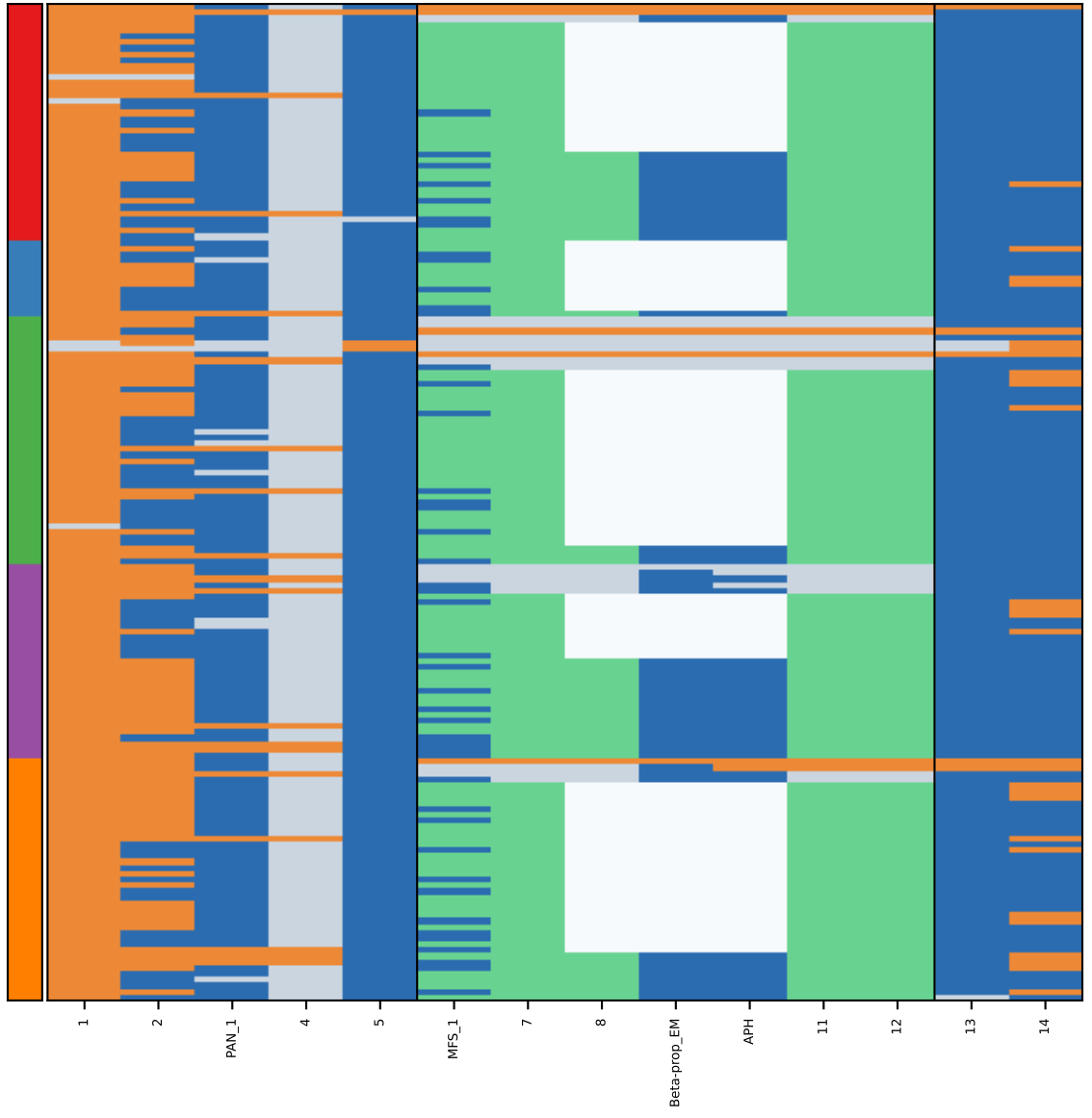
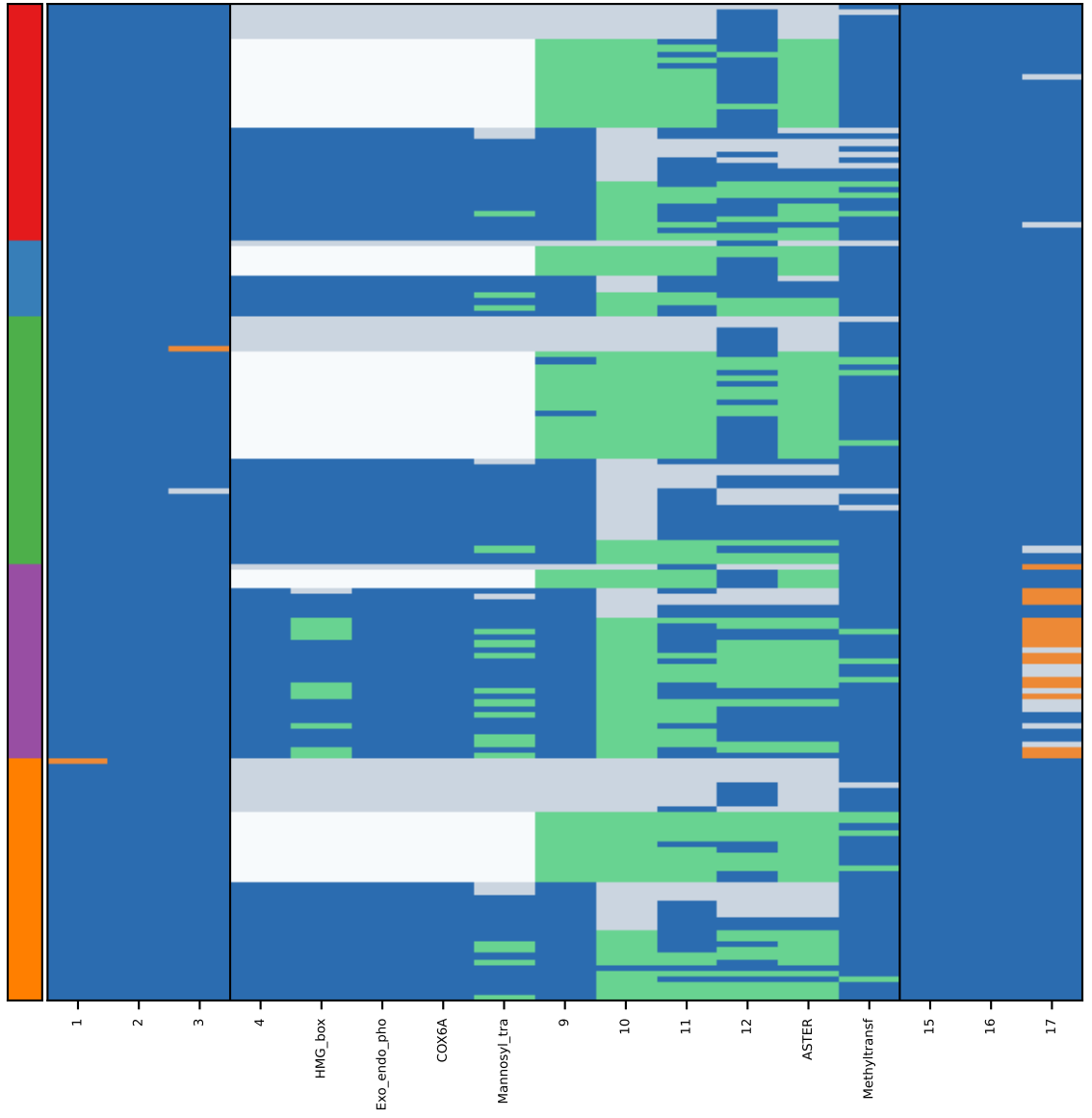
L001 7 genes content 88% of 169 strains type: swap_candidate

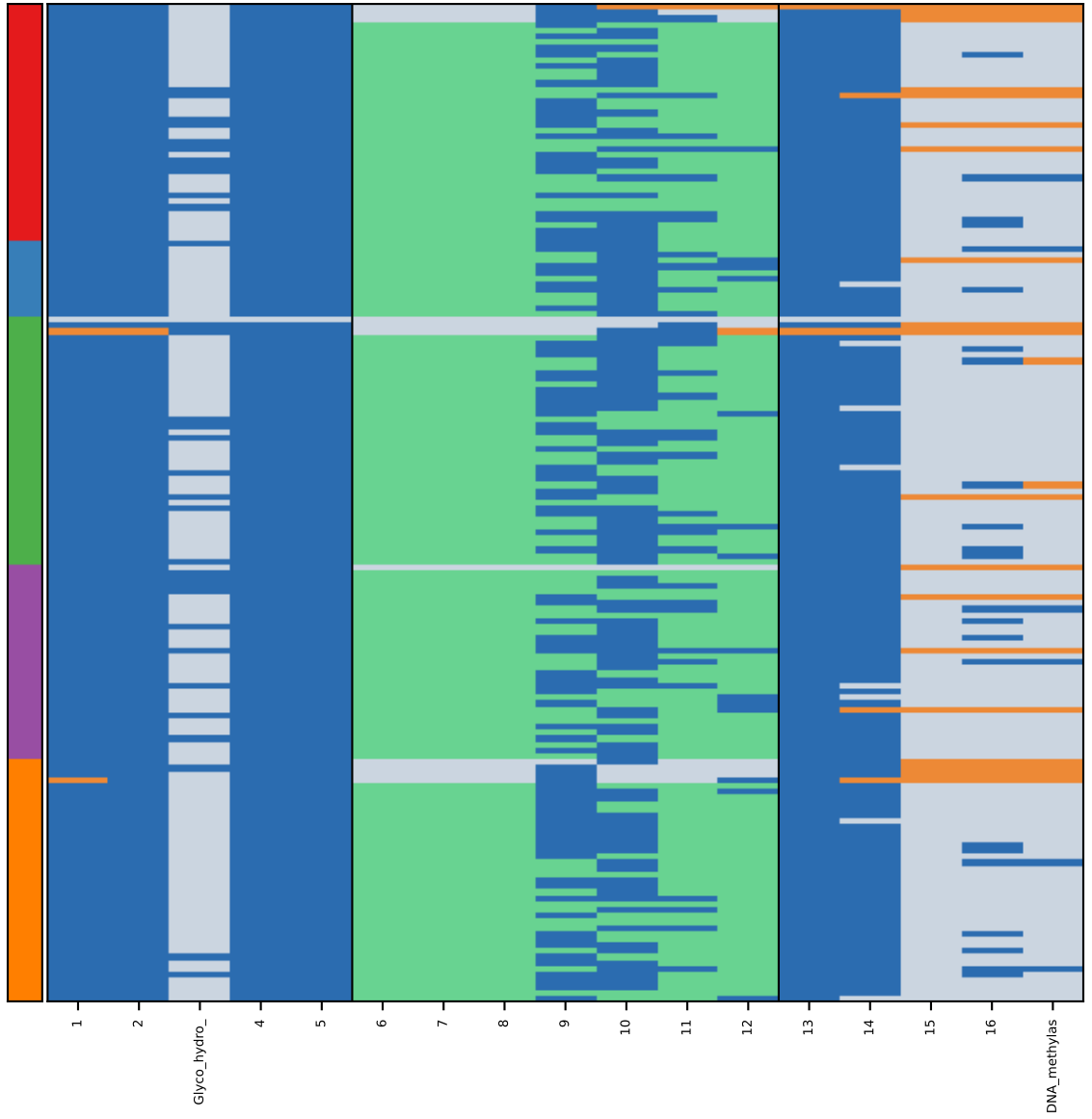


L002 11 genes content 86% of 169 strains type: swap_candidate

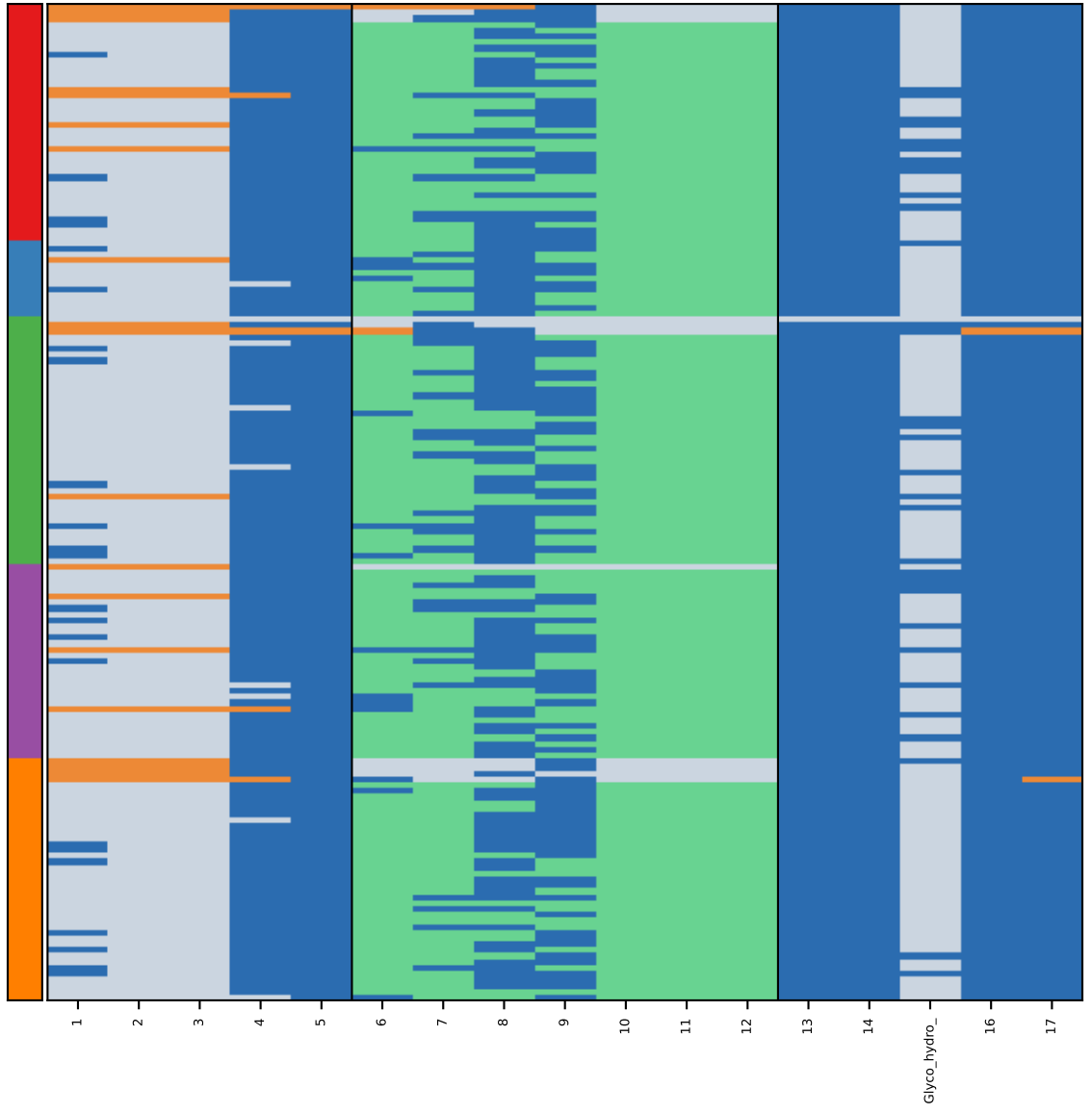


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

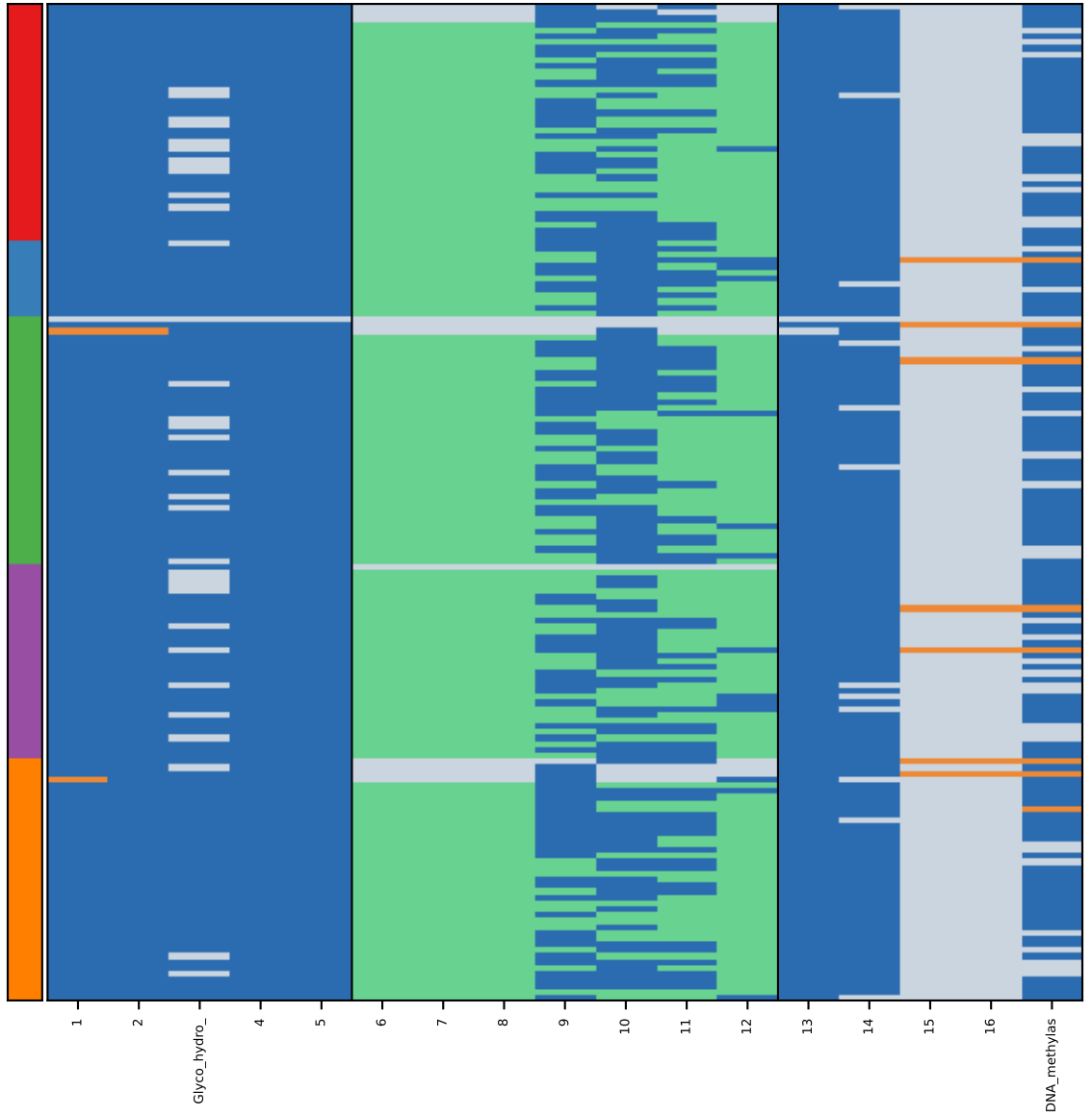
L003 7 genes content 93% of 169 strains type: monomorphic



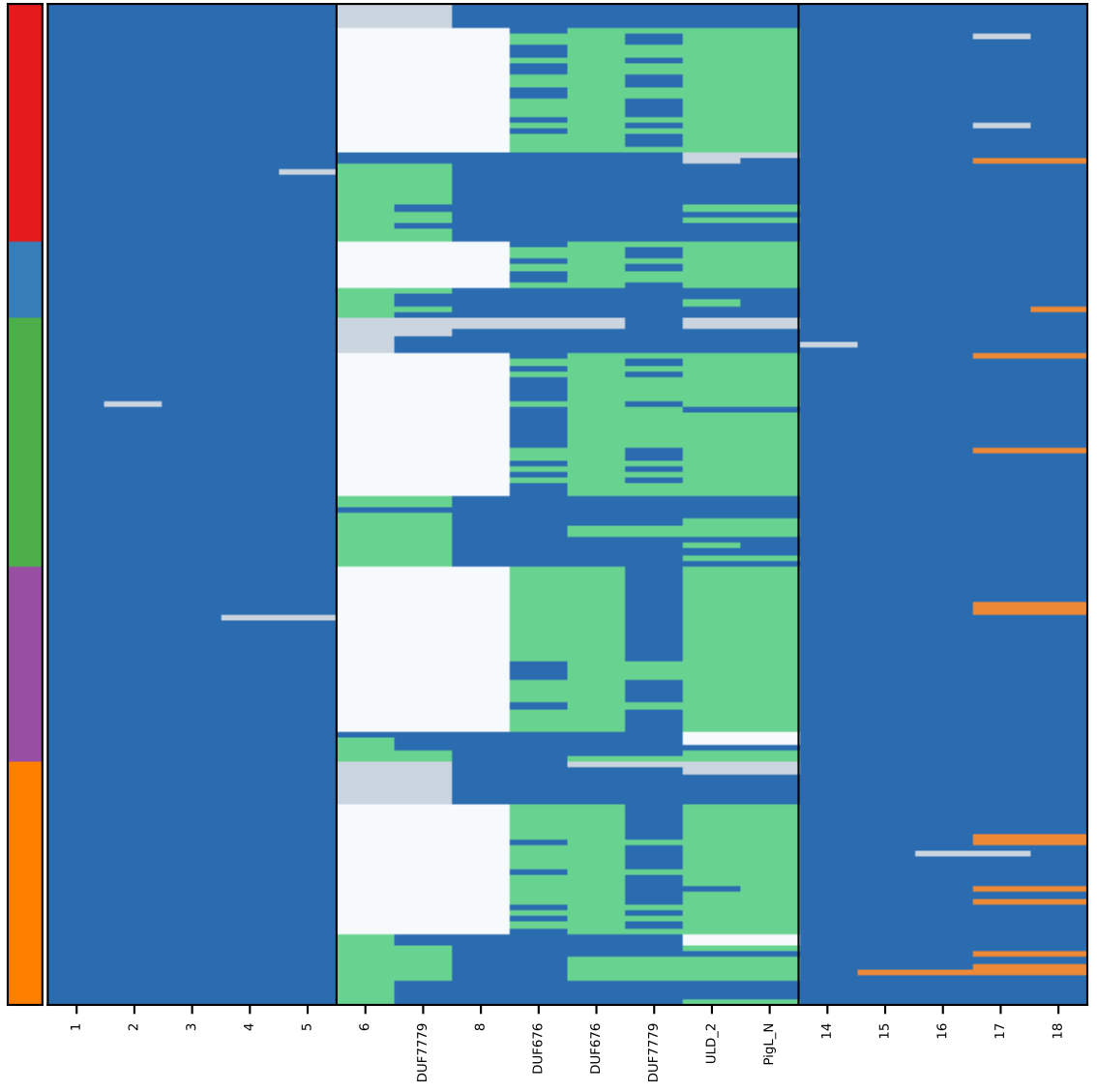
L004 7 genes content 93% of 169 strains type: monomorphic



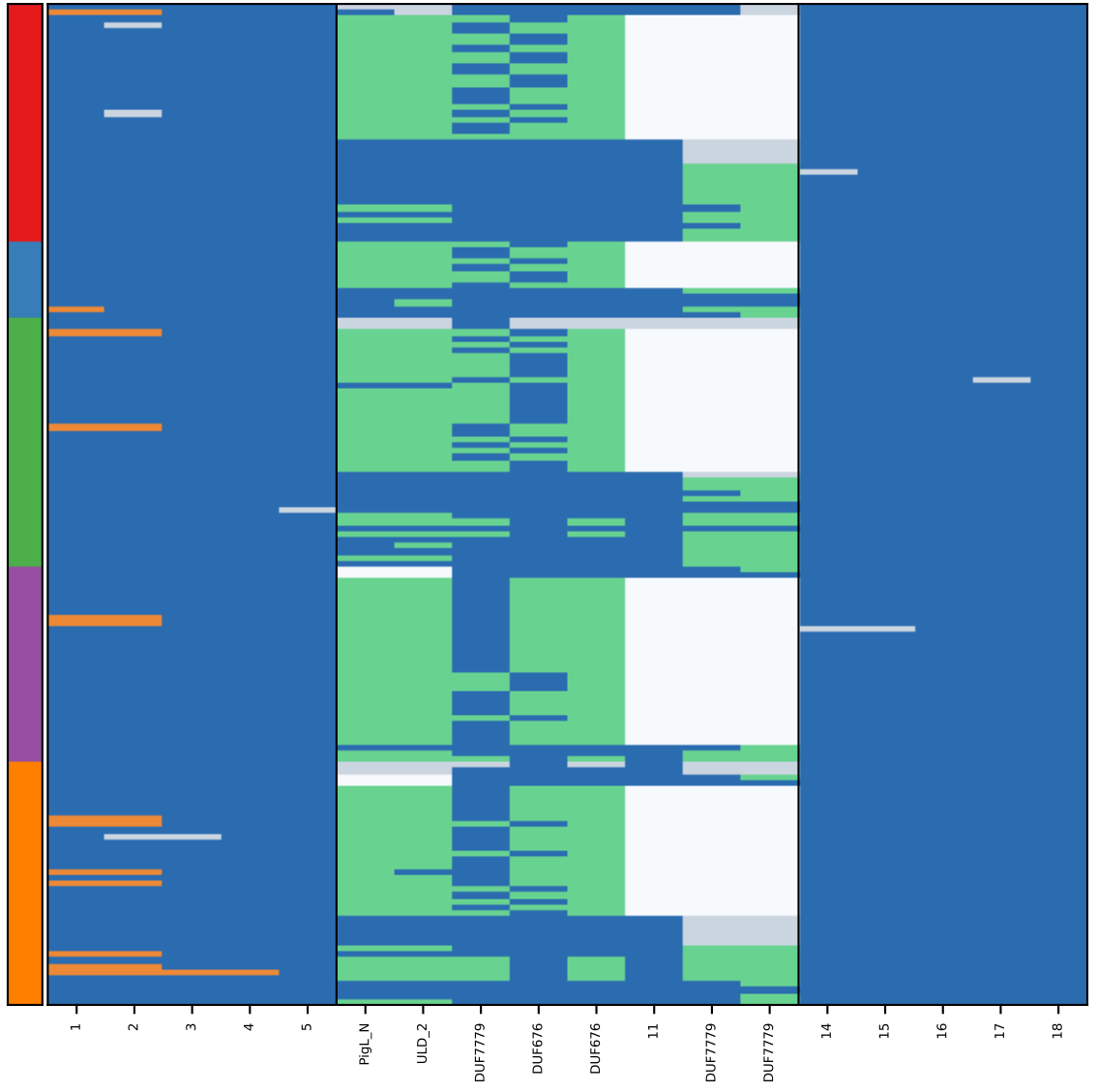
L005 7 genes content 93% of 169 strains type: monomorphic



L006 8 genes content 98% of 169 strains type: swap_candidate

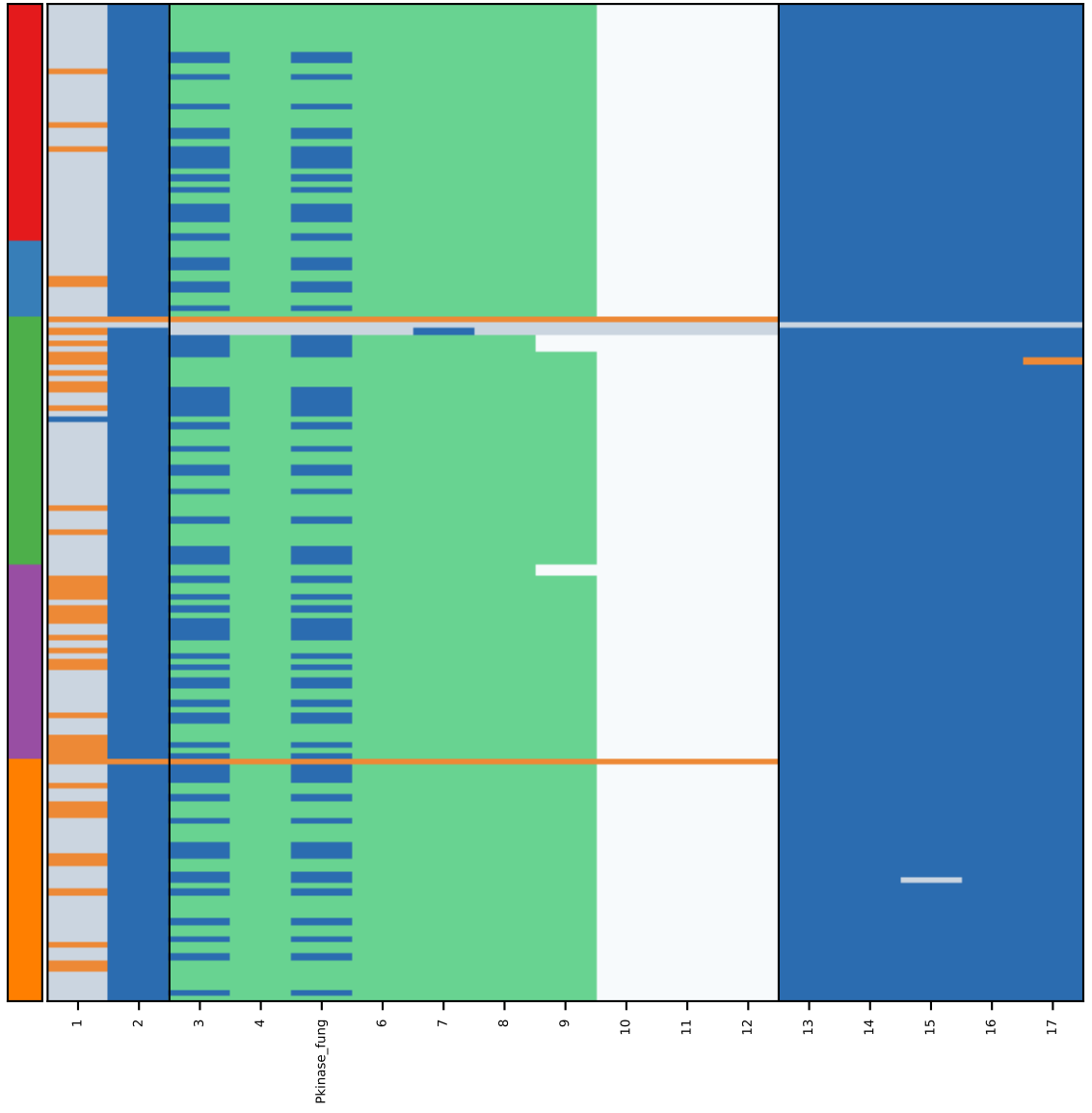


L007 8 genes content 98% of 169 strains type: swap_candidate

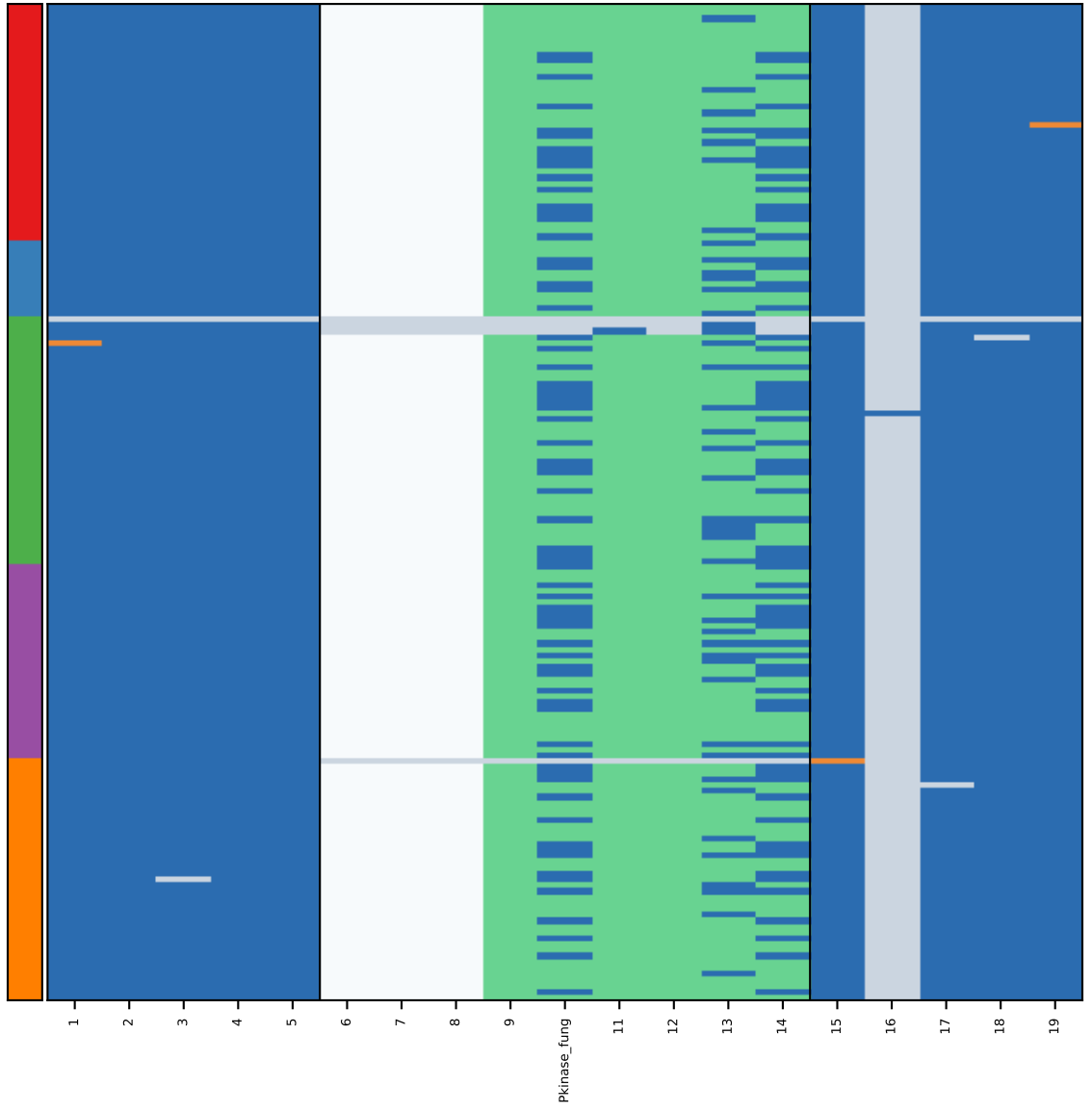


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

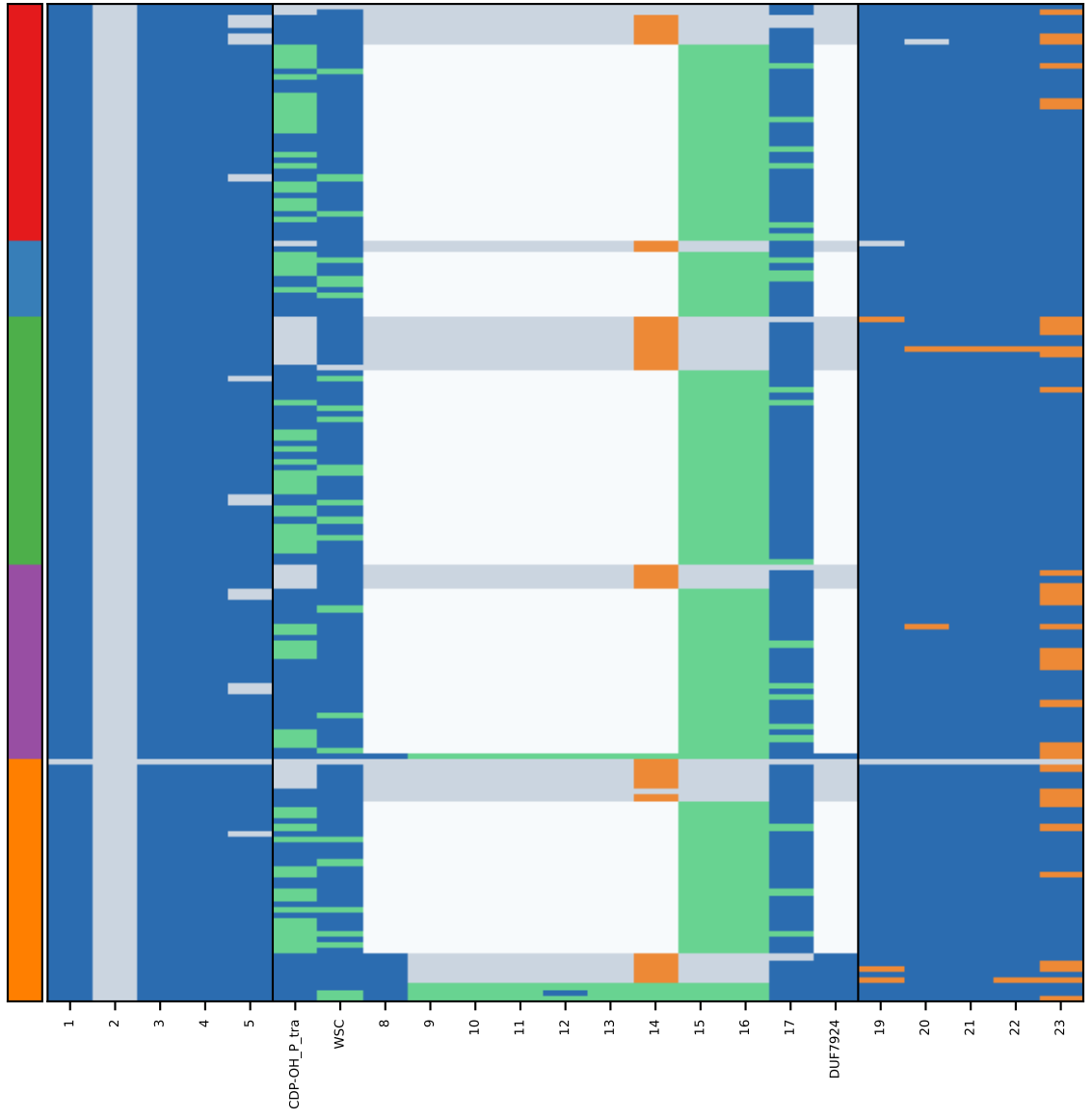
L008 10 genes content 98% of 169 strains type: monomorphic



L009 9 genes content 98% of 169 strains type: monomorphic

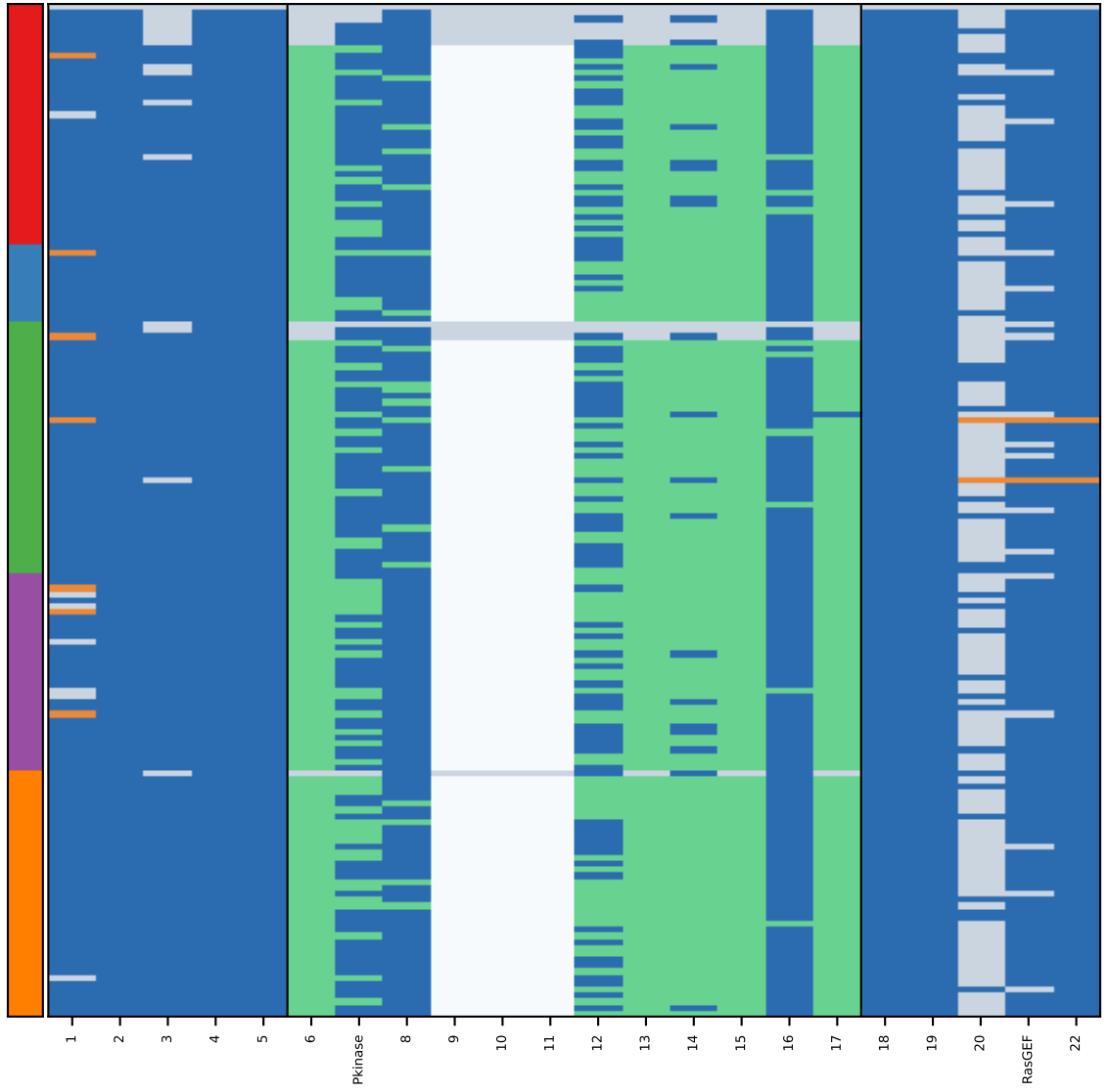


L010 13 genes content 2% of 169 strains type: rare_content



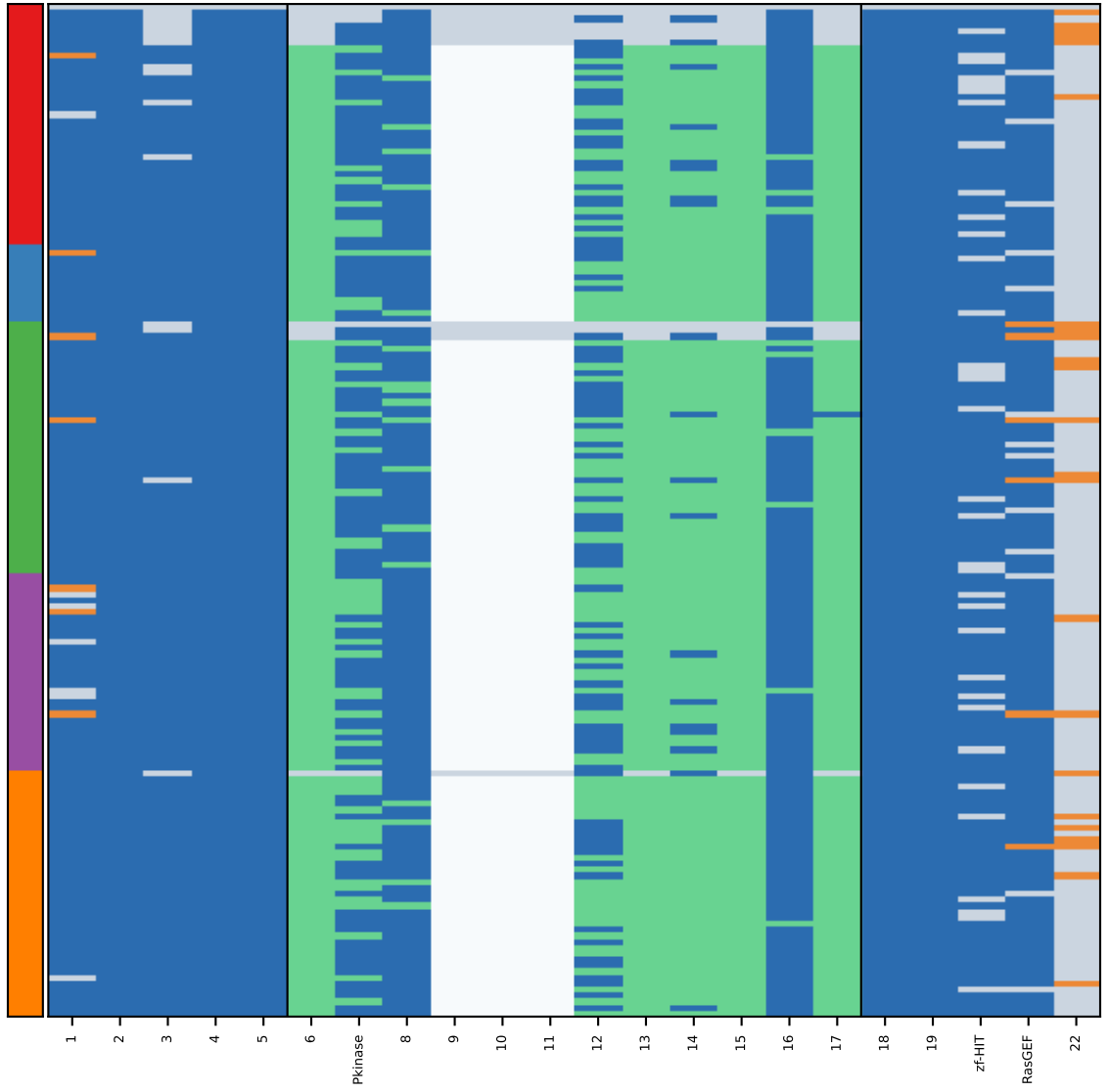
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L011 11 genes content 93% of 169 strains type: monomorphic



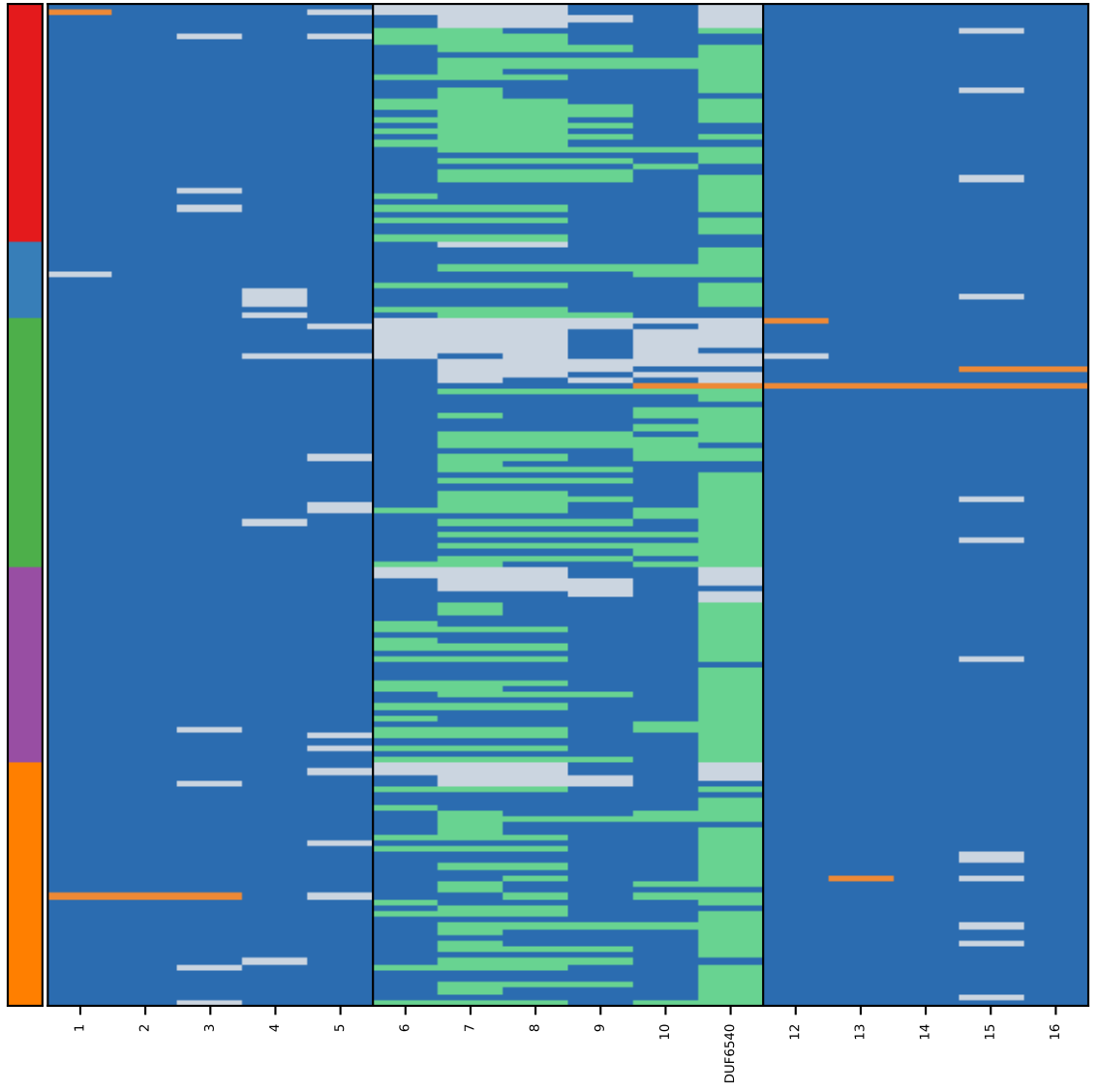
gene in place
DNA at site, no gene
DNA checked, absent
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clade_0
clade_1
clade_2
clade_3
clade_4

L012 11 genes content 93% of 169 strains type: monomorphic

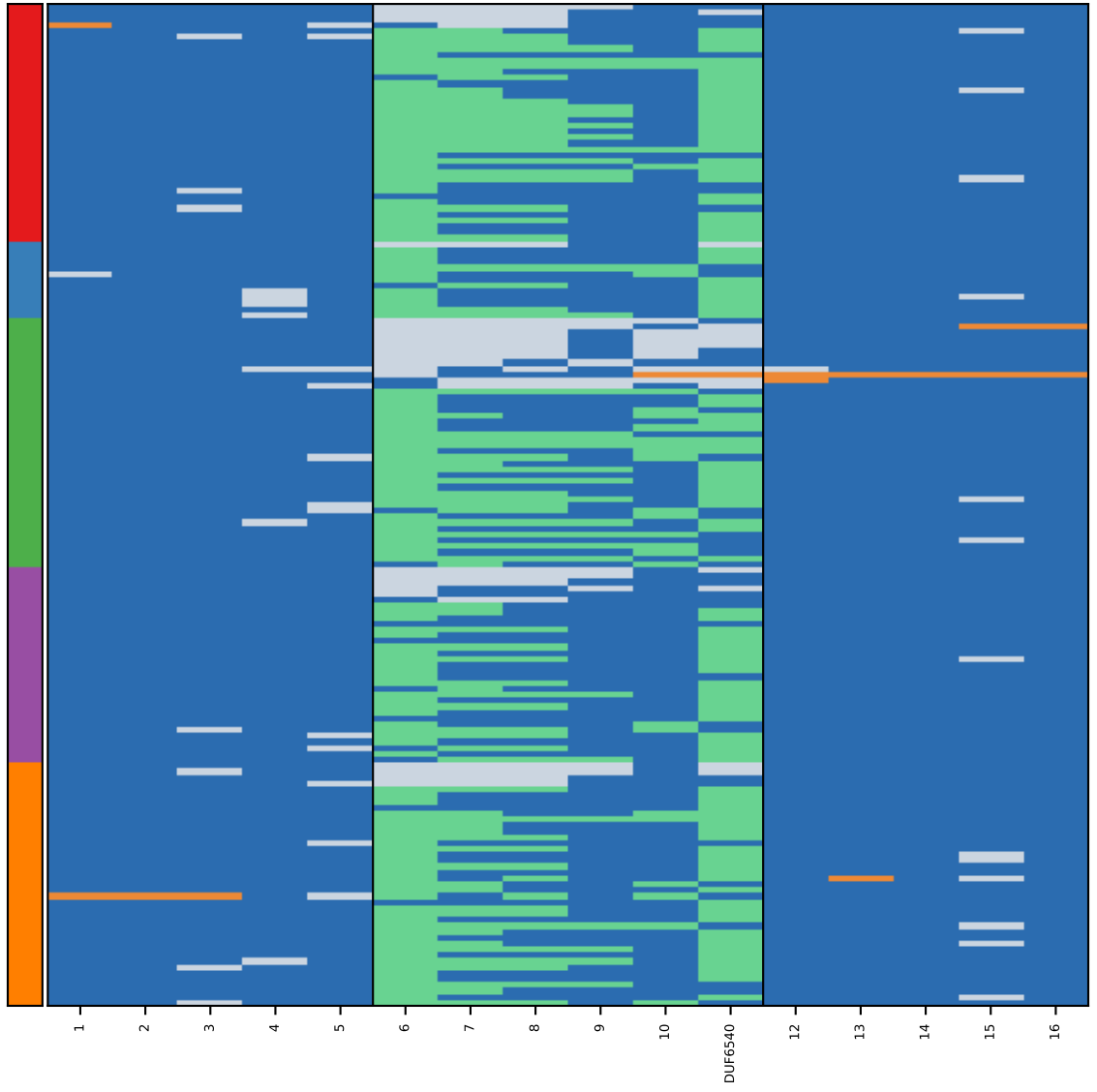


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L013 6 genes content 89% of 169 strains type: content_variants

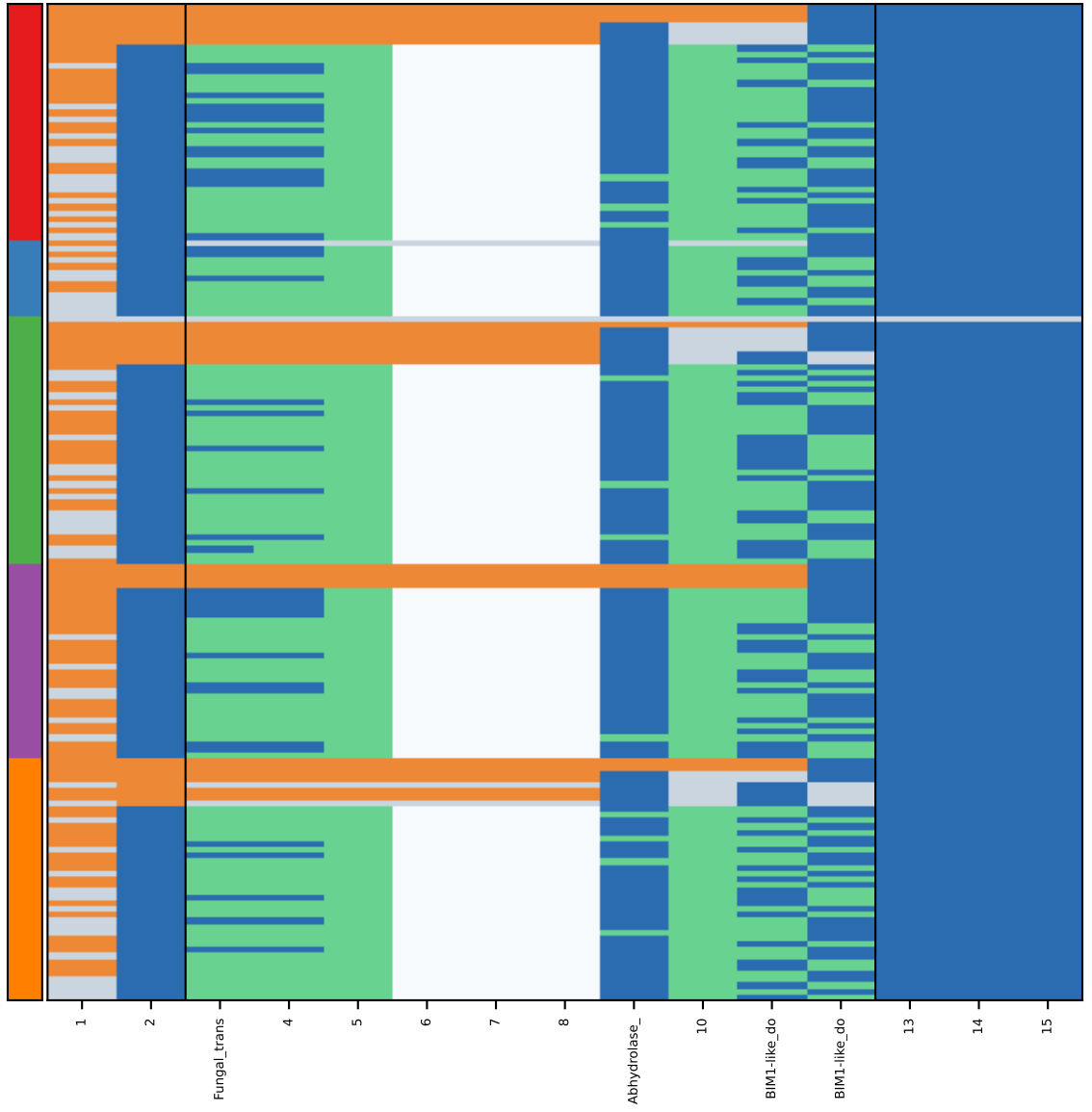


L014 6 genes content 90% of 169 strains type: content_variants

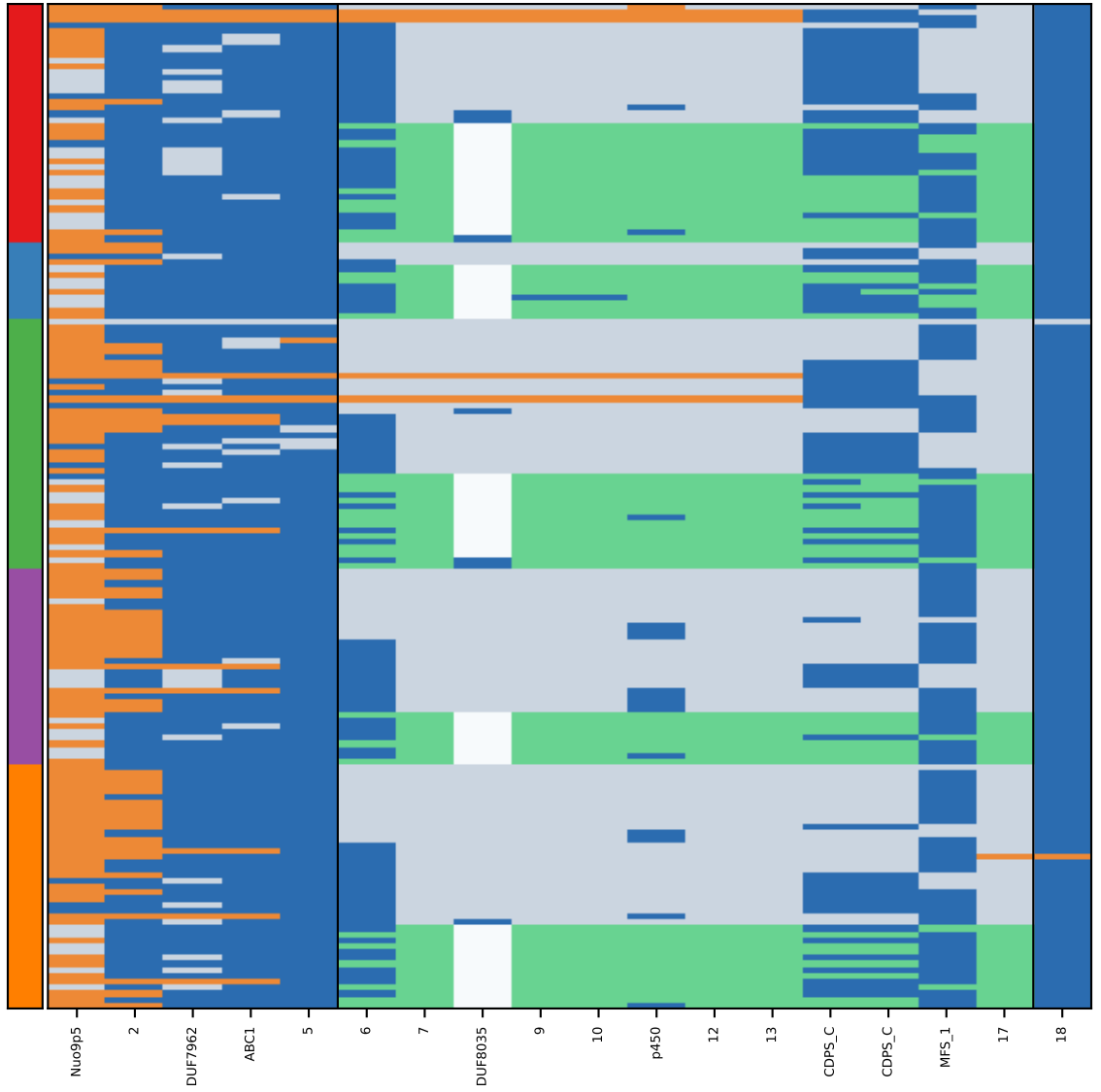


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L015 10 genes content 83% of 169 strains type: content_variants

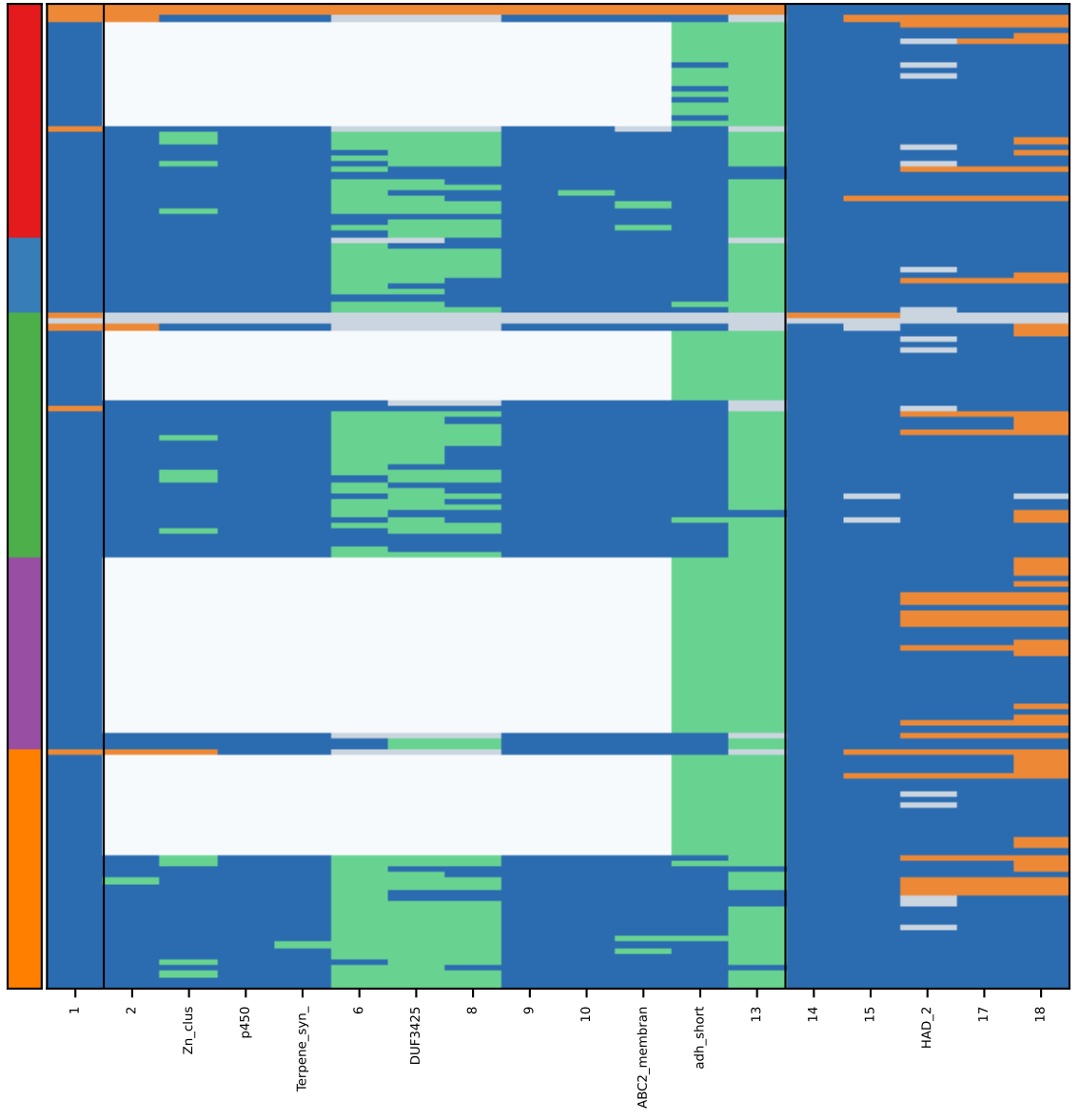


L016 12 genes content 40% of 169 strains type: unresolved



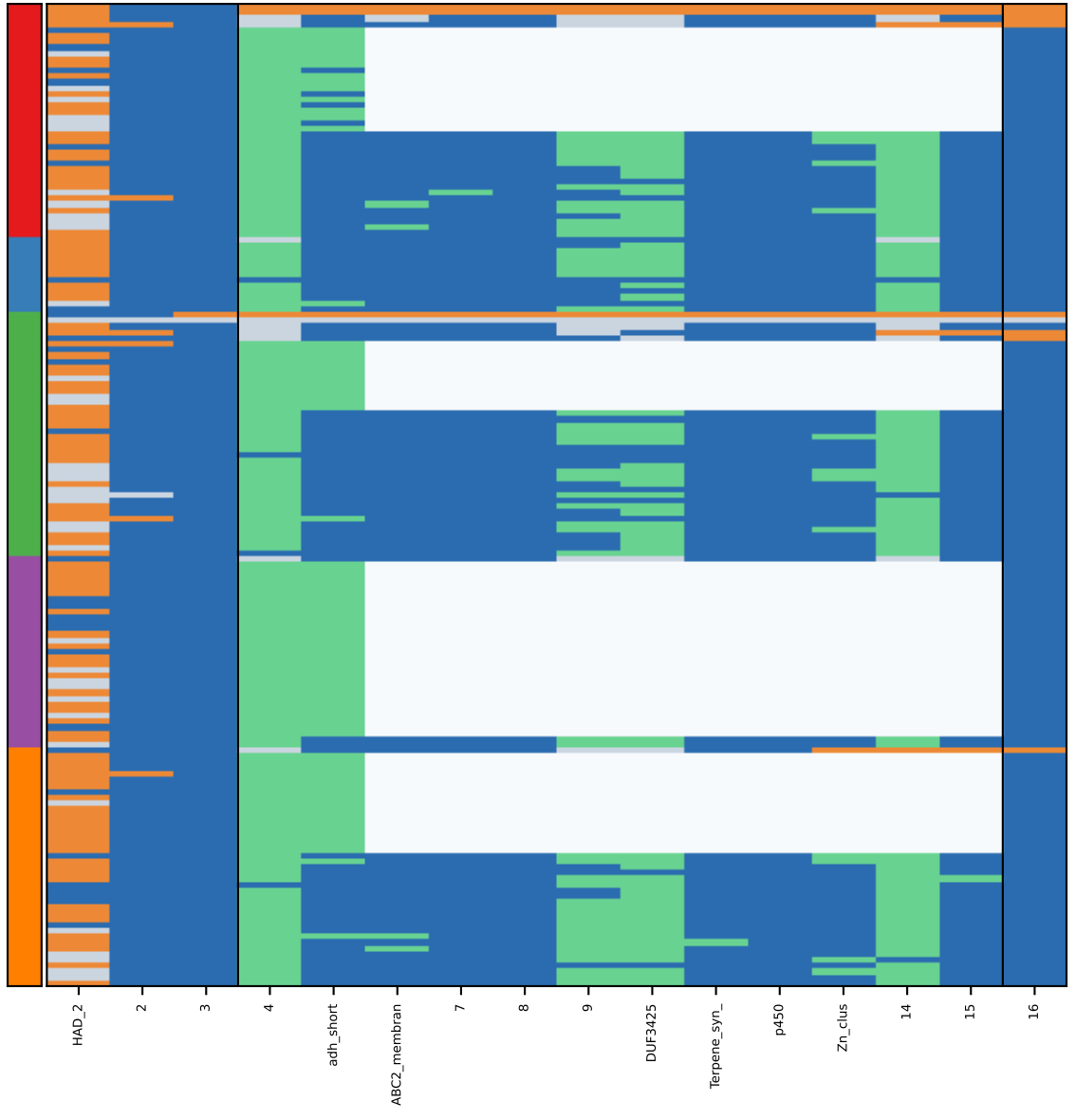
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L017 12 genes content 52% of 169 strains type: swap_candidate

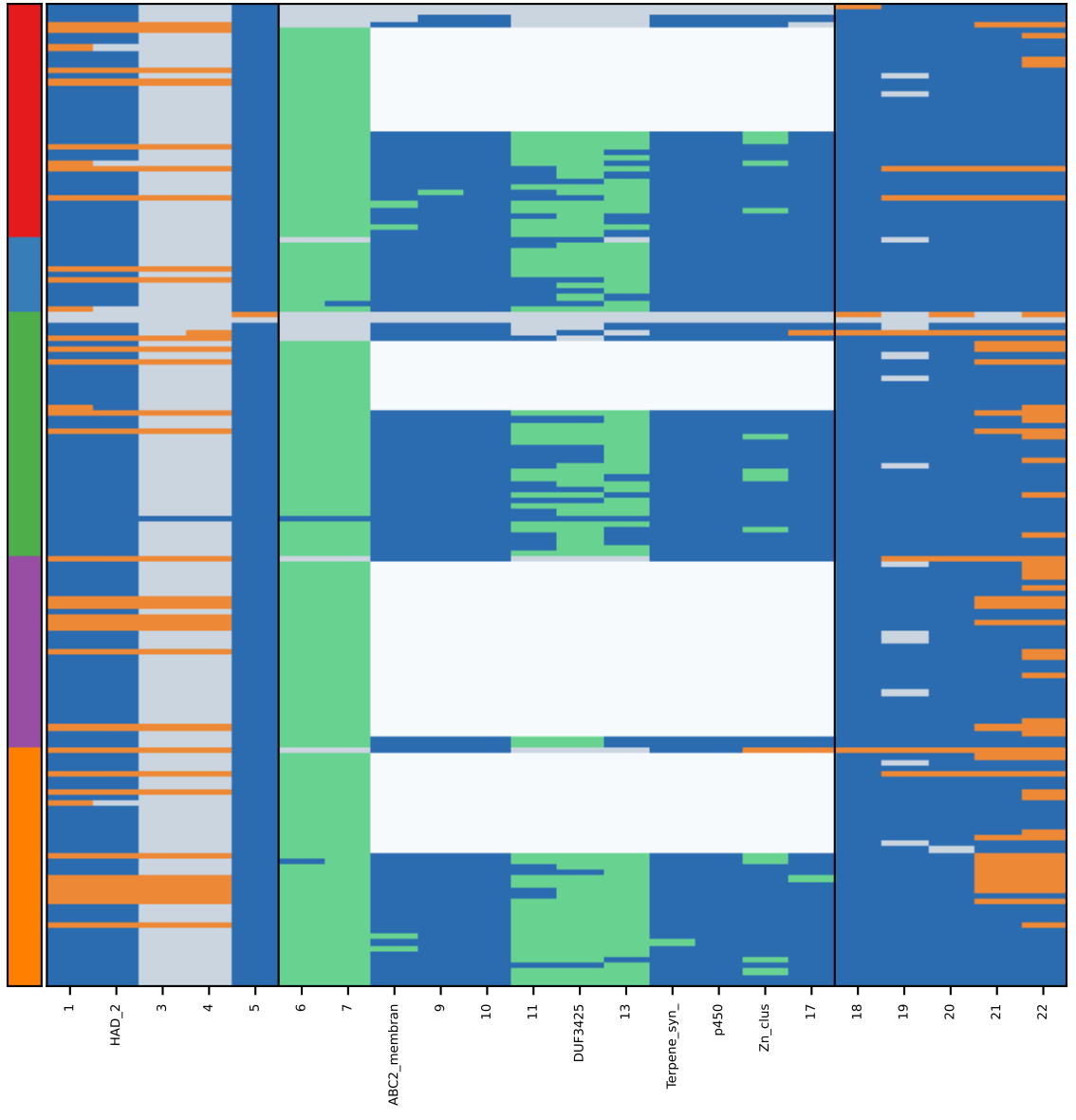


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

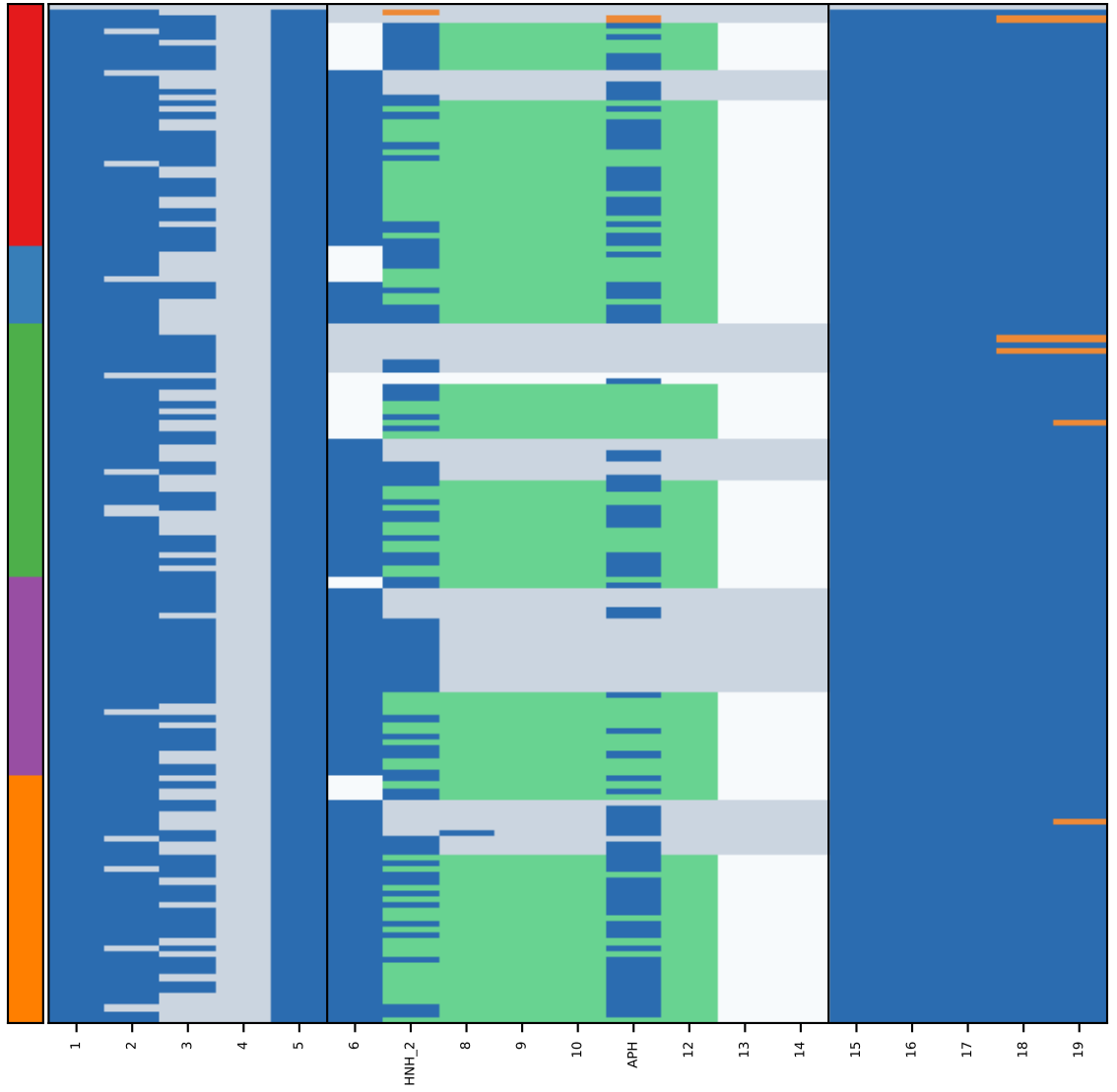
L018 12 genes content 52% of 169 strains type: swap_candidate



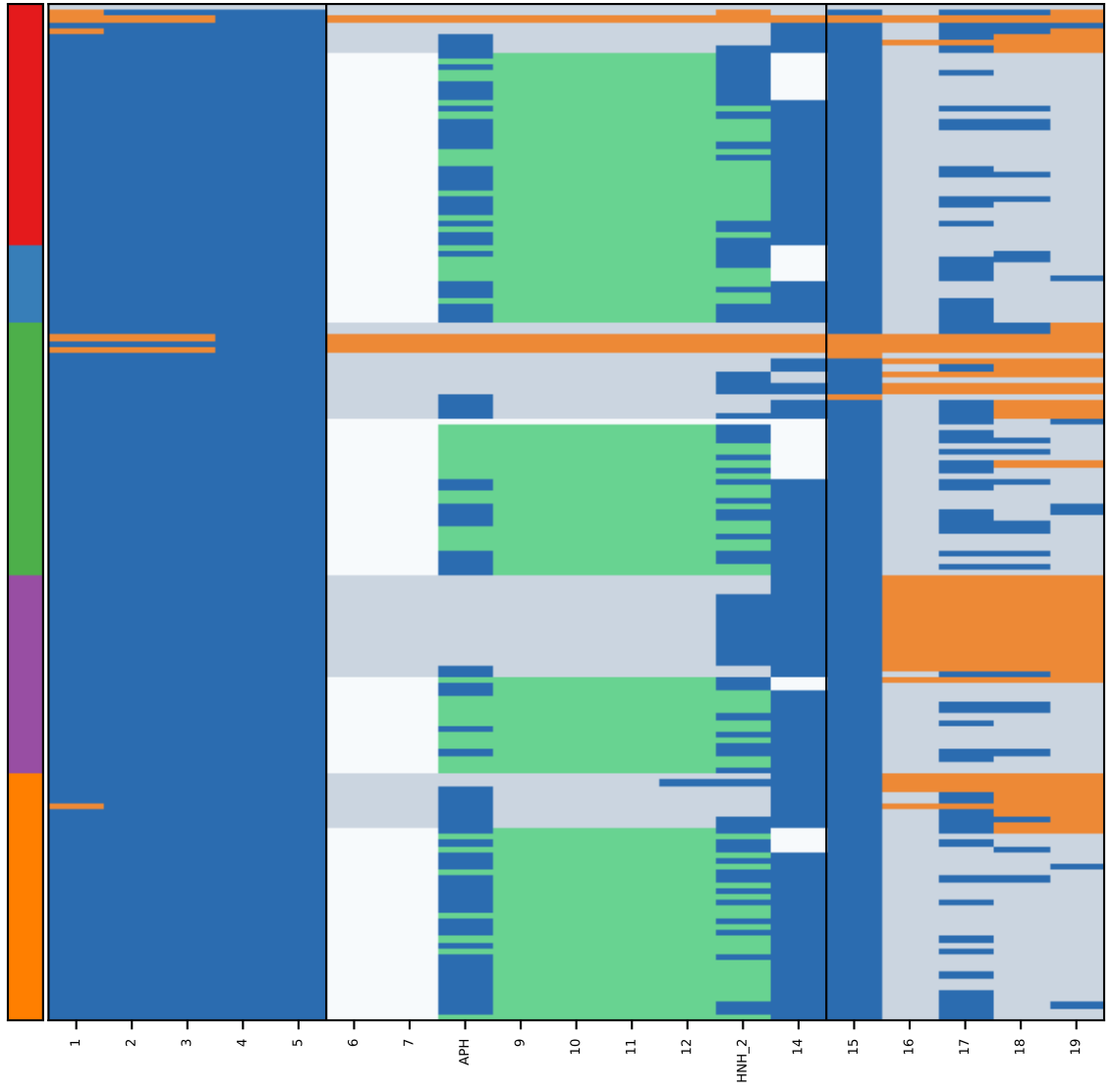
L019 12 genes content 51% of 169 strains type: swap_candidate



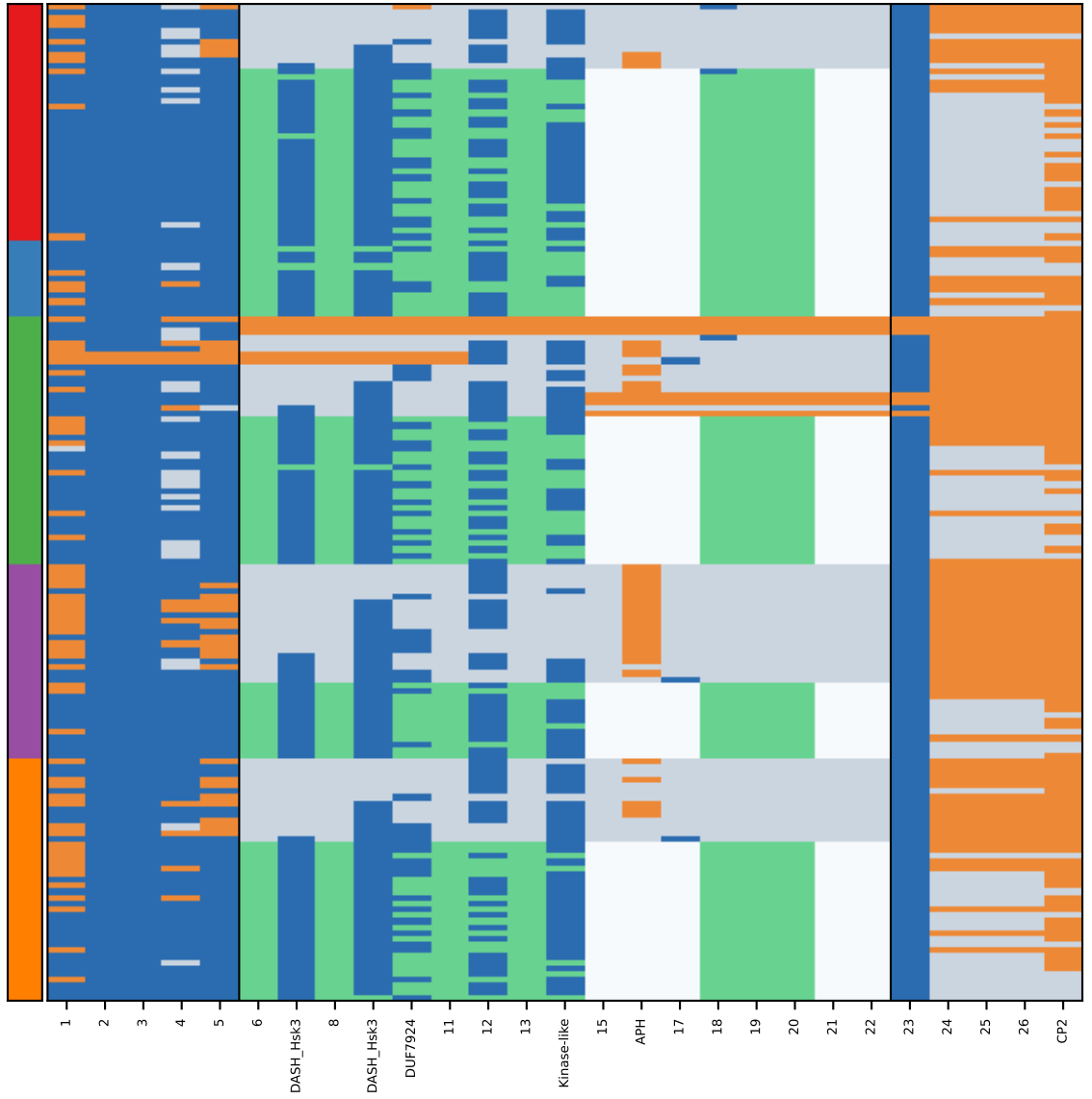
L020 9 genes content 70% of 169 strains type: swap_candidate



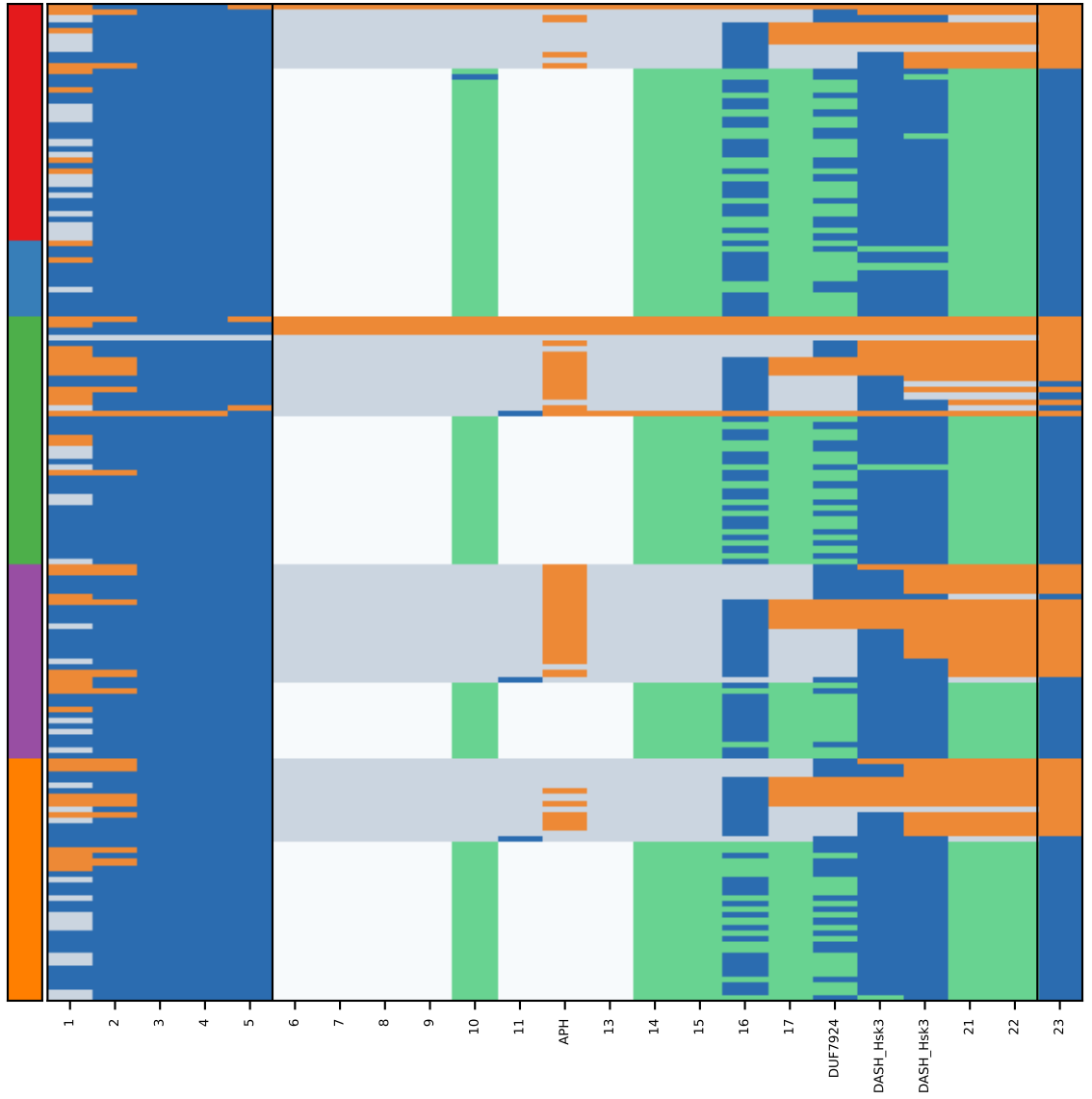
L021 9 genes content 70% of 169 strains type: swap_candidate



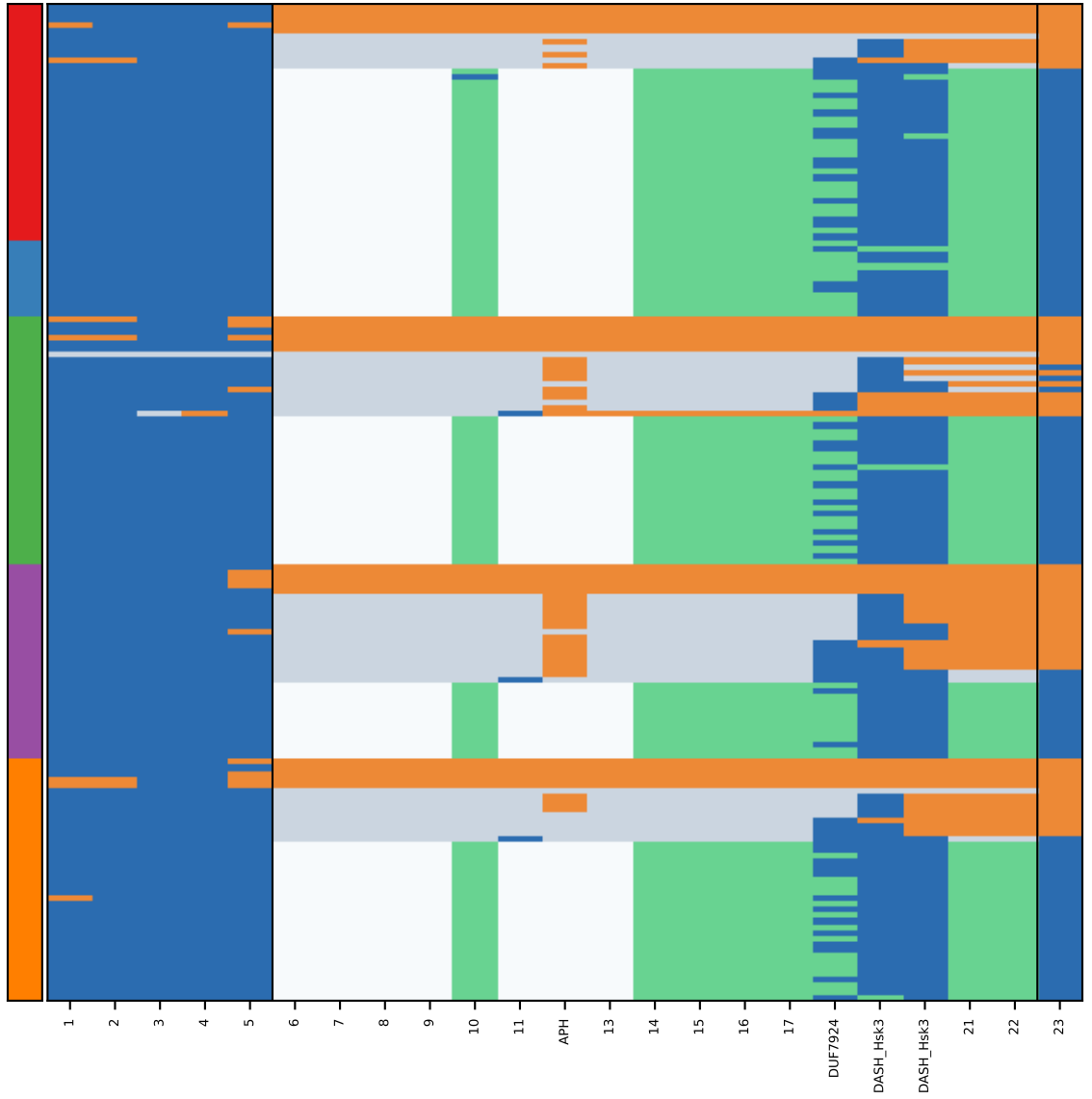
L022 17 genes content 63% of 169 strains type: content_variants



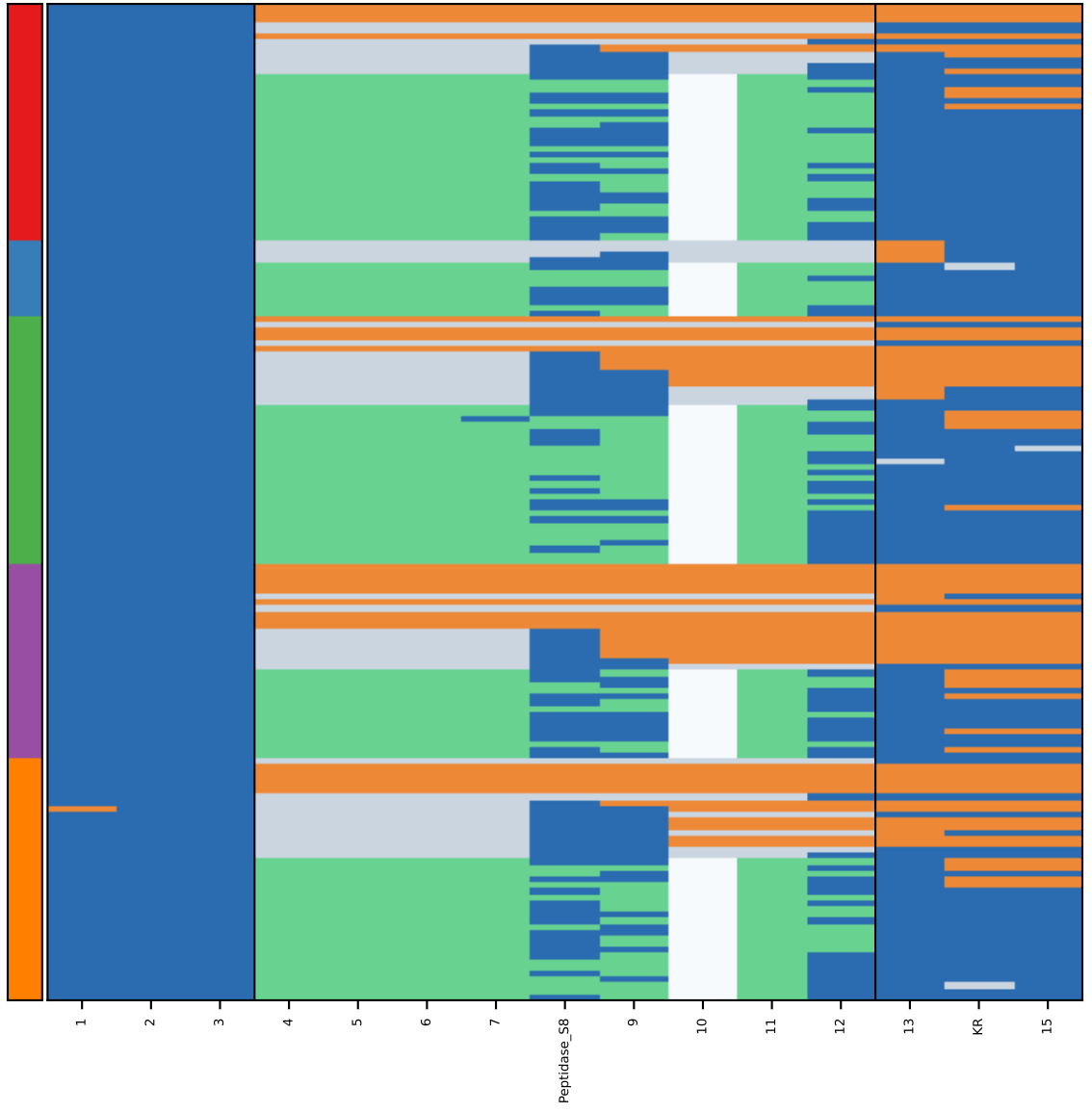
L023 17 genes content 63% of 169 strains type: content_variants



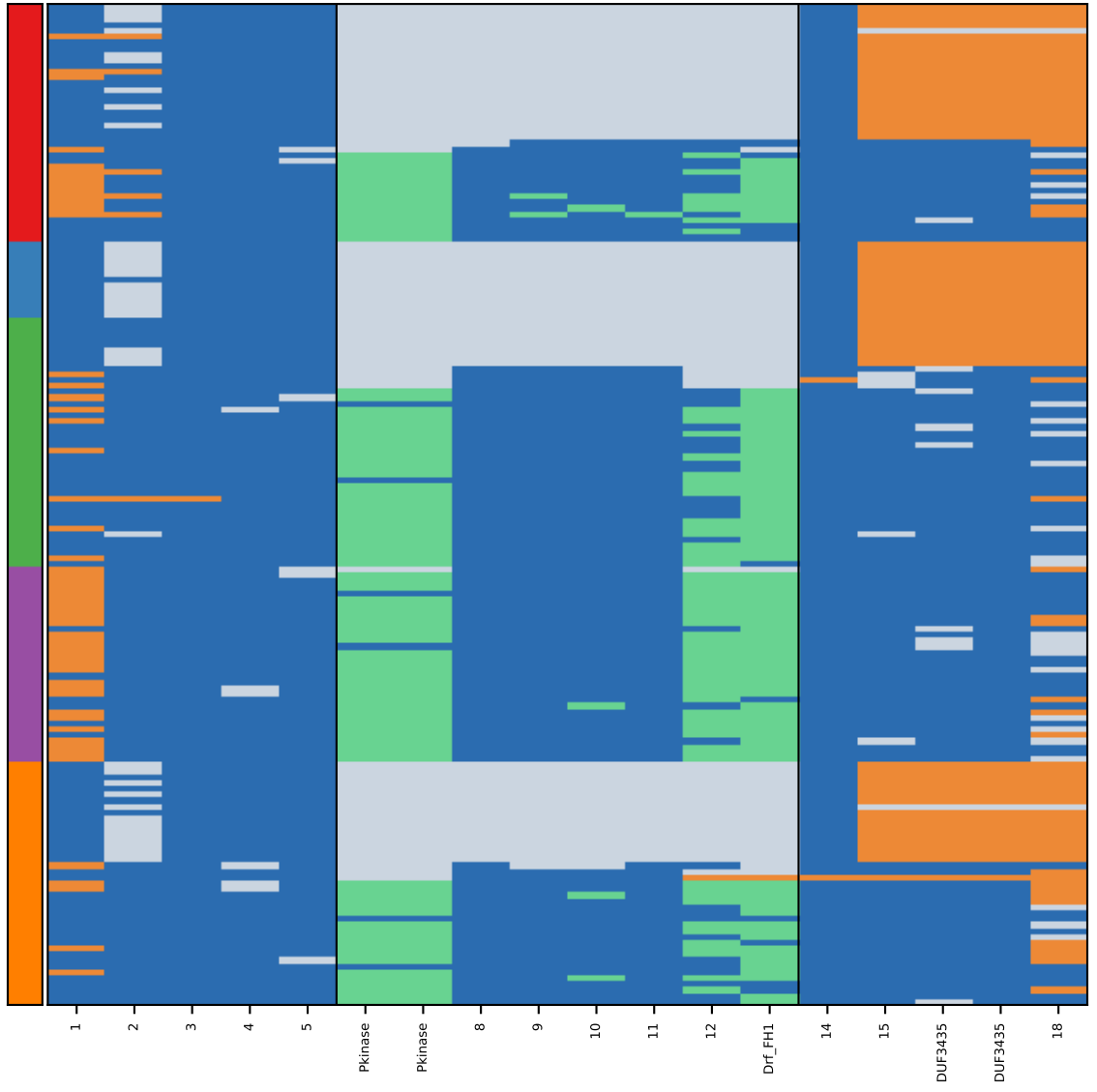
L024 17 genes content 63% of 169 strains type: content_variants



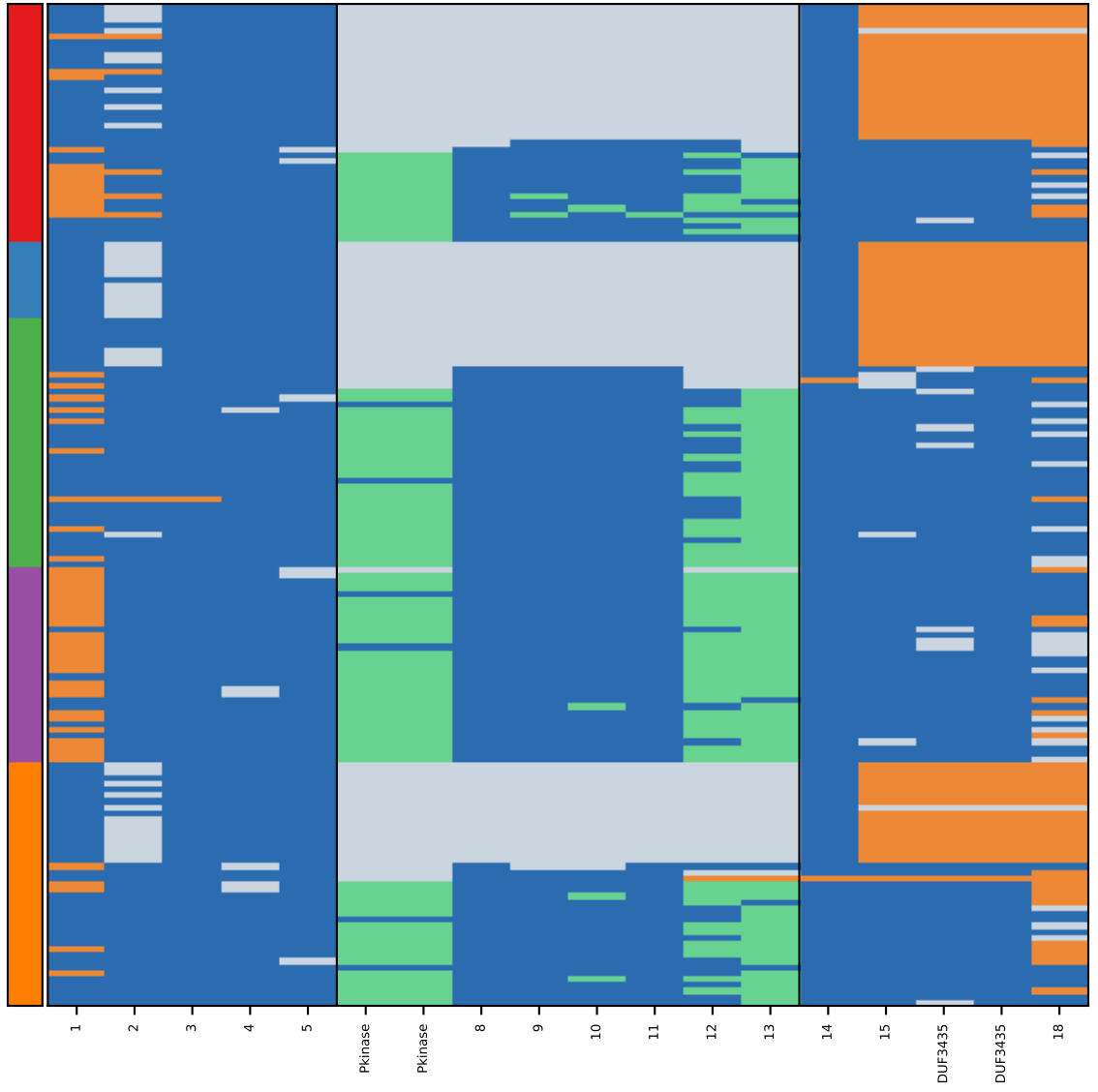
L025 9 genes content 61% of 169 strains type: content_variants



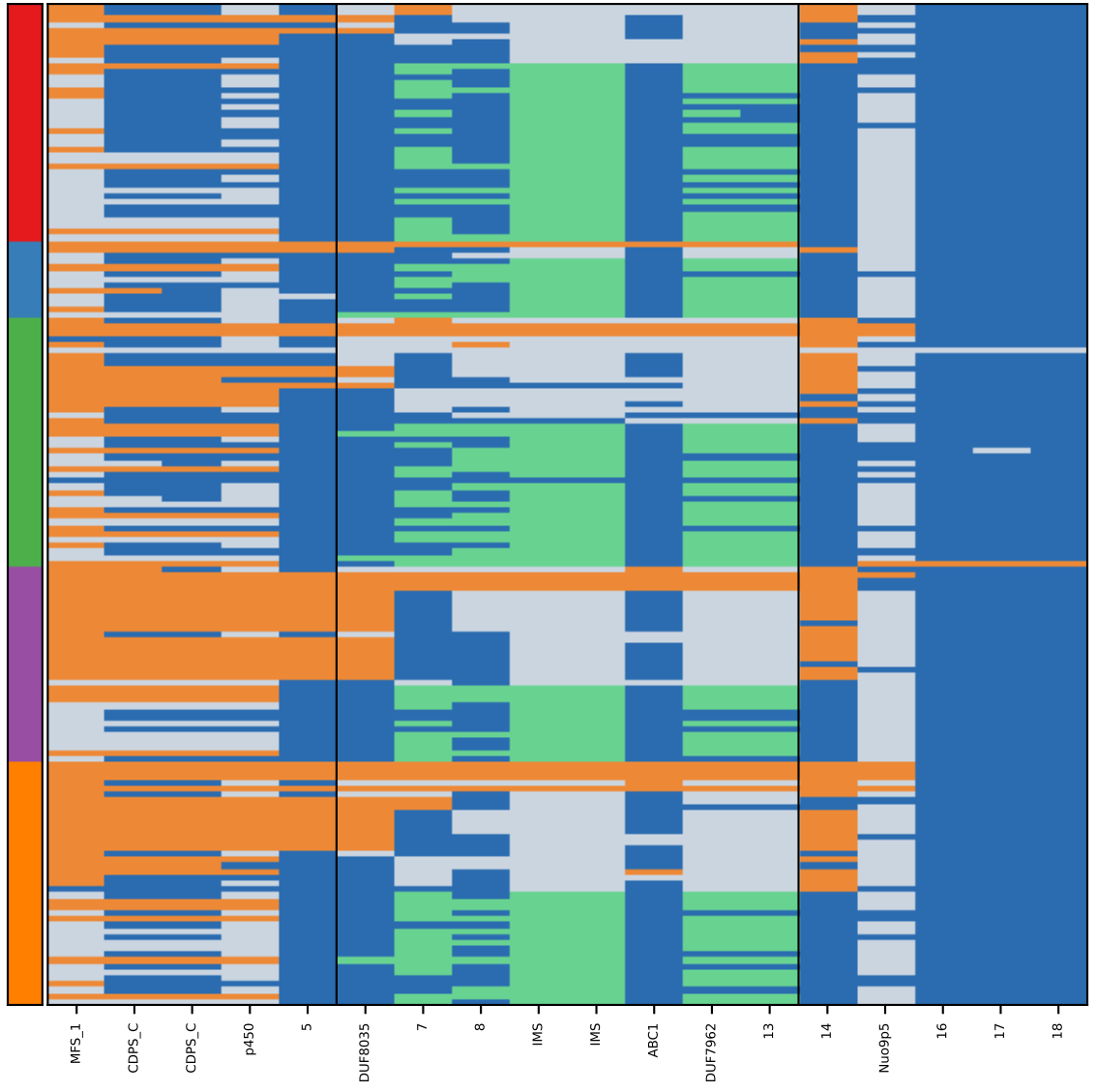
L026 8 genes content 63% of 169 strains type: content_variants



L027 8 genes content 64% of 169 strains type: content_variants

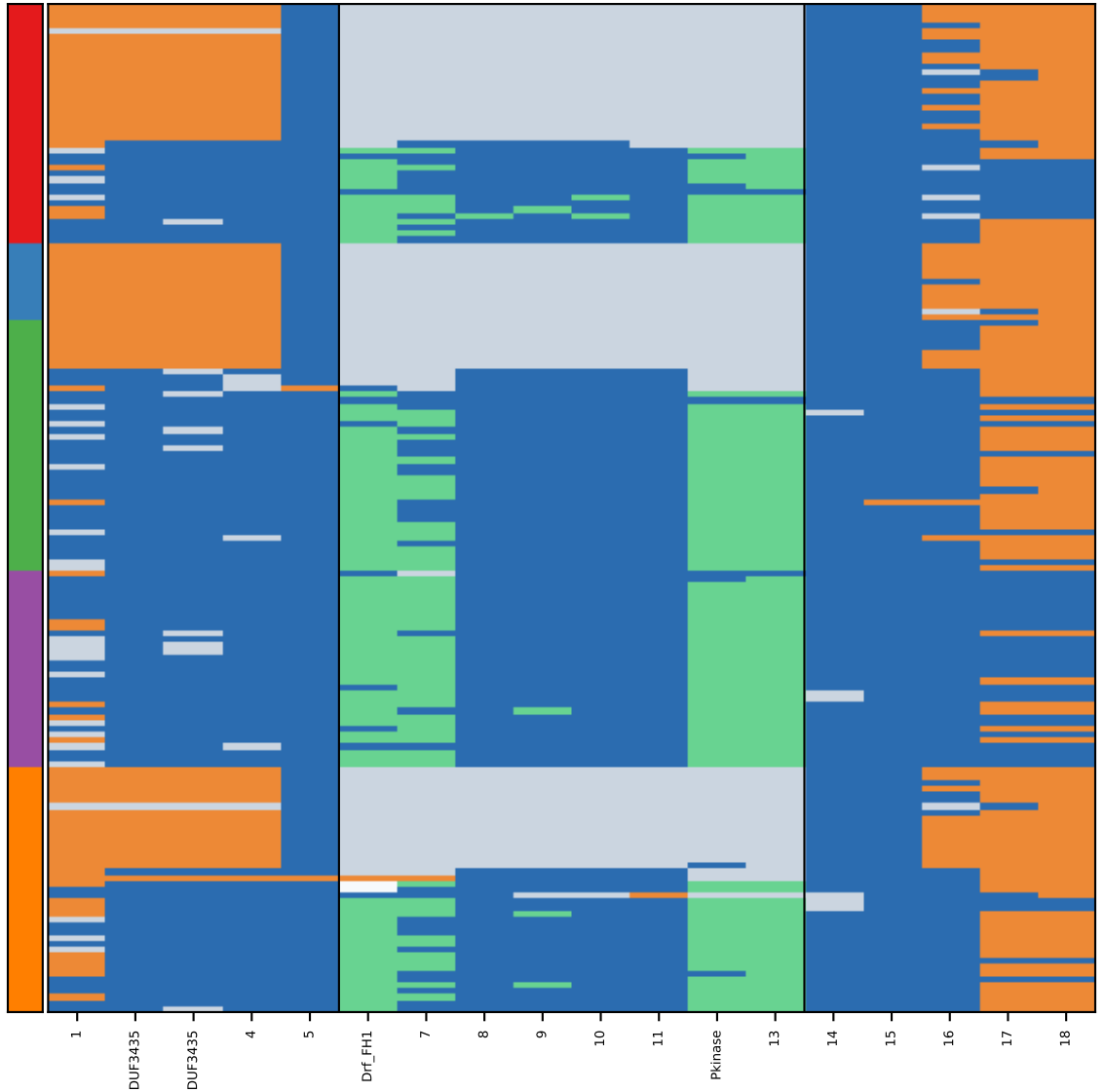


L028 8 genes content 60% of 169 strains type: content_variants



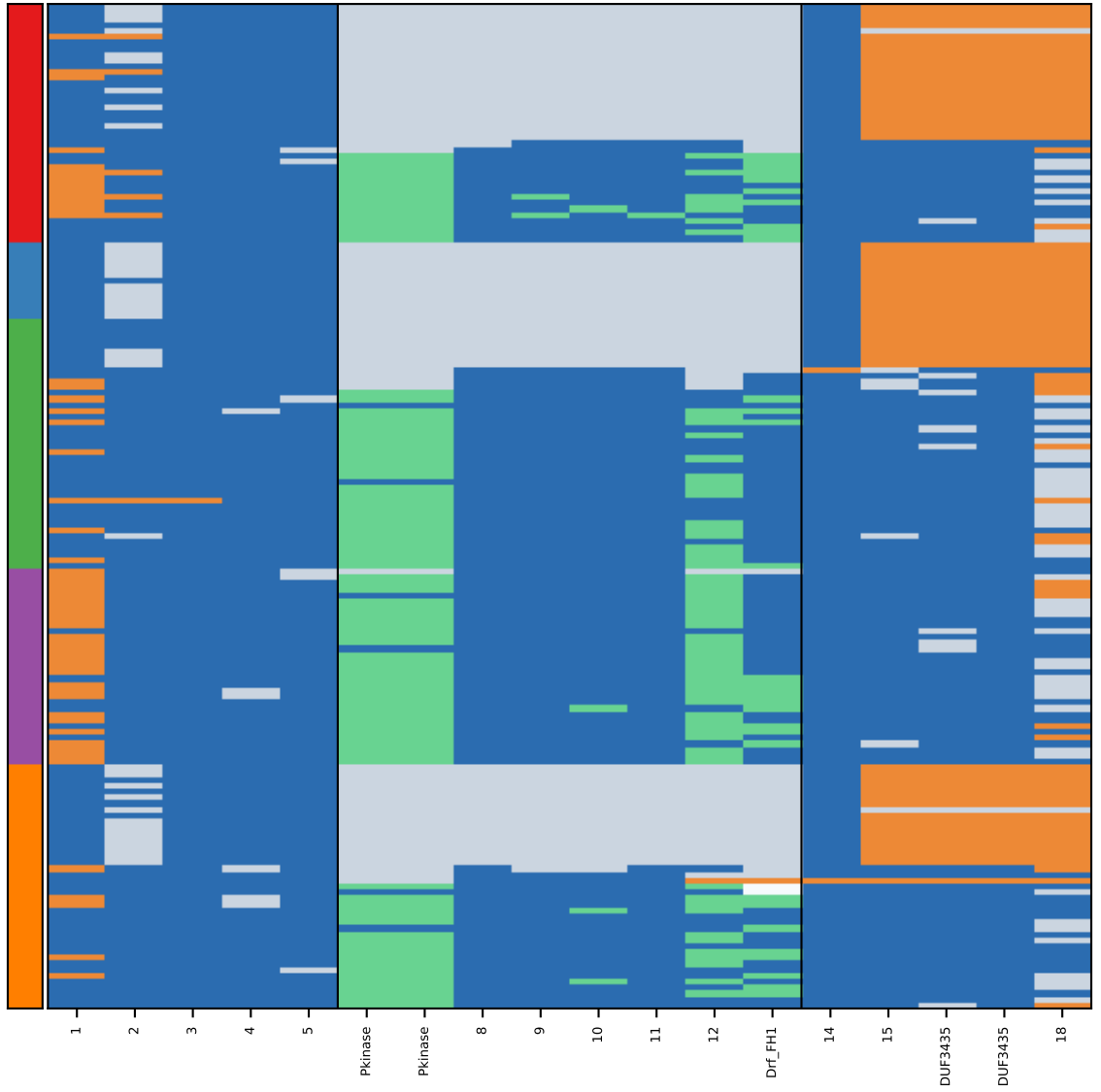
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L029 8 genes content 63% of 169 strains type: content_variants



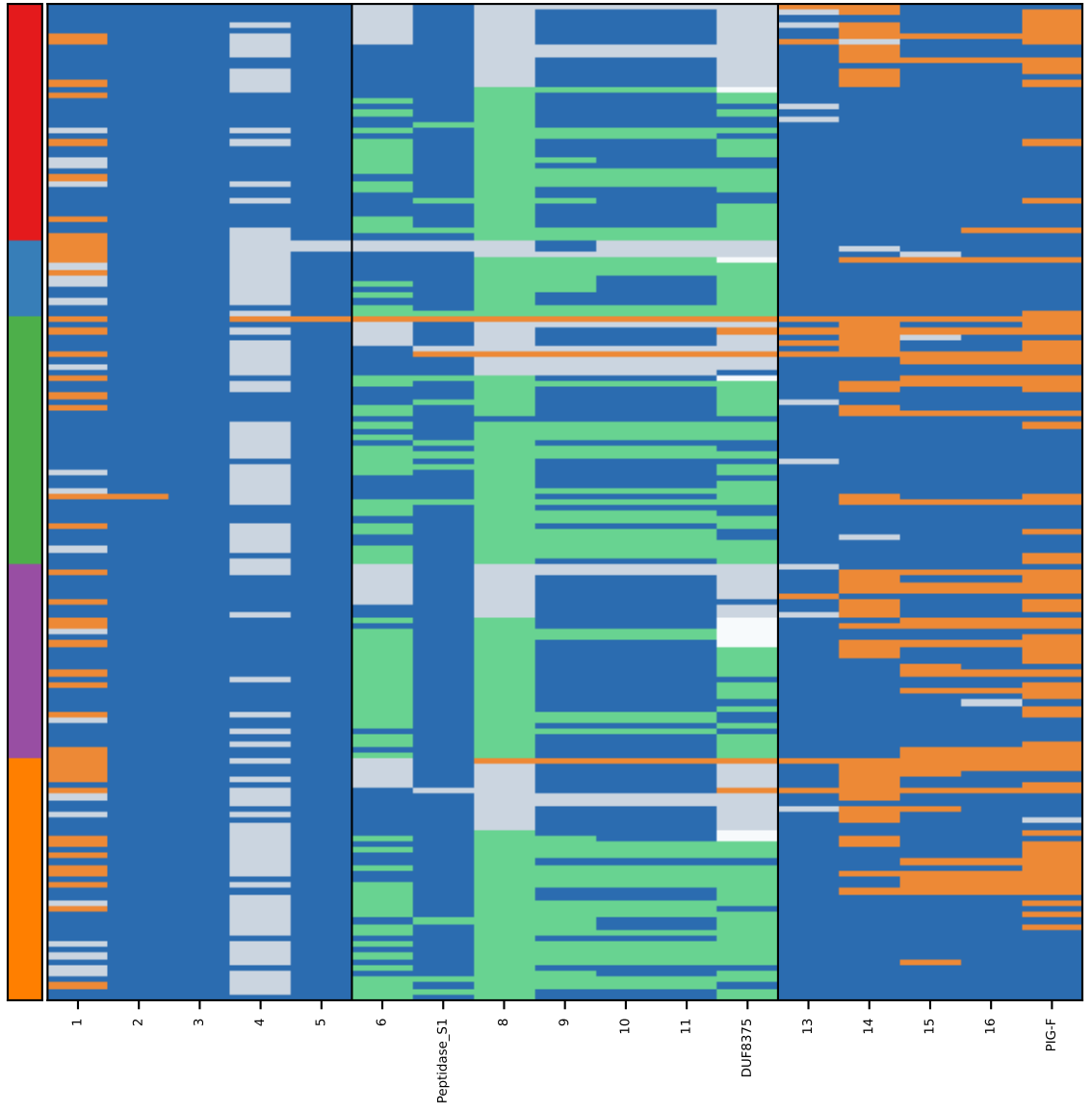
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L030 8 genes content 63% of 169 strains type: content_variants

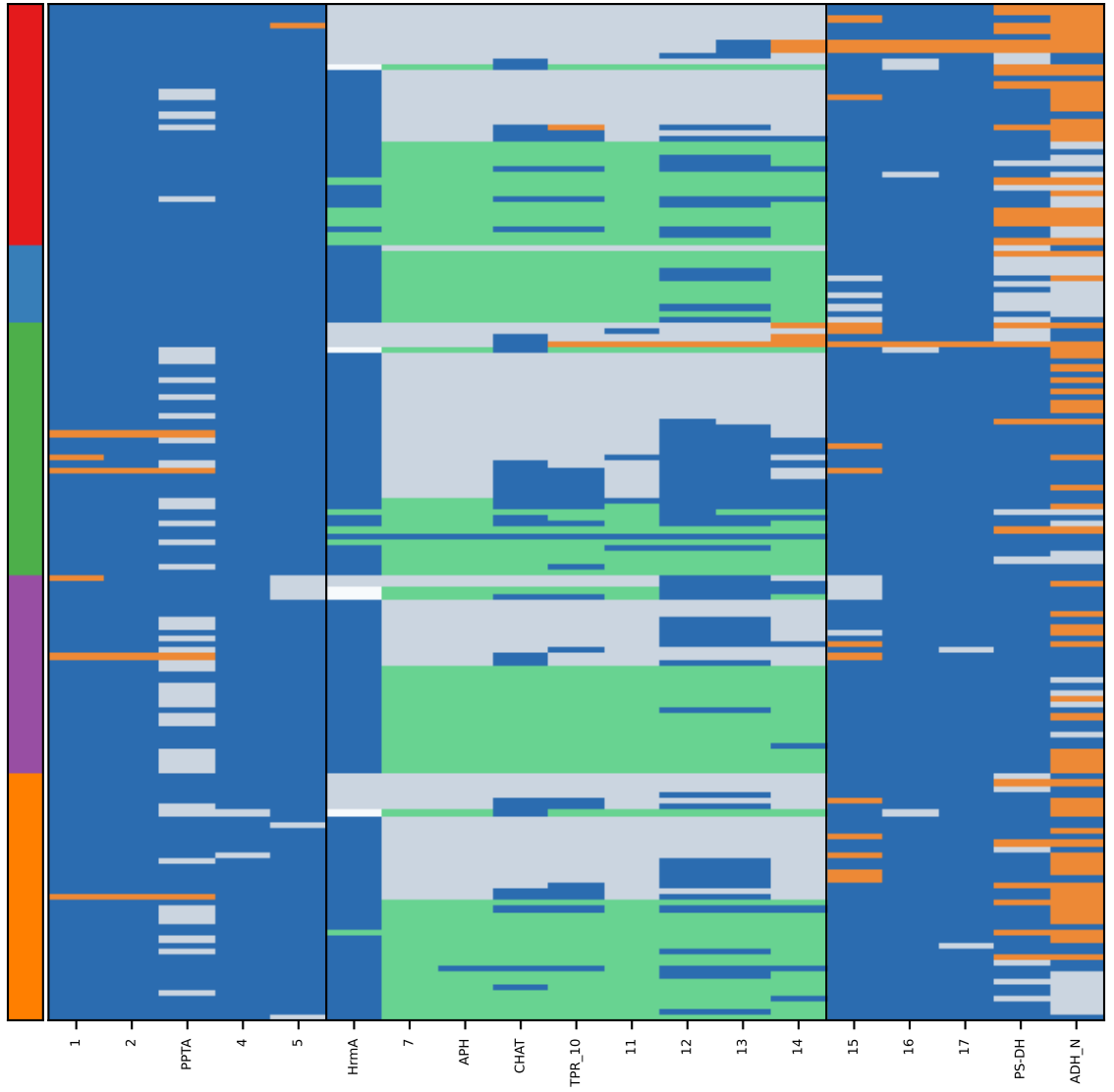


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L031 7 genes content 89% of 169 strains type: content_variants

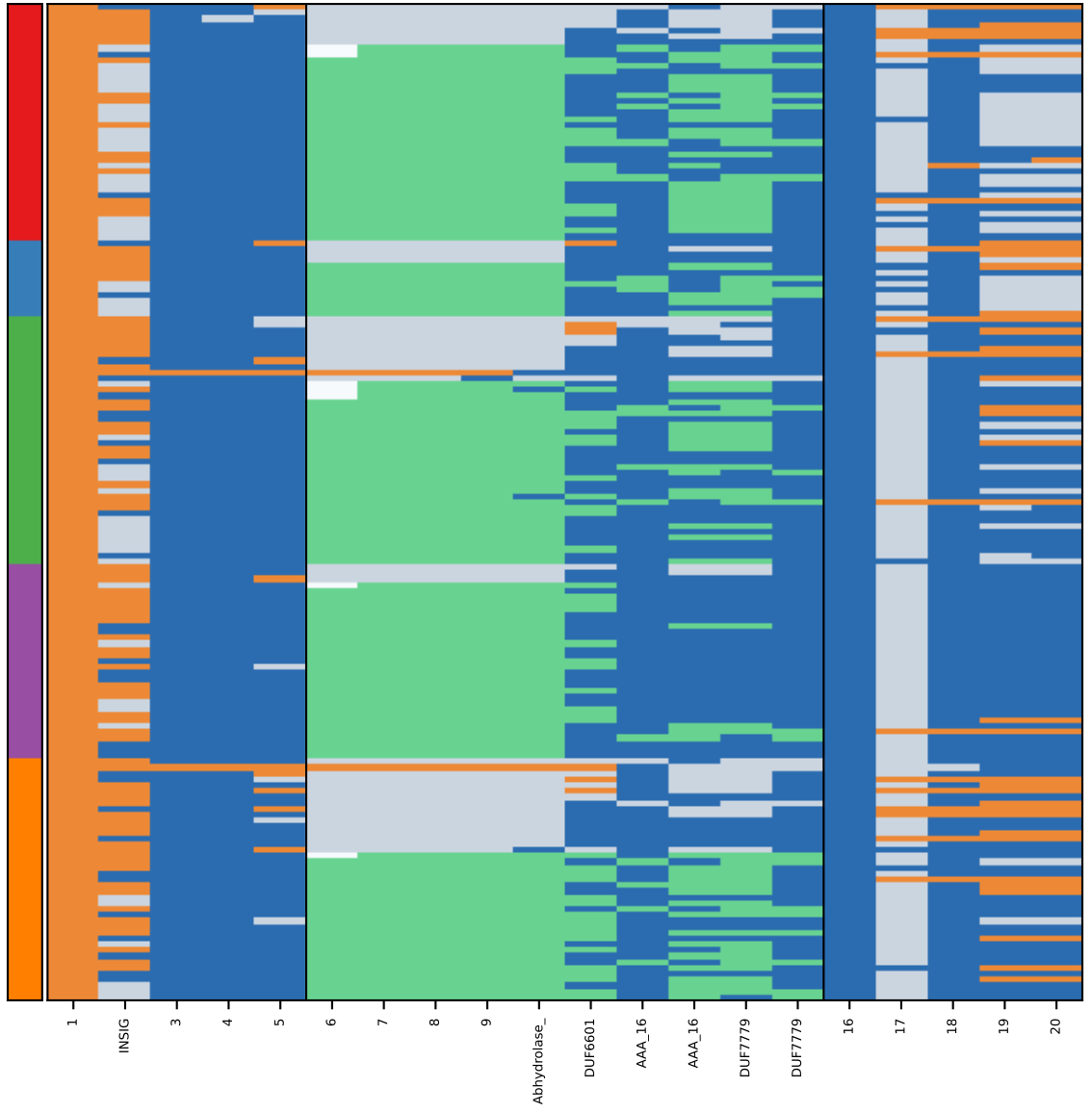


L032 9 genes content 55% of 169 strains type: content_variants

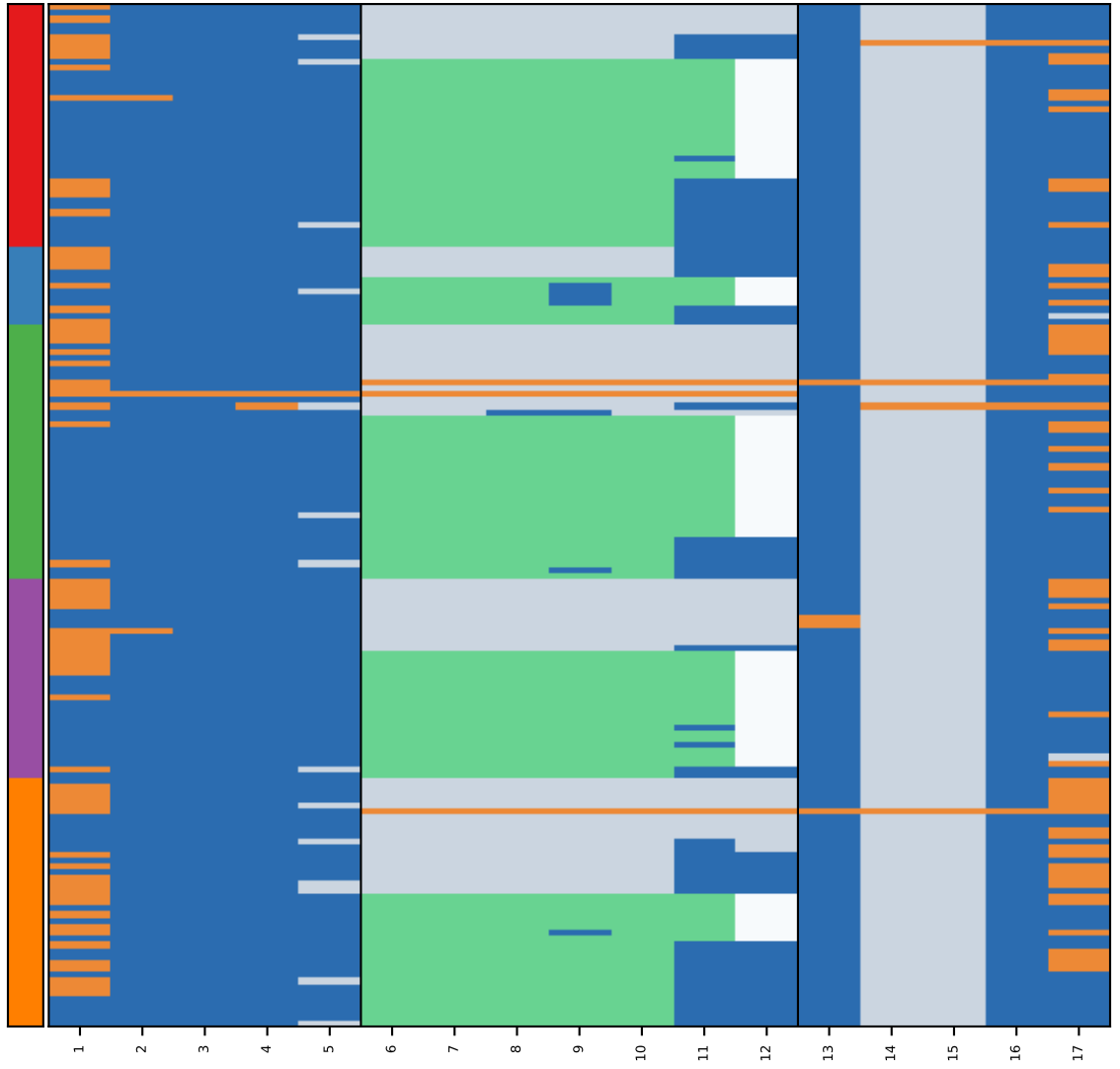


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L033 10 genes content 83% of 169 strains type: content_variants

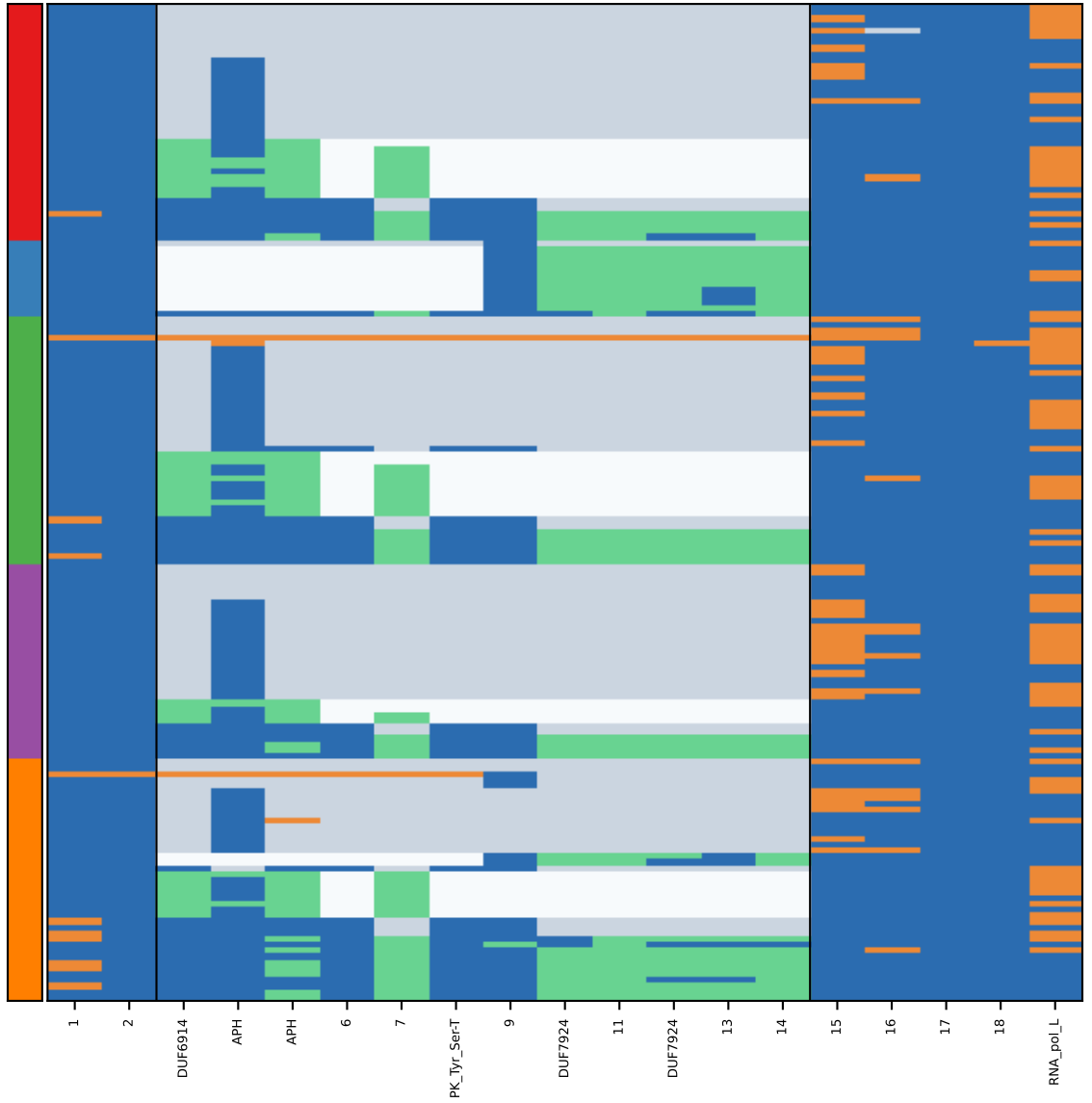


L034 7 genes content 64% of 169 strains type: swap_candidate

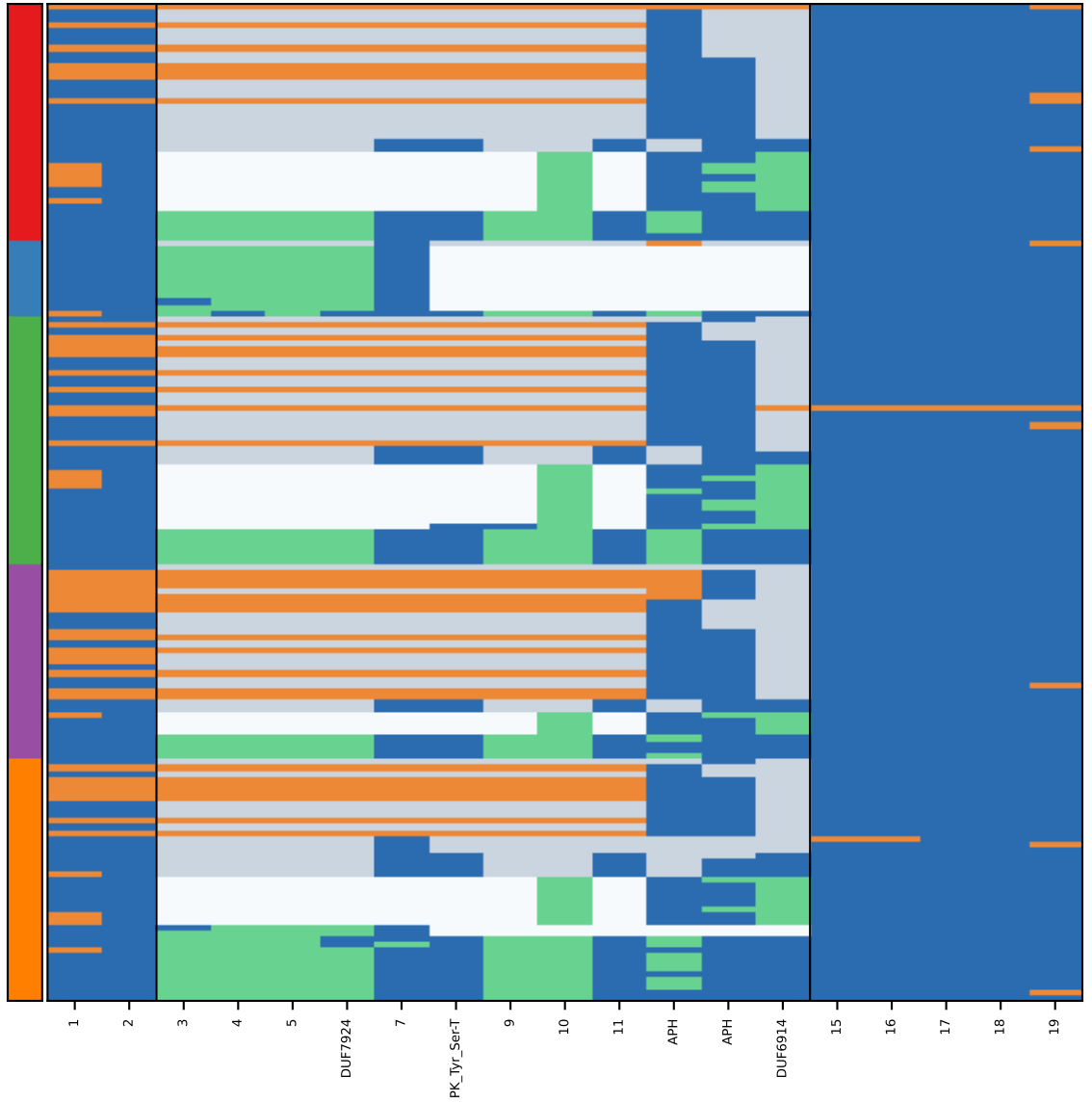


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L035 12 genes content 29% of 169 strains type: unresolved

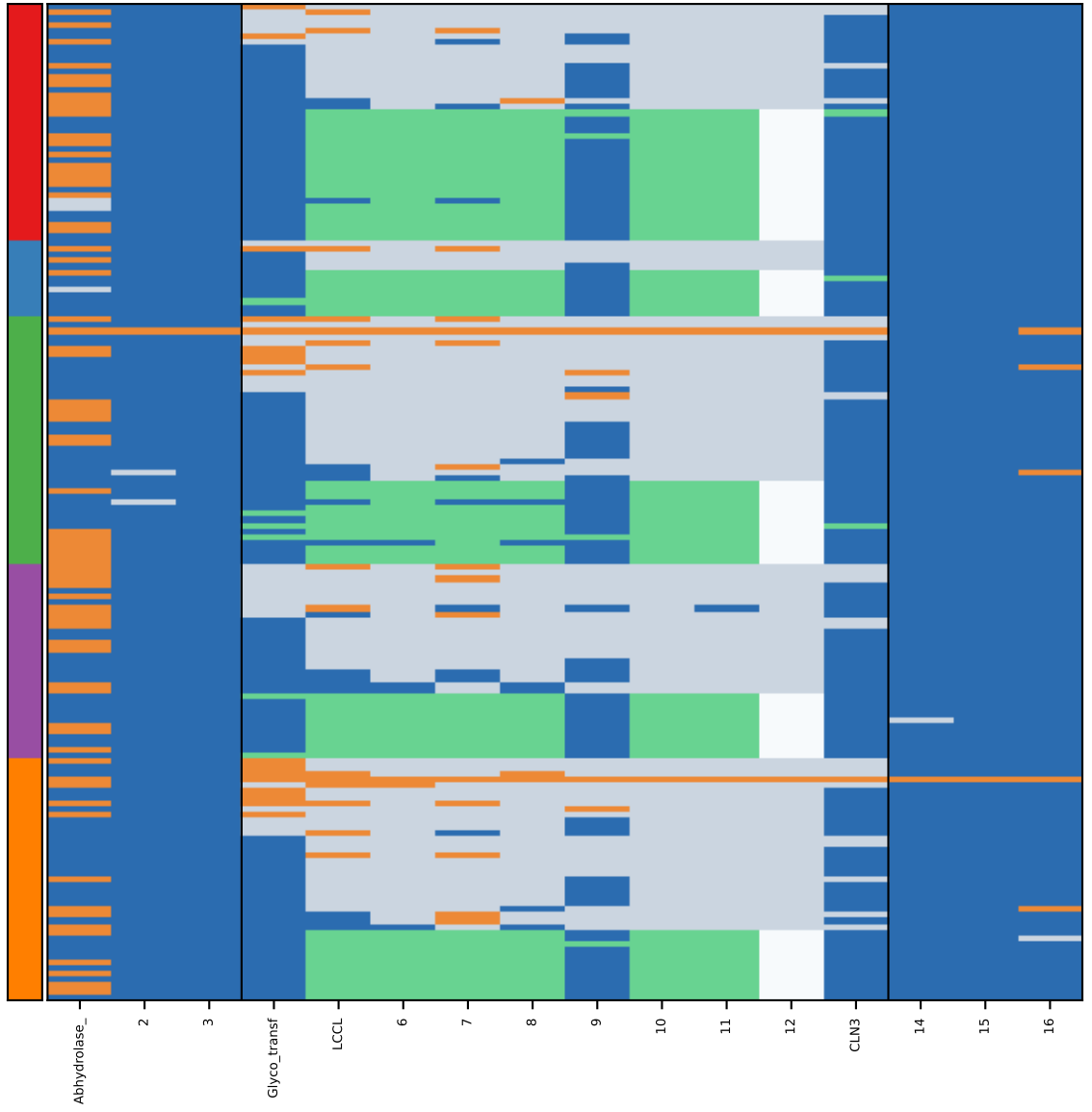


L036 12 genes content 17% of 169 strains type: unresolved

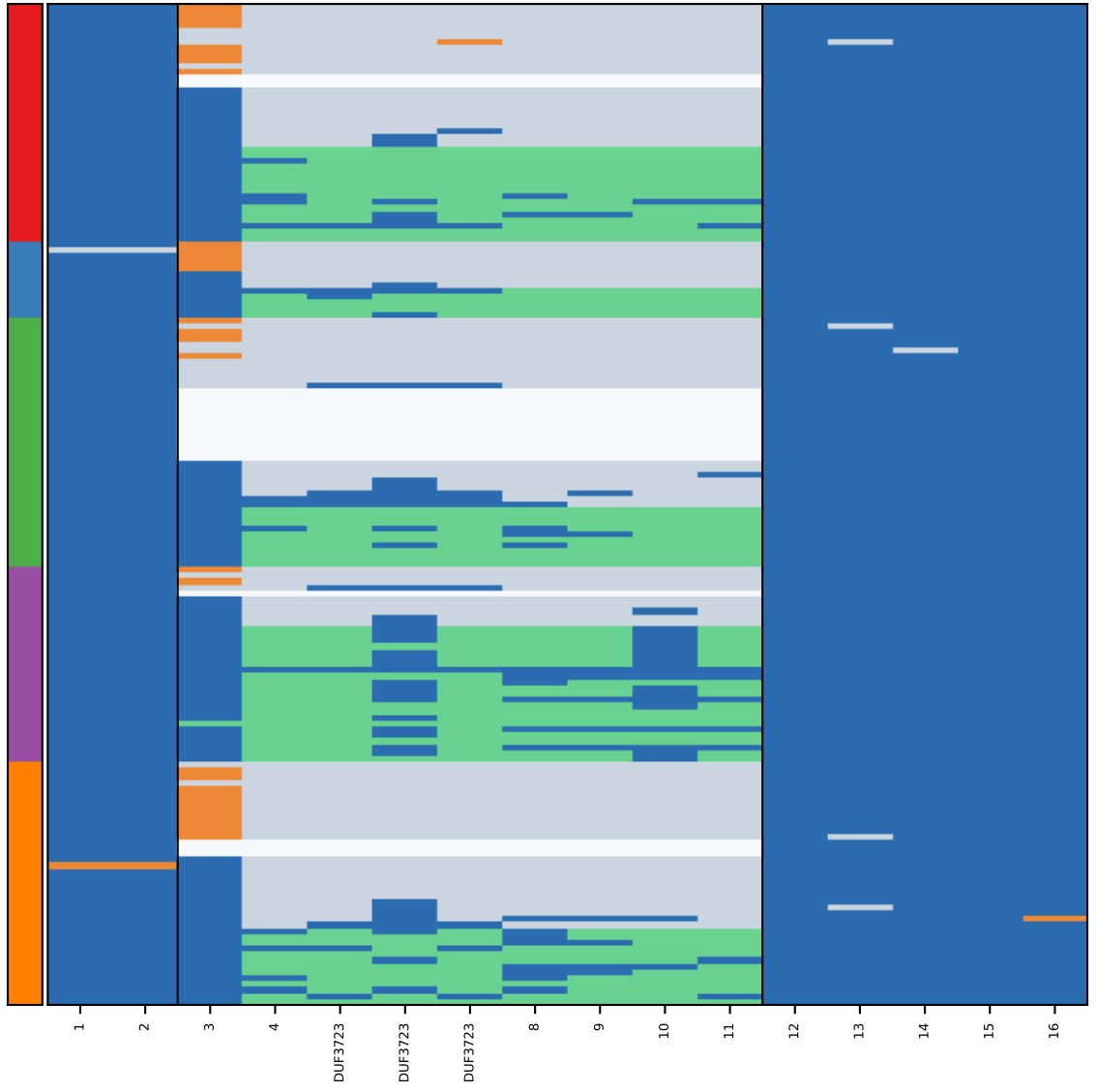


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

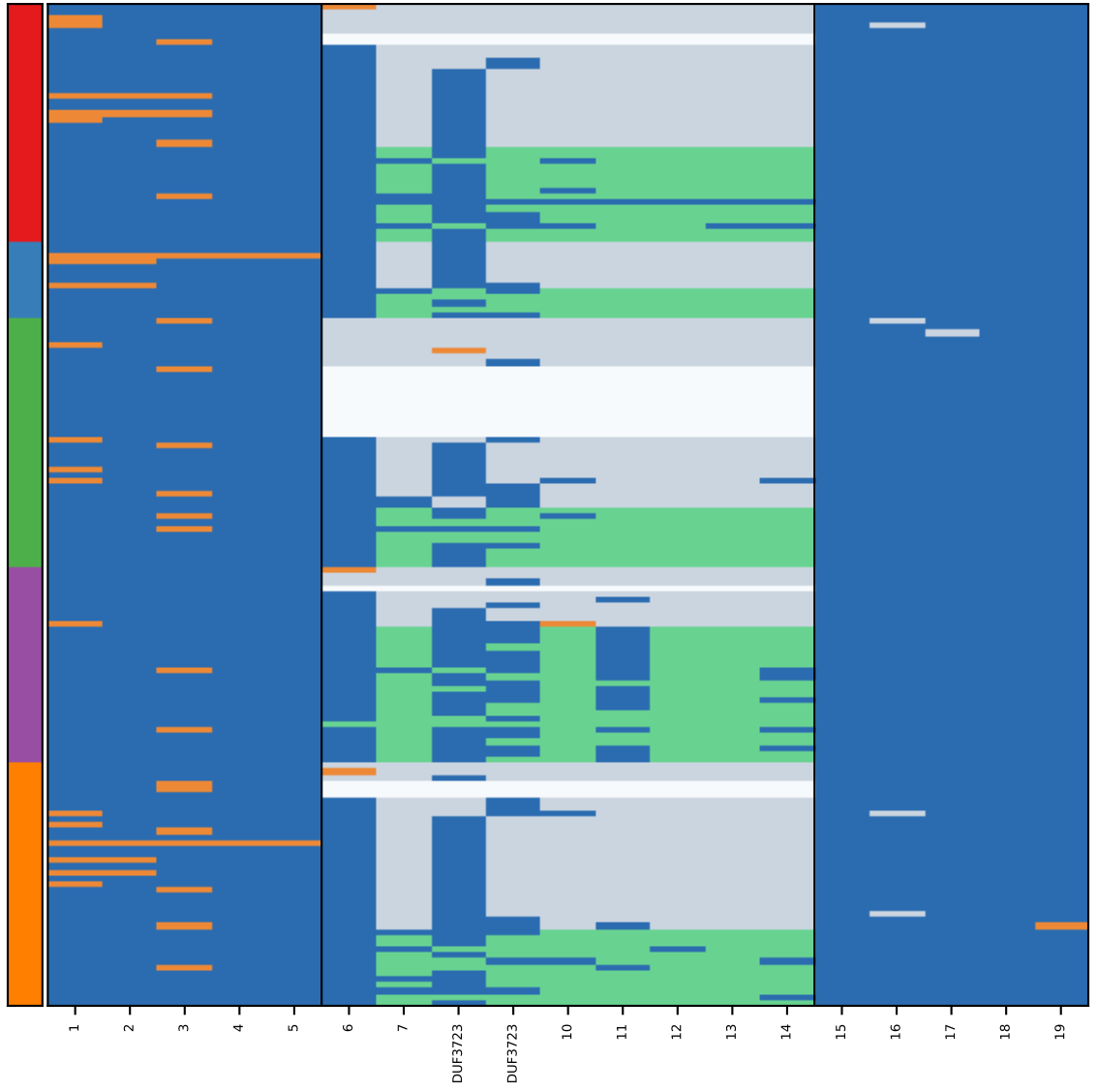
L037 10 genes content 43% of 169 strains type: unresolved



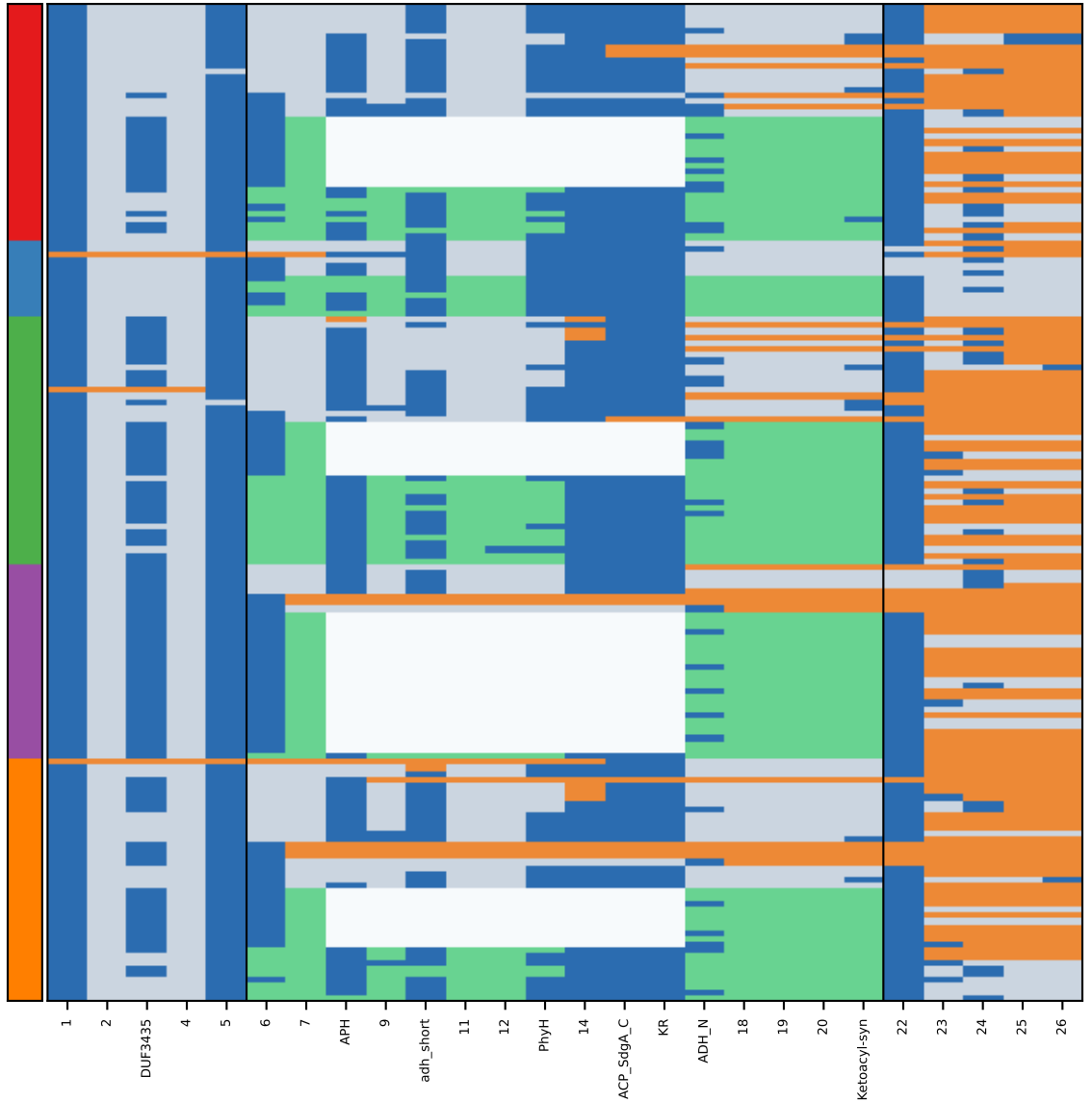
L038 9 genes content 42% of 169 strains type: presence_absence



L039 9 genes content 40% of 169 strains type: presence_absence

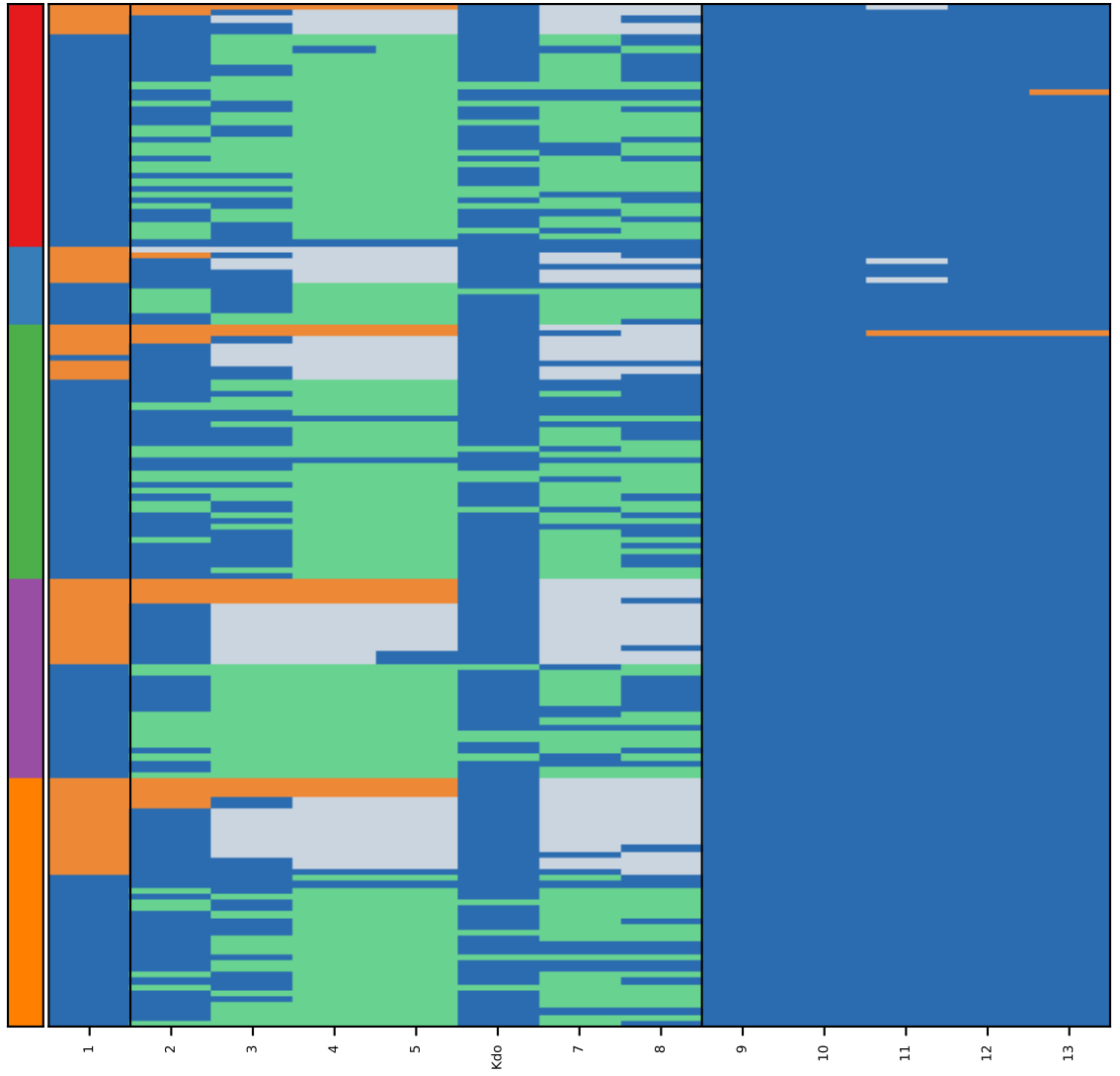


L040 16 genes content 27% of 169 strains type: swap_candidate

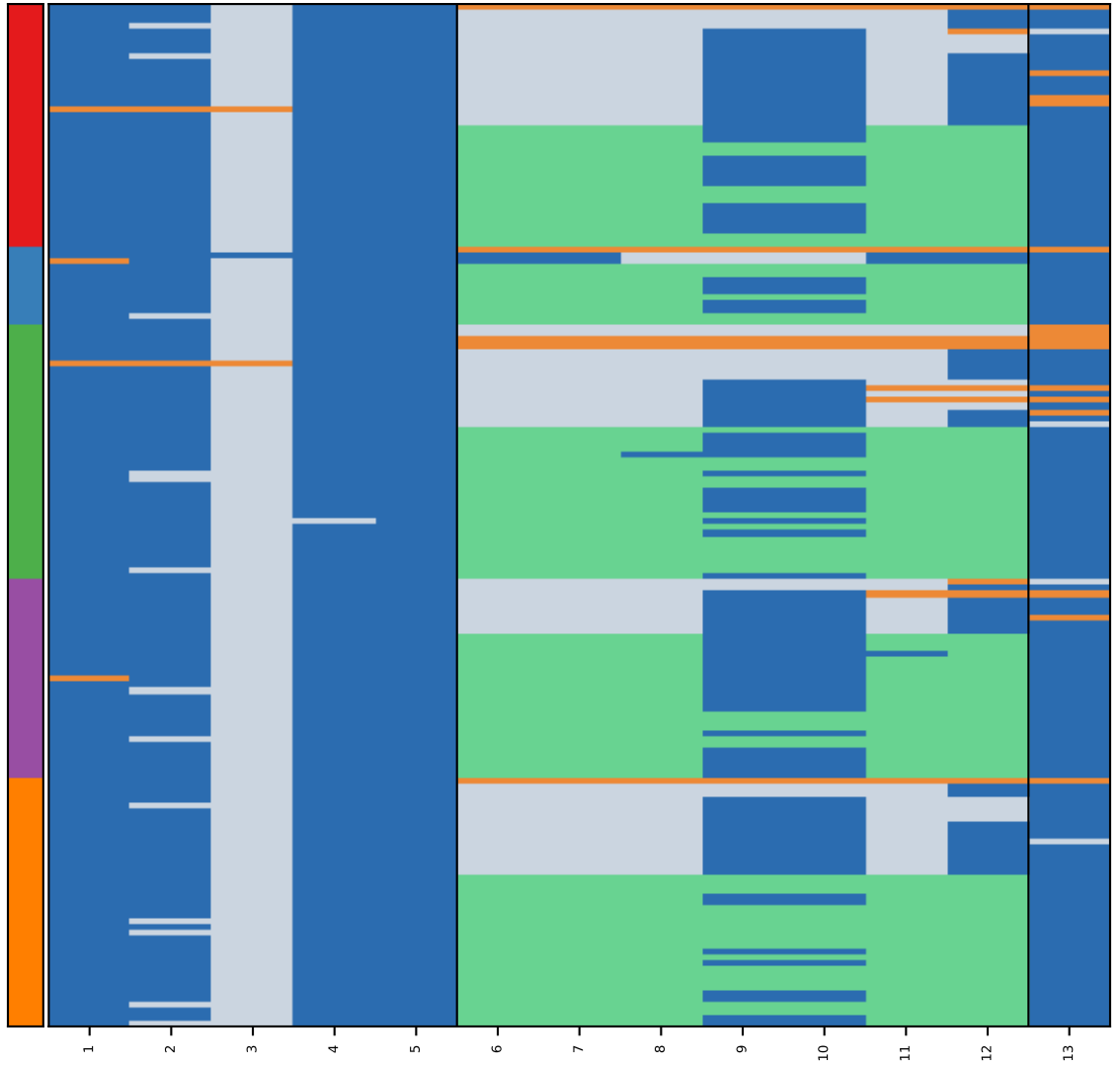


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L041 7 genes content 73% of 169 strains type: content_variants

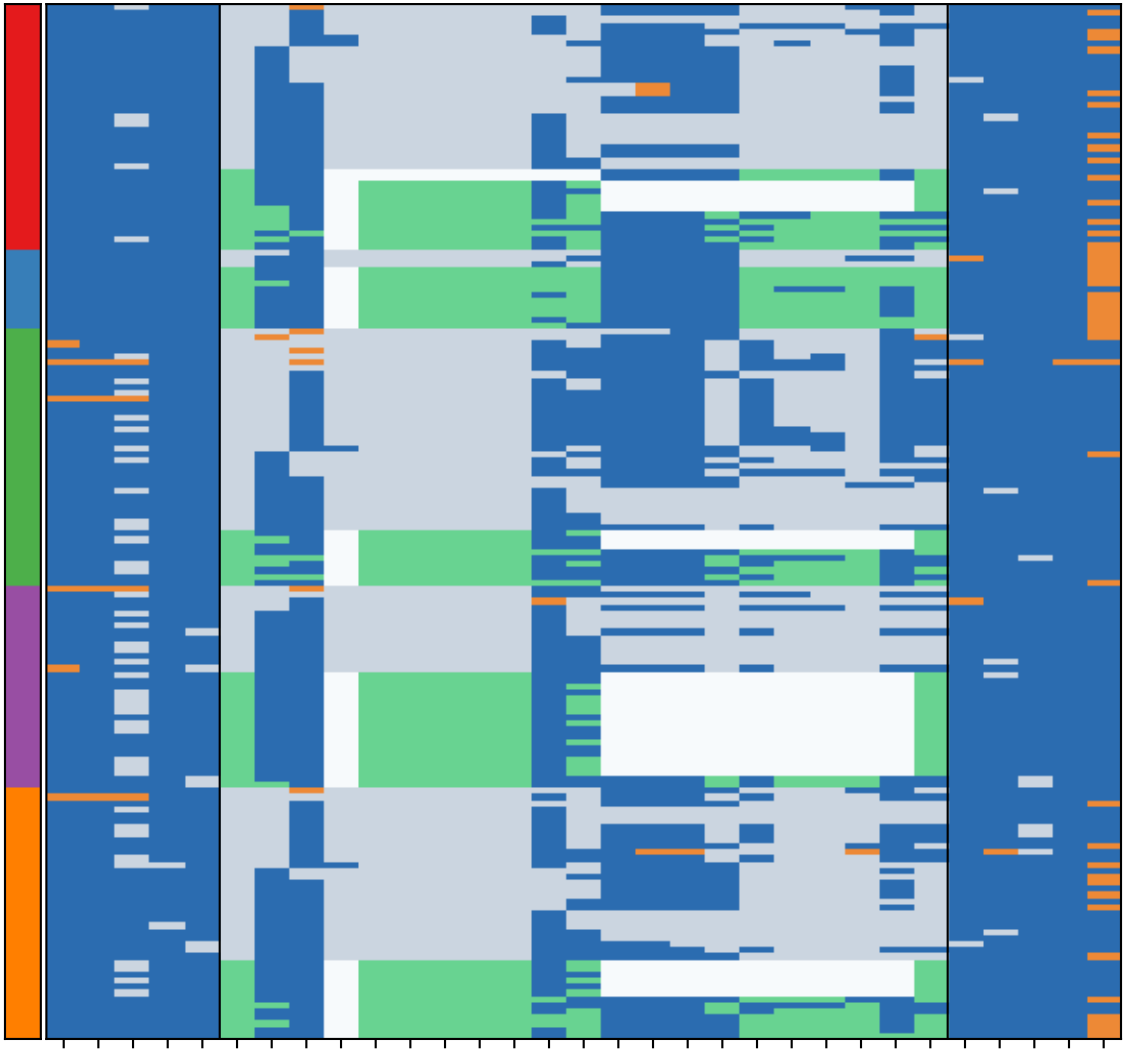


L042 7 genes content 63% of 169 strains type: content_variants



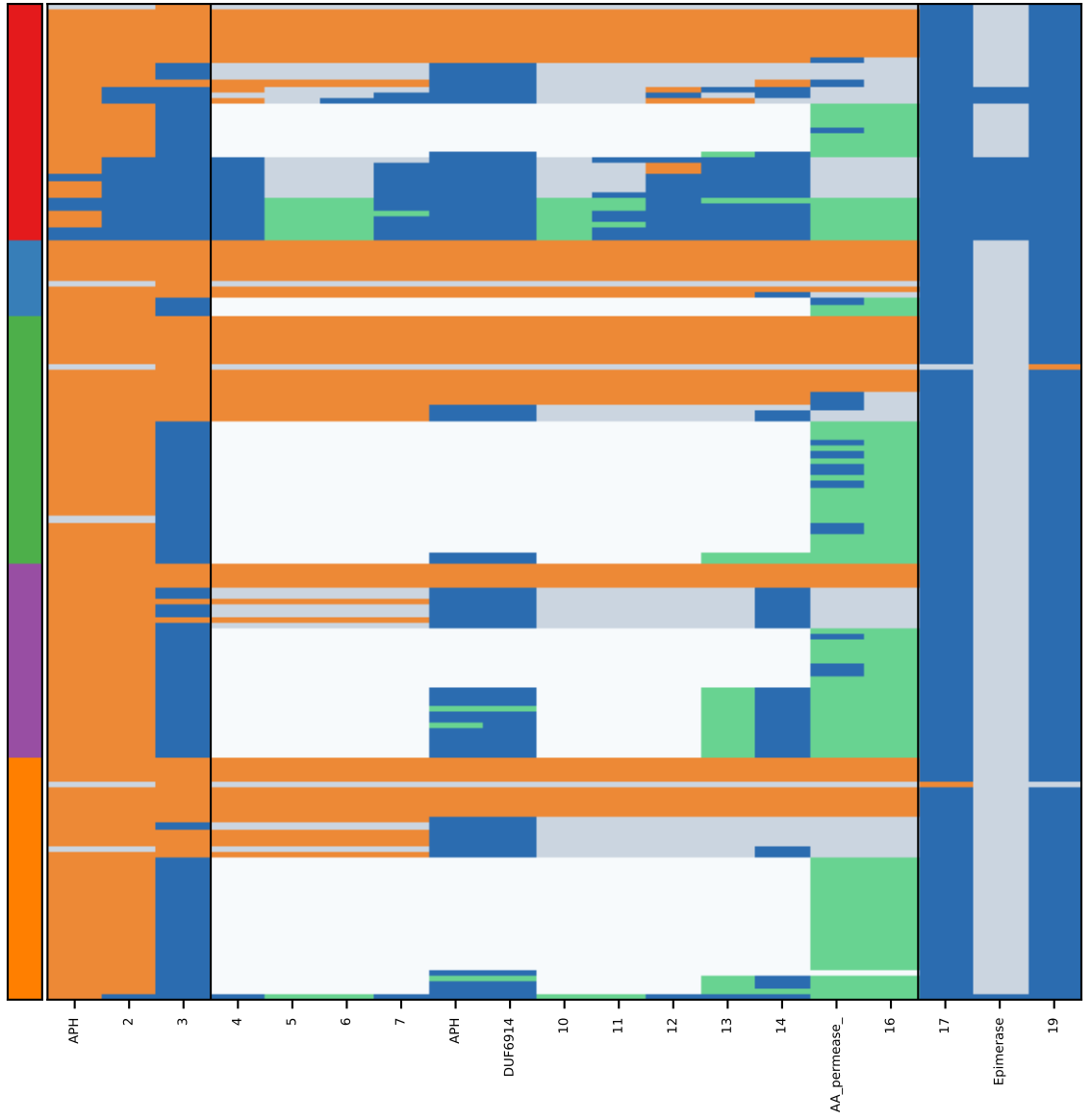
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L043 21 genes content 40% of 169 strains type: unresolved

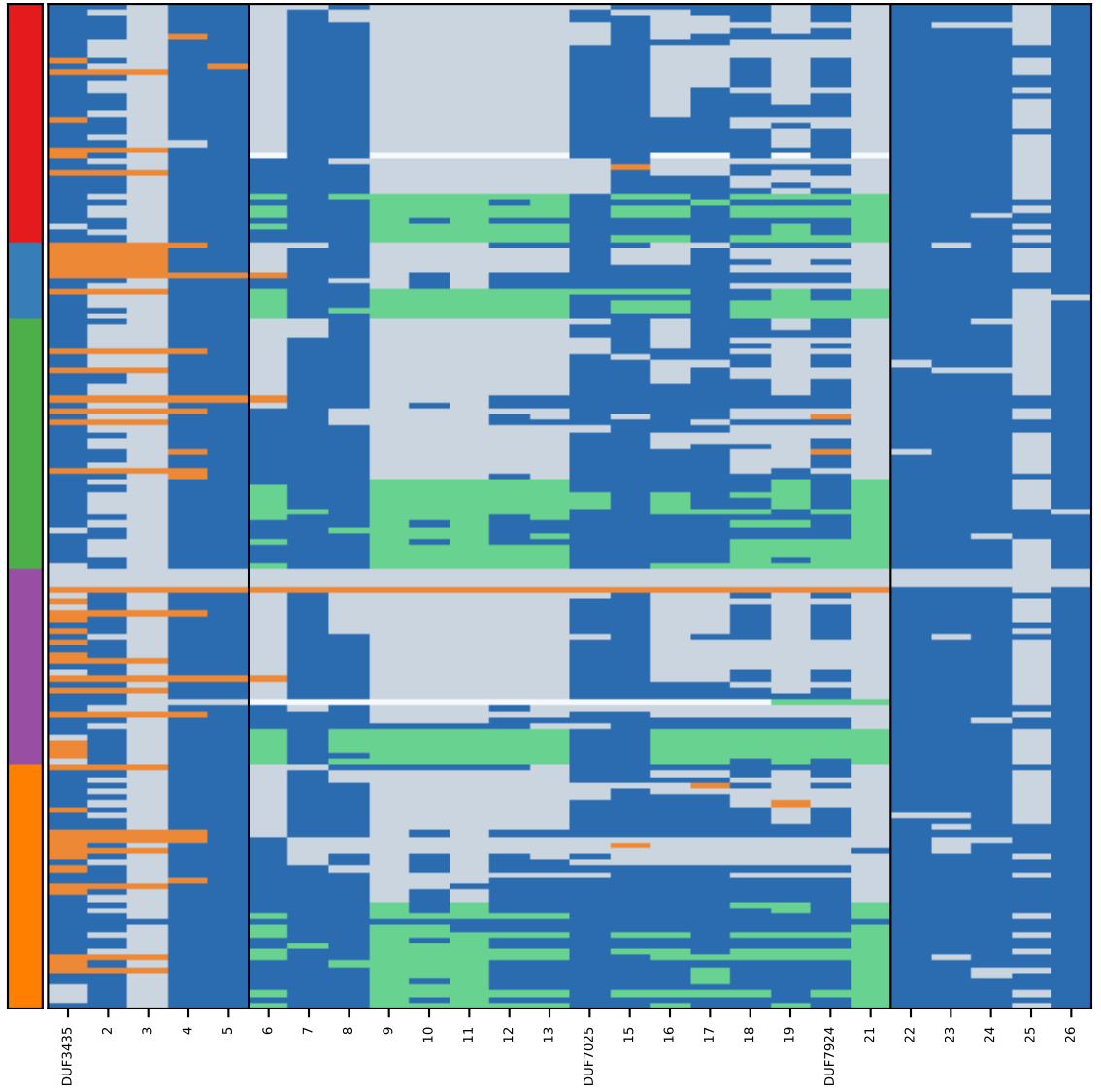


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L044 13 genes content 8% of 169 strains type: rare_content

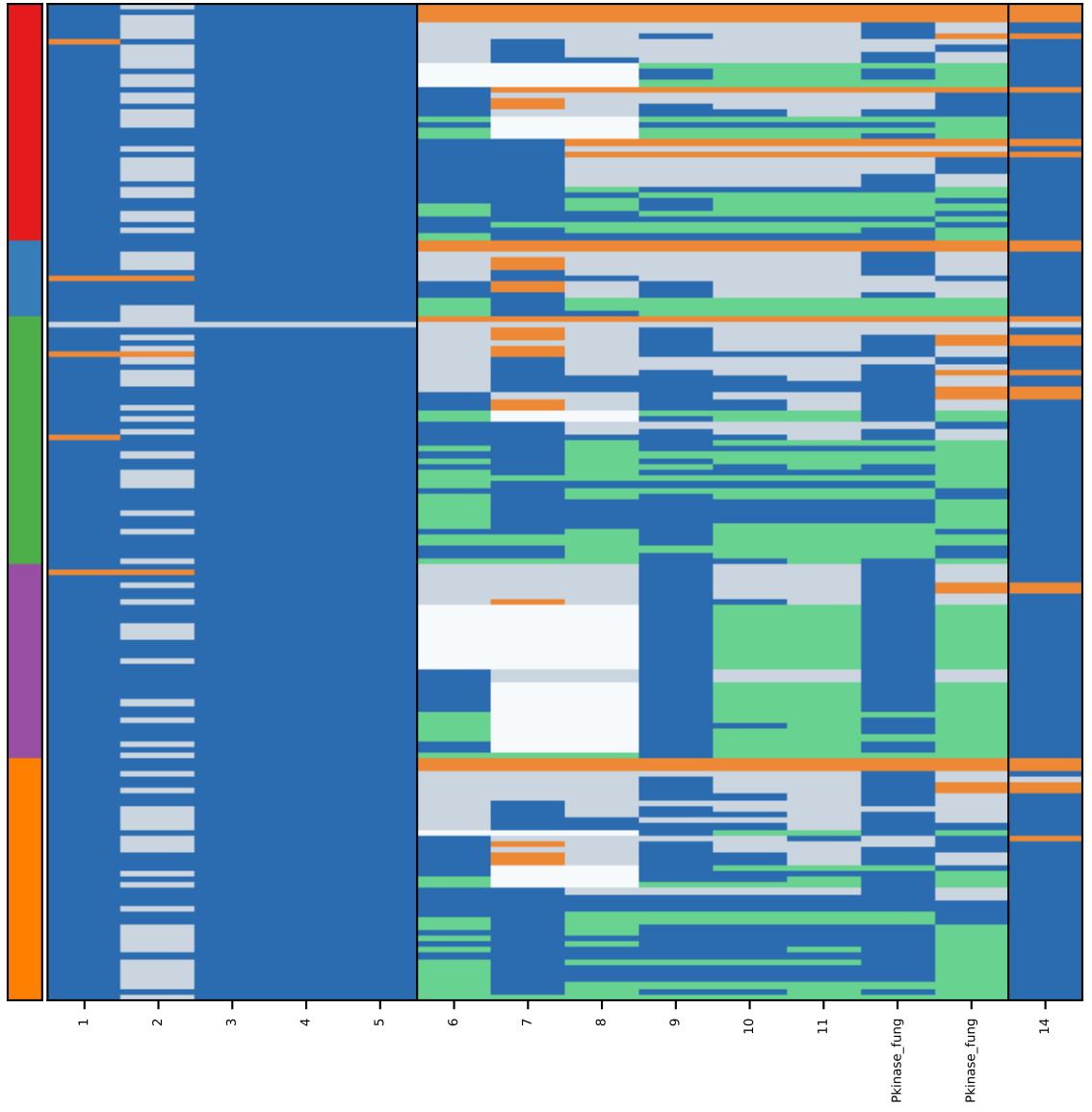


L045 16 genes content 52% of 169 strains type: unresolved

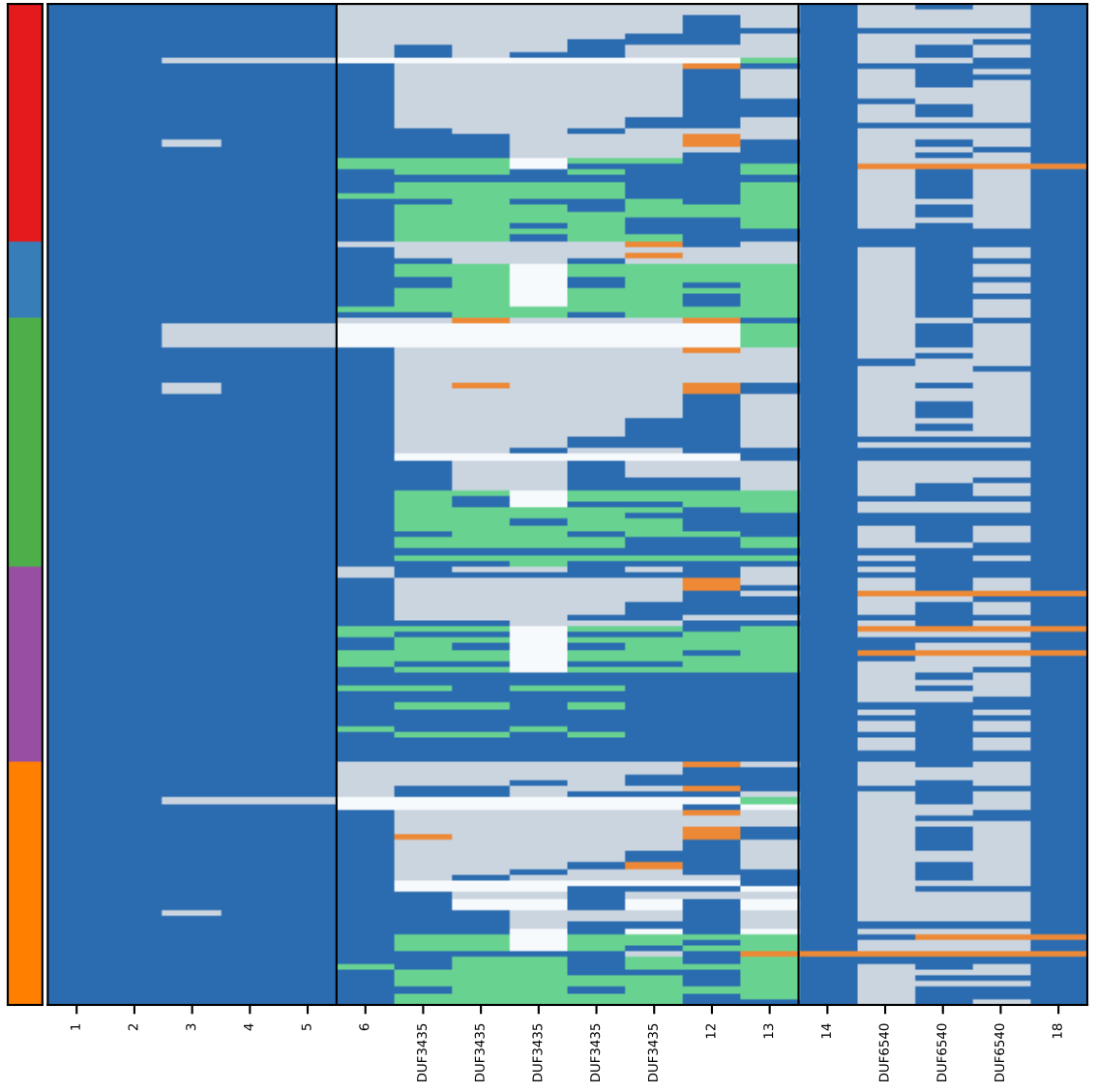


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

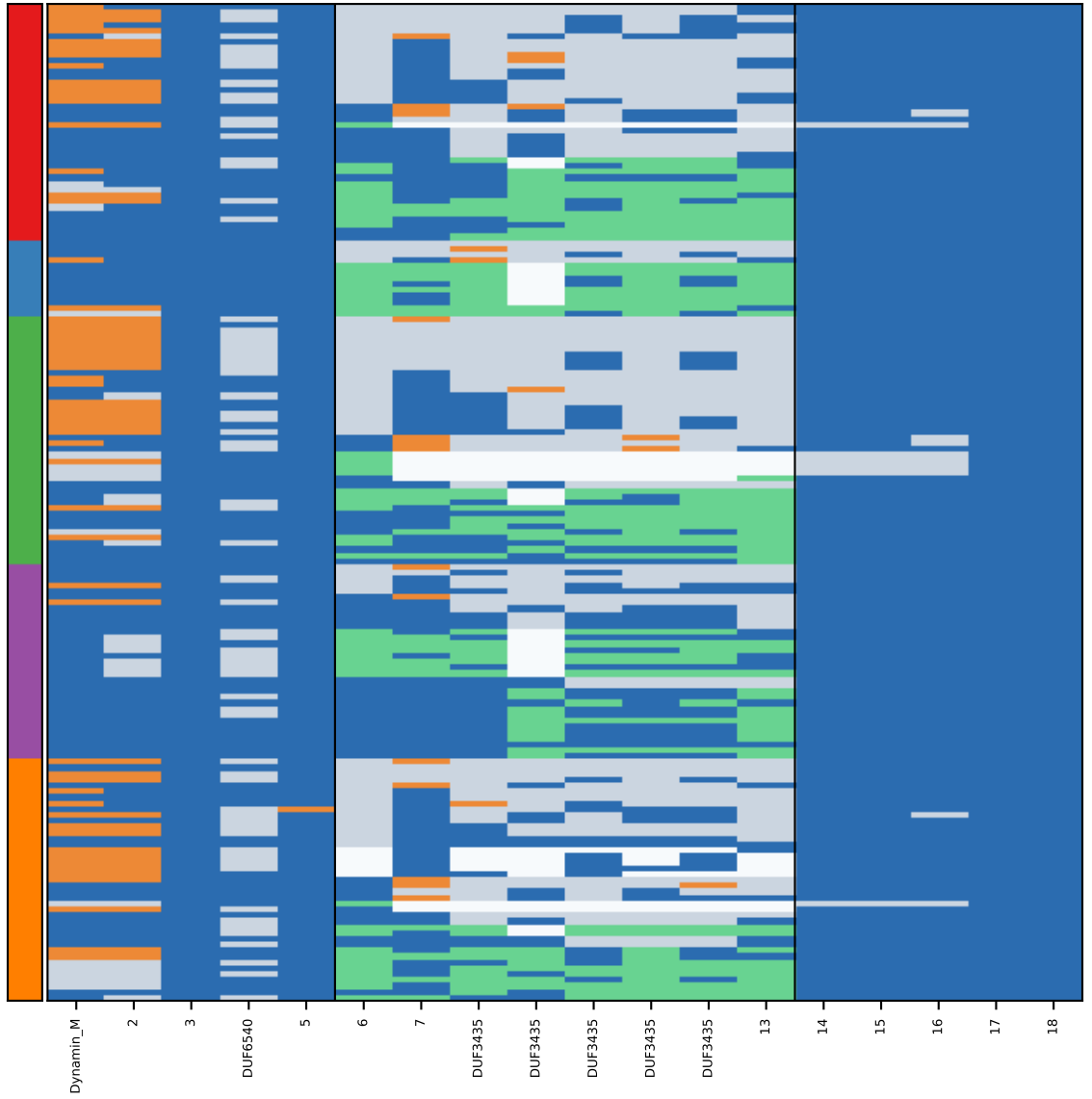
L046 8 genes content 62% of 169 strains type: swap_candidate



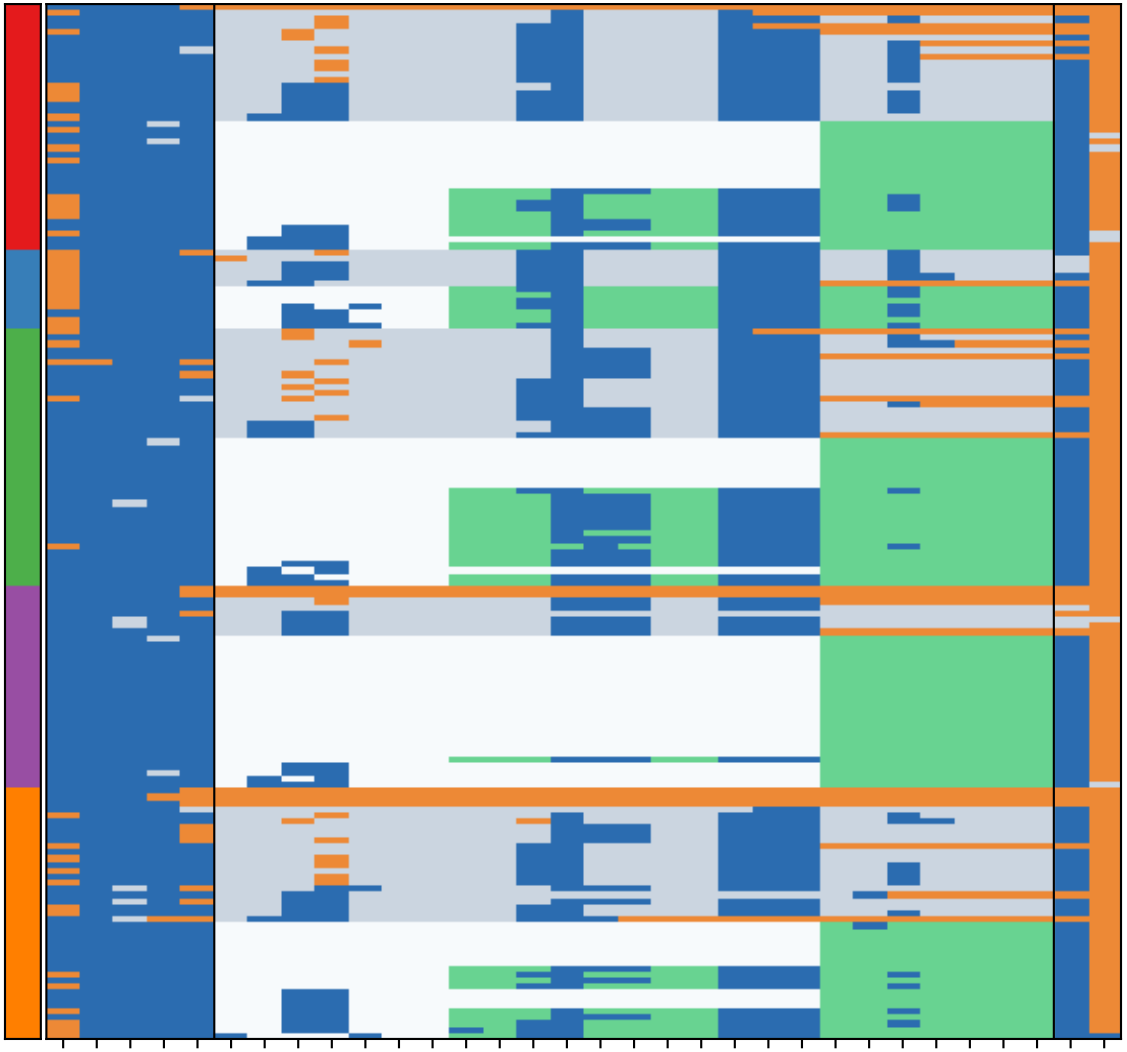
L047 8 genes content 55% of 169 strains type: swap_candidate



L048 8 genes content 54% of 169 strains type: swap_candidate

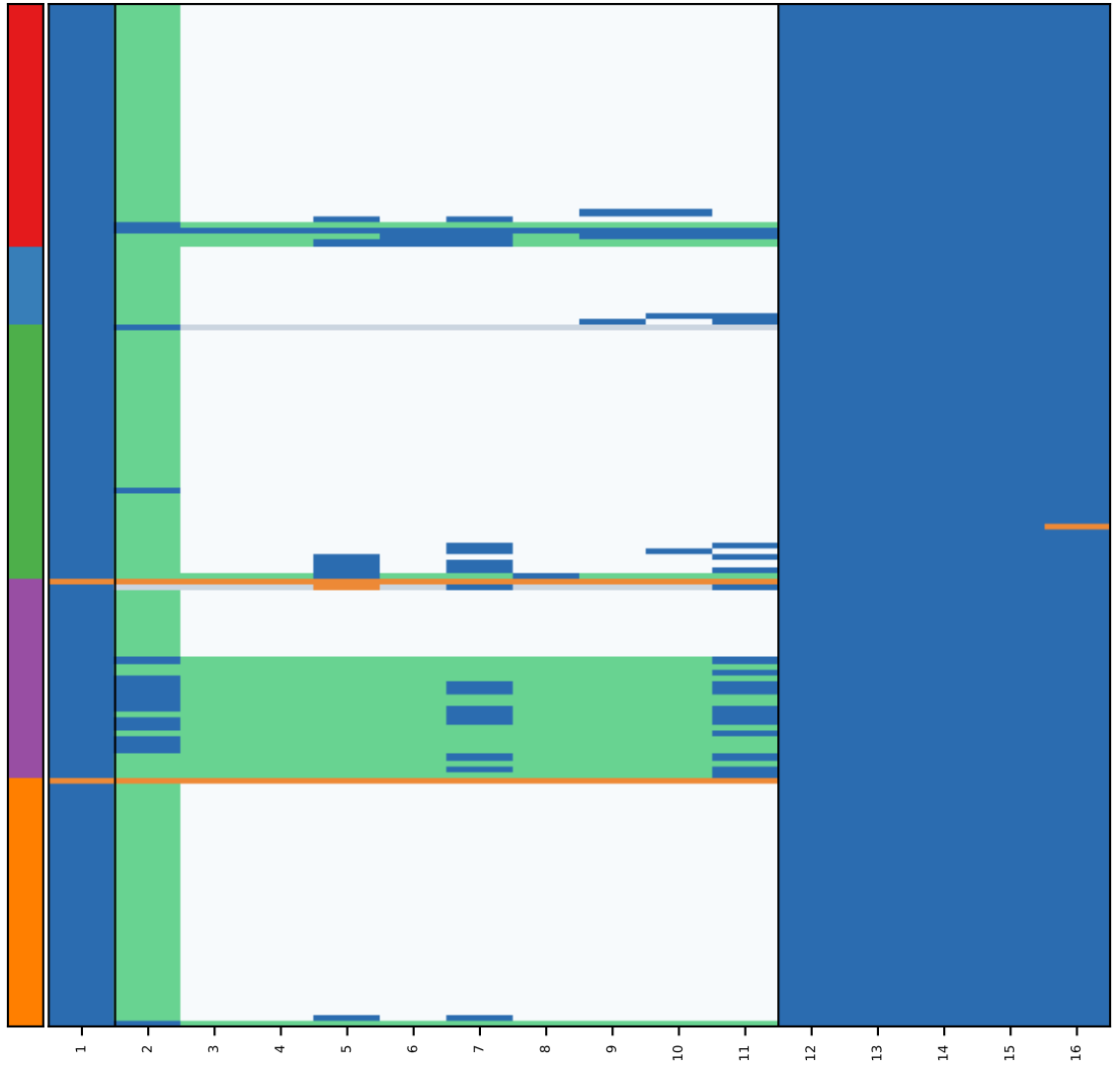


L049 25 genes content 24% of 169 strains type: swap_candidate



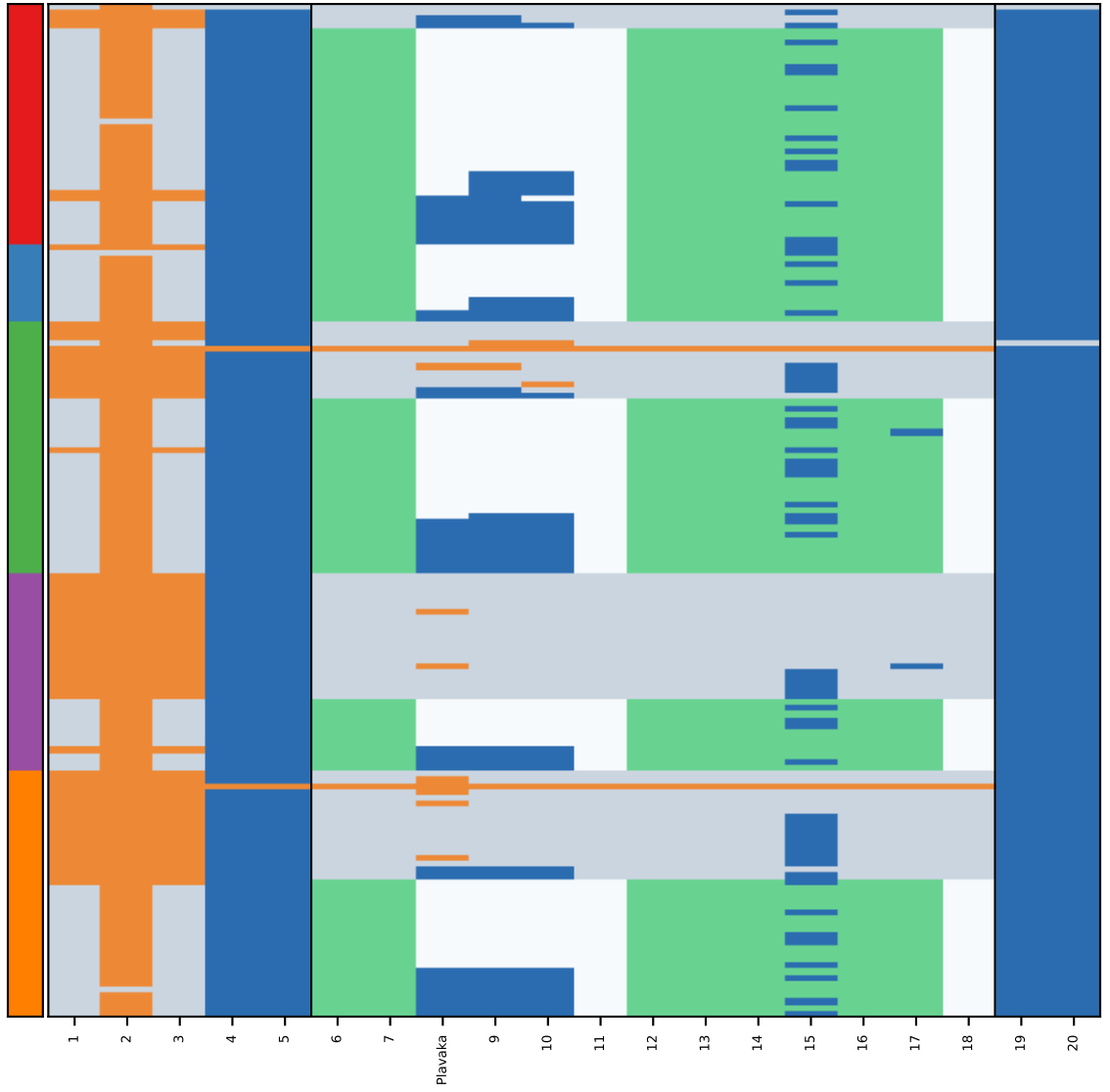
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L050 10 genes content 15% of 169 strains type: presence_absence



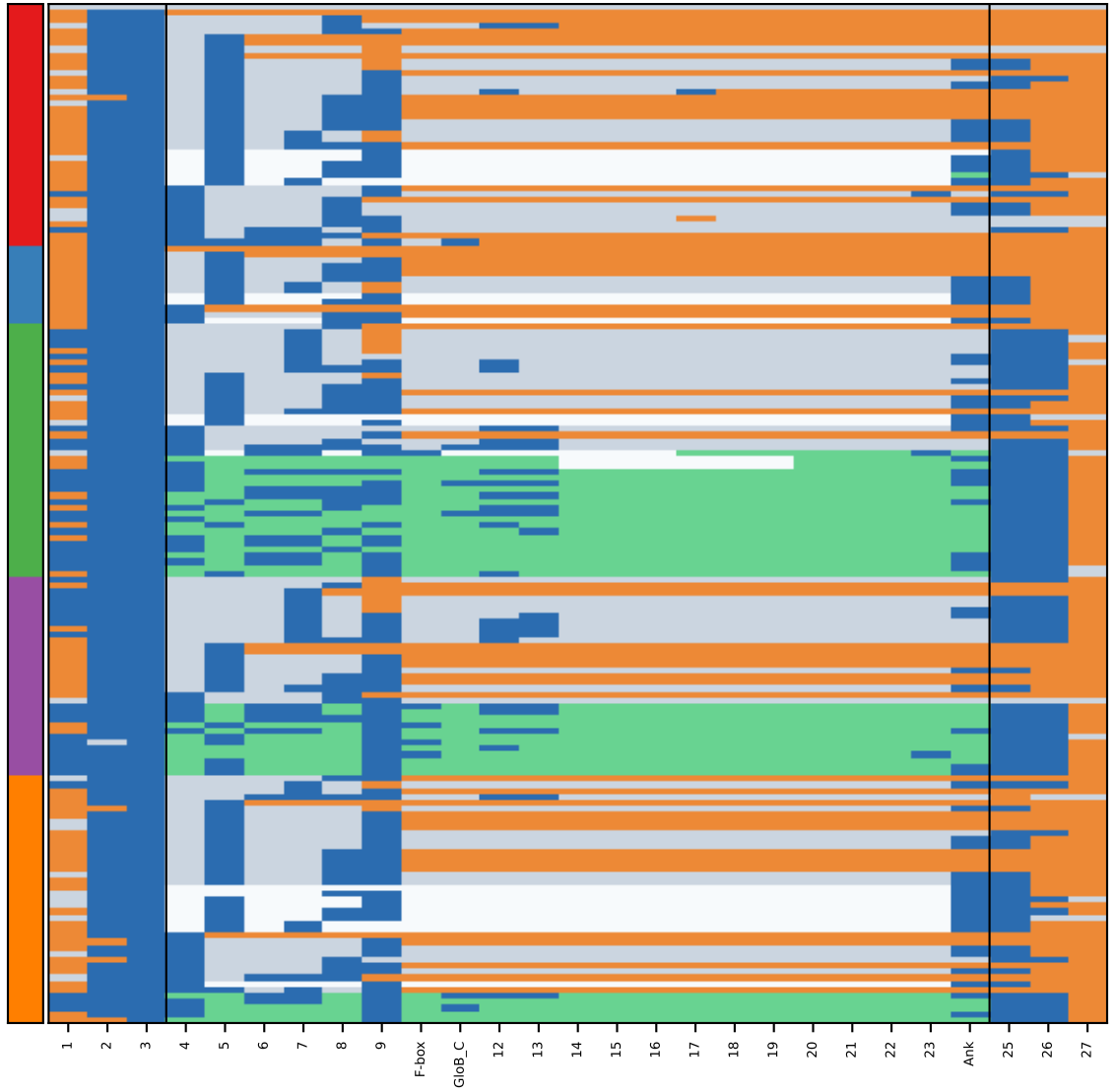
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L051 13 genes content 67% of 169 strains type: swap_candidate



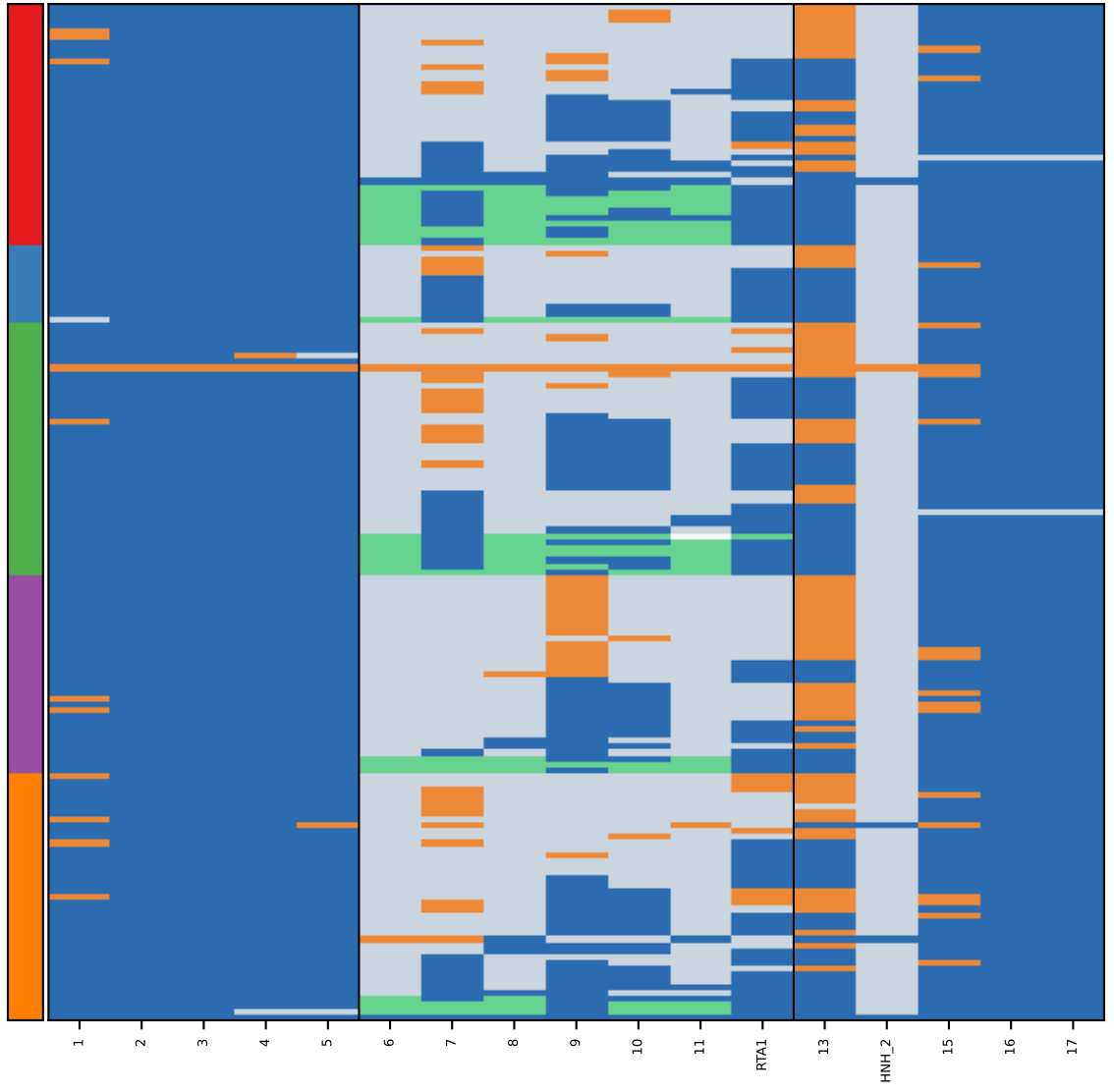
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L052 21 genes content 22% of 169 strains type: unresolved



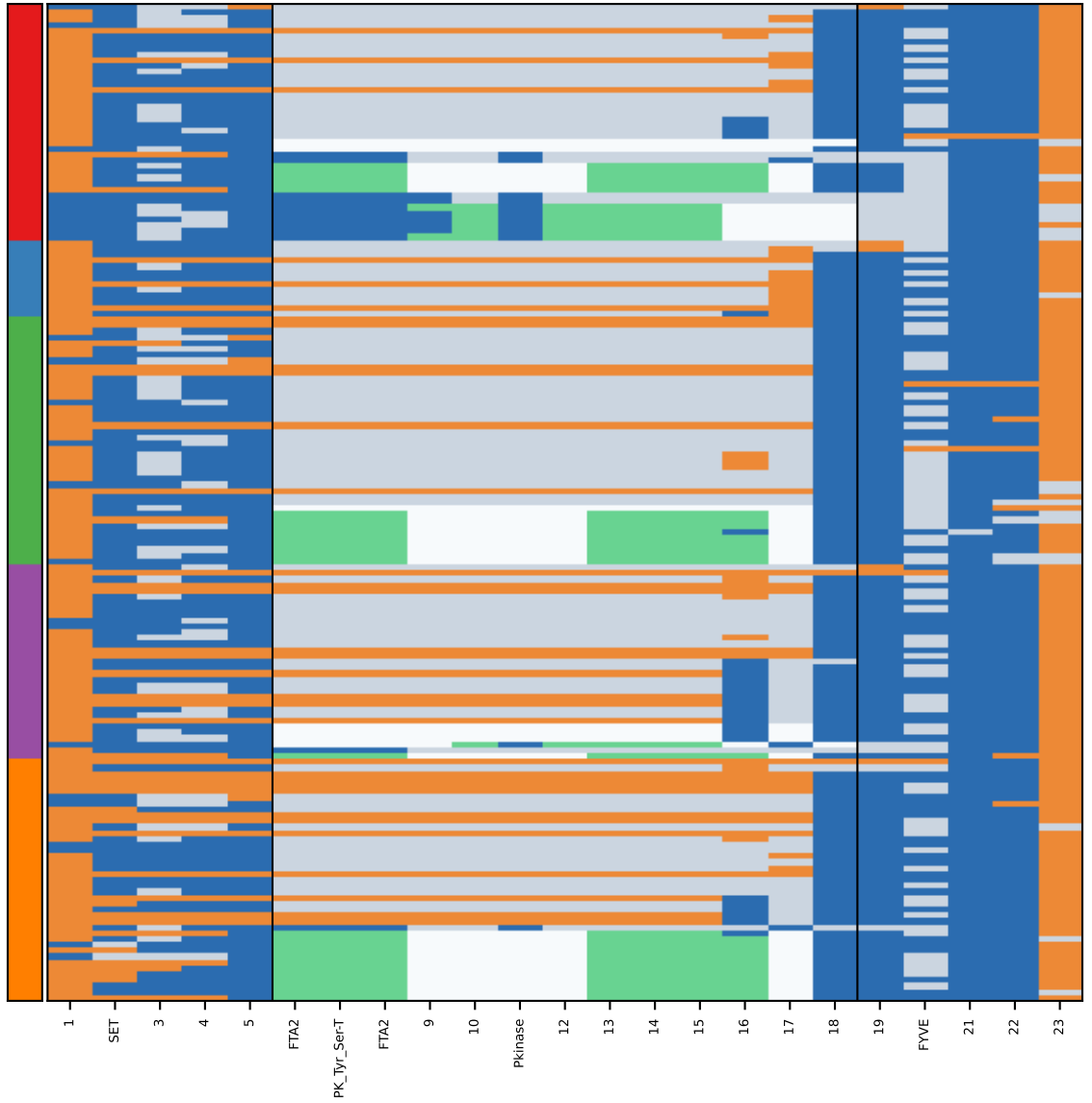
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L053 7 genes content 22% of 169 strains type: unresolved



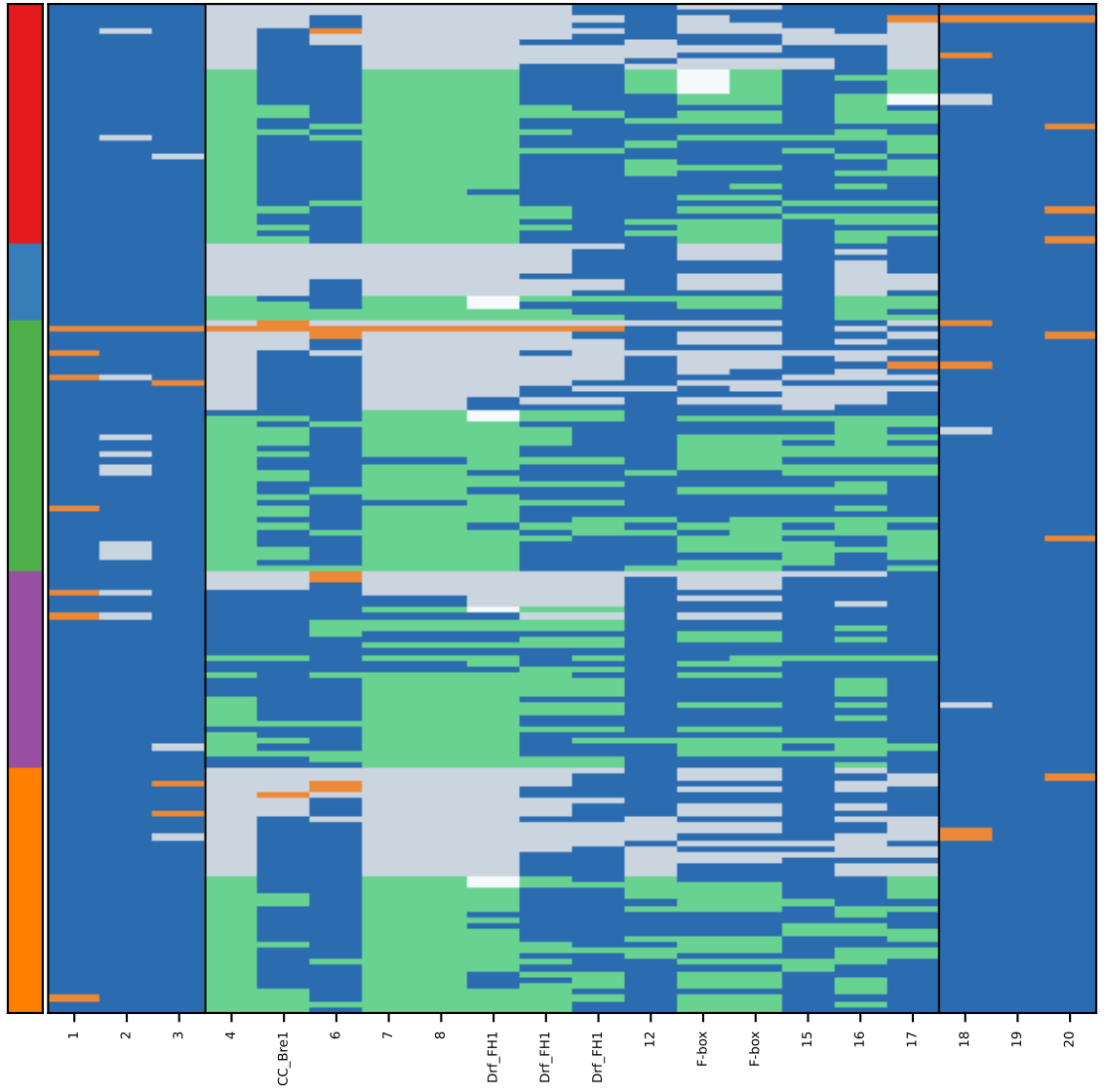
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L054 13 genes content 20% of 169 strains type: unresolved

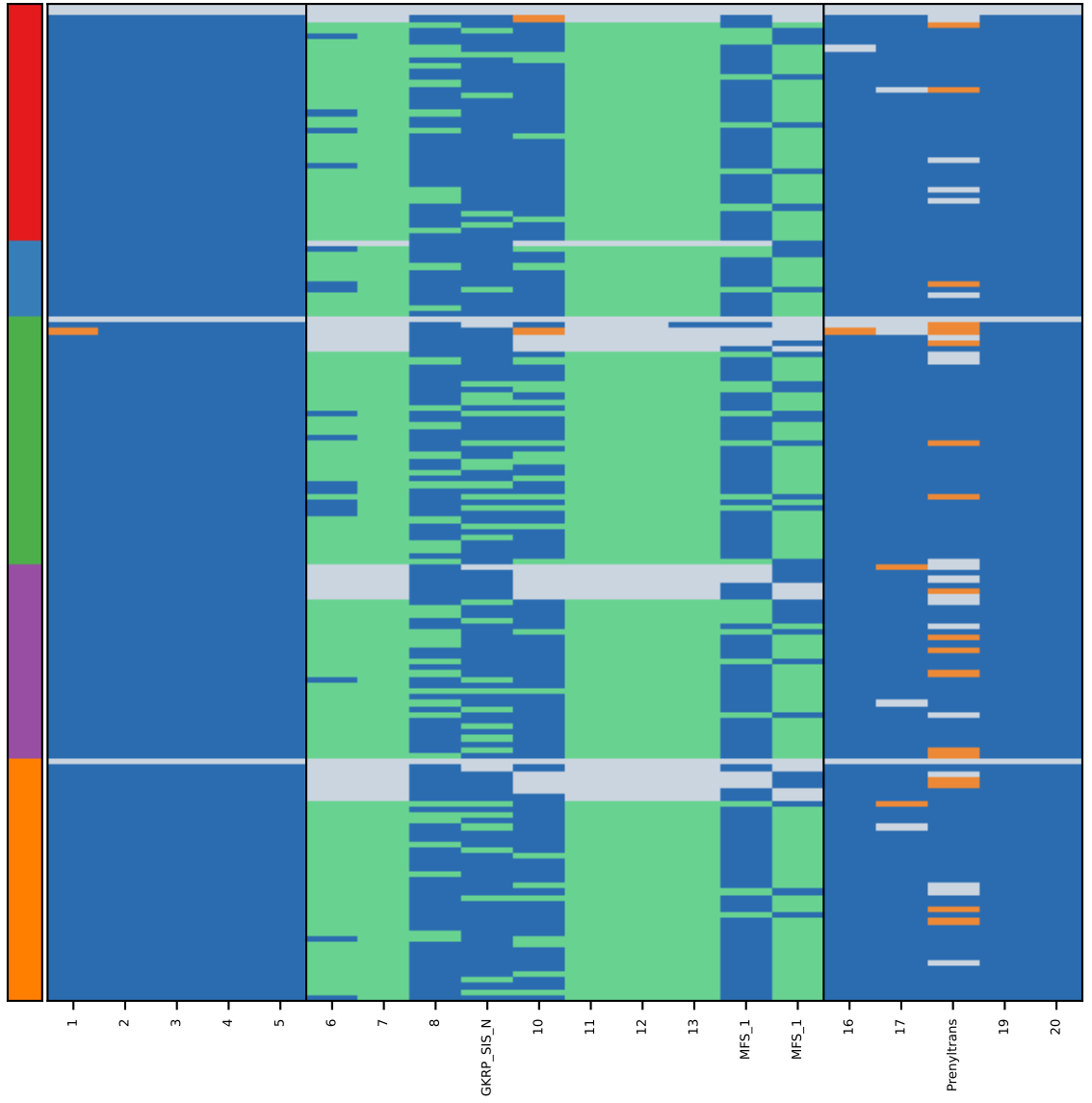


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L055 14 genes content 73% of 169 strains type: content_variants

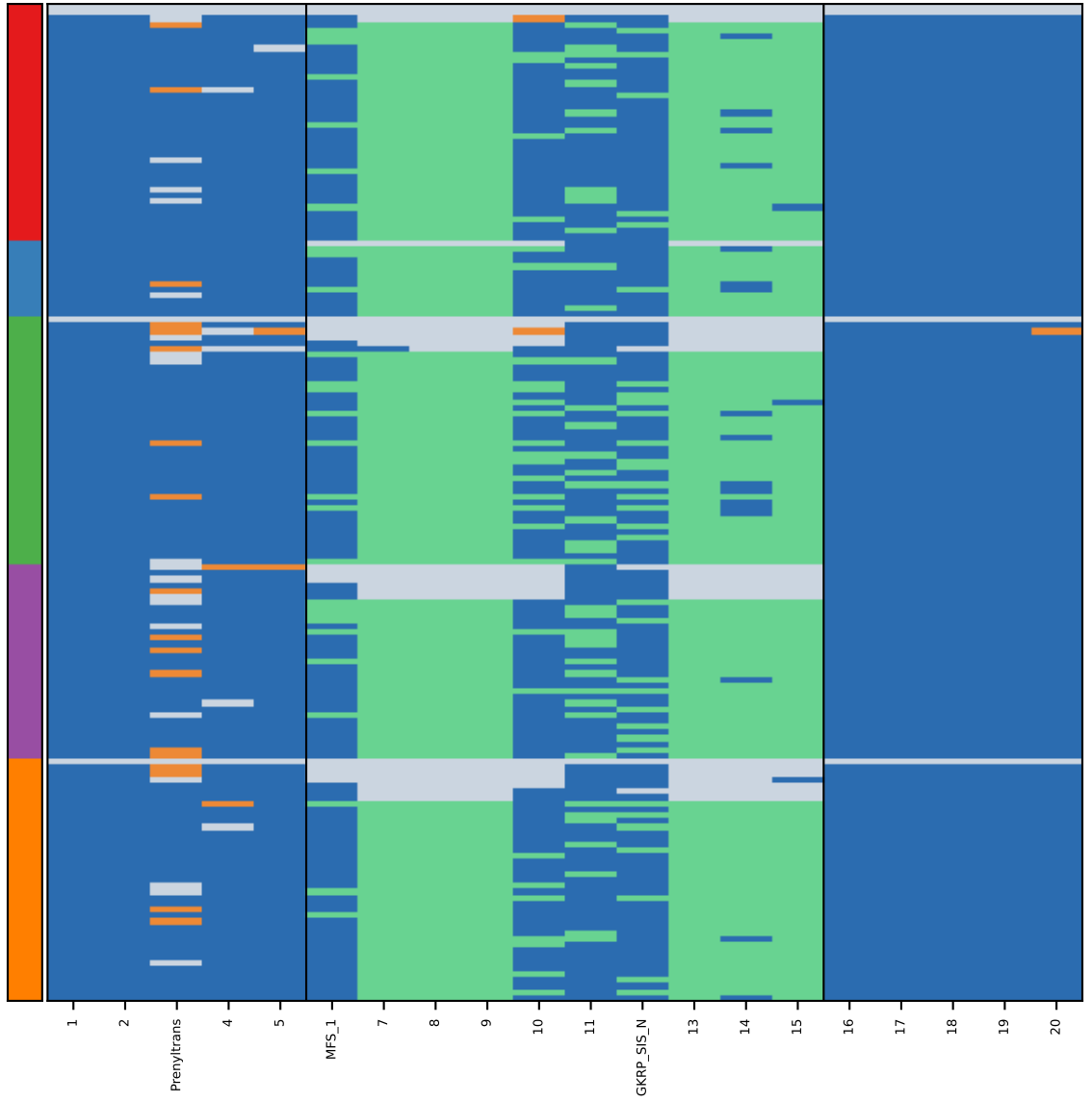


L056 10 genes content 86% of 169 strains type: content_variants

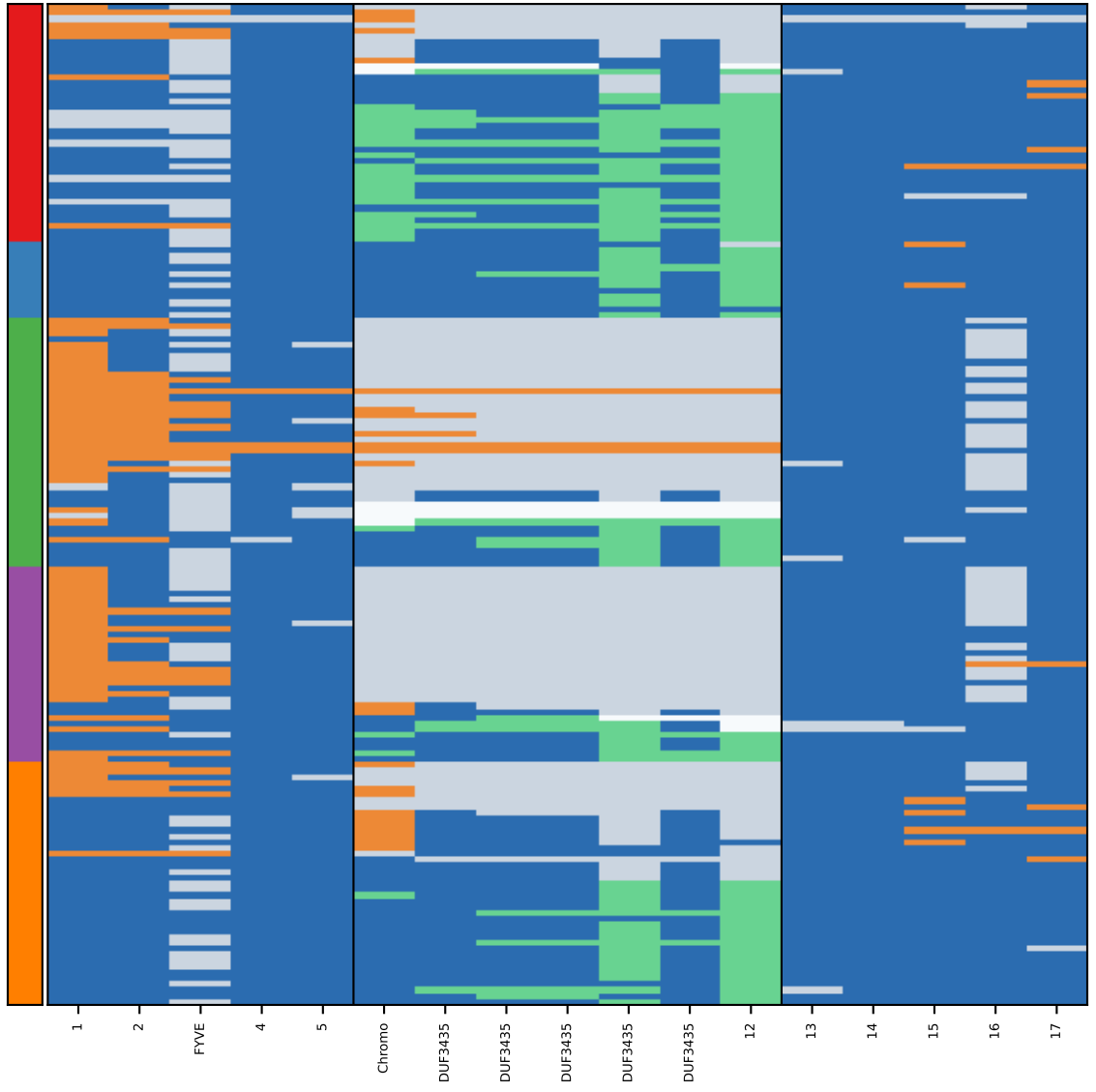


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

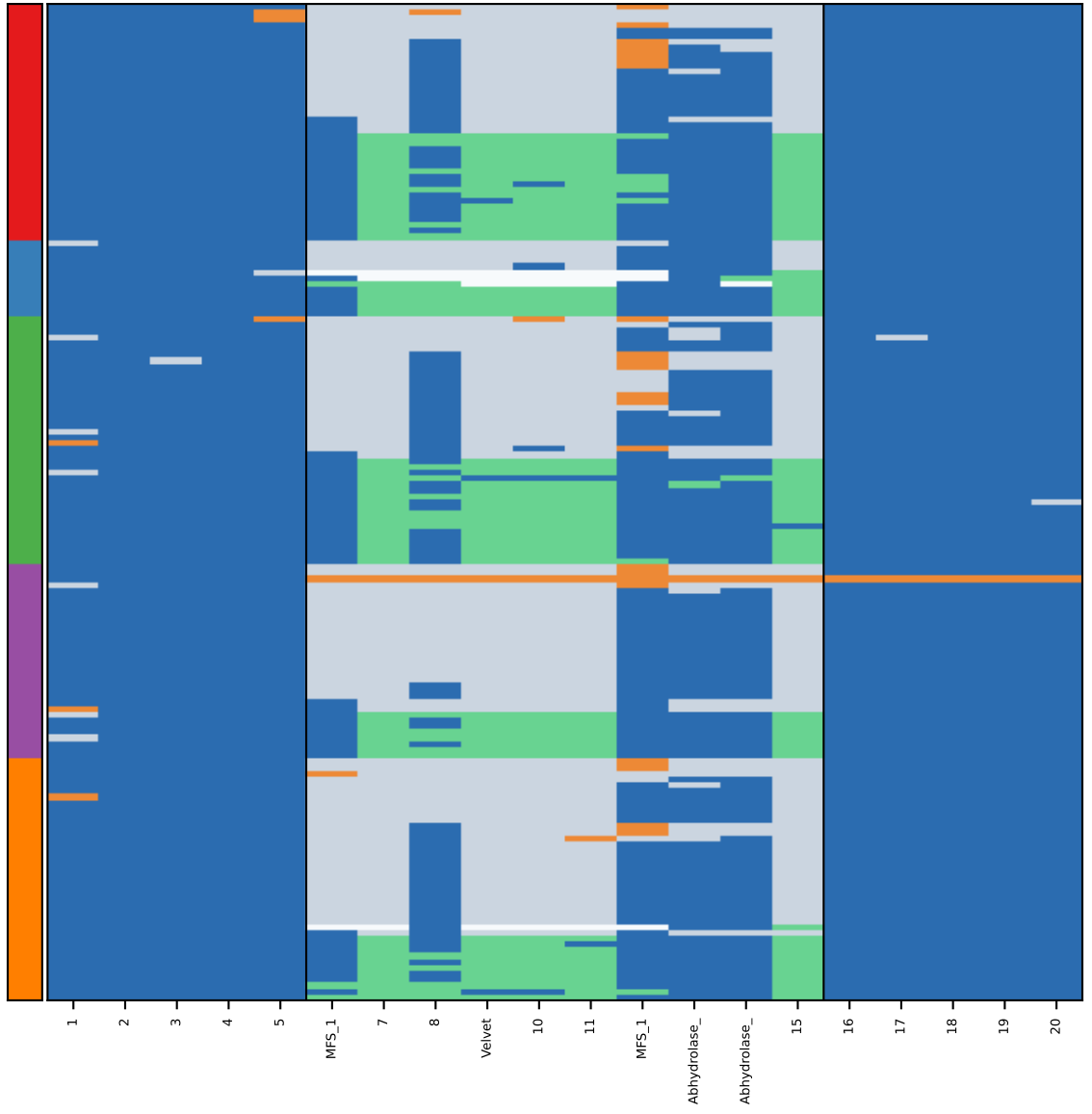
L057 10 genes content 86% of 169 strains type: content_variants



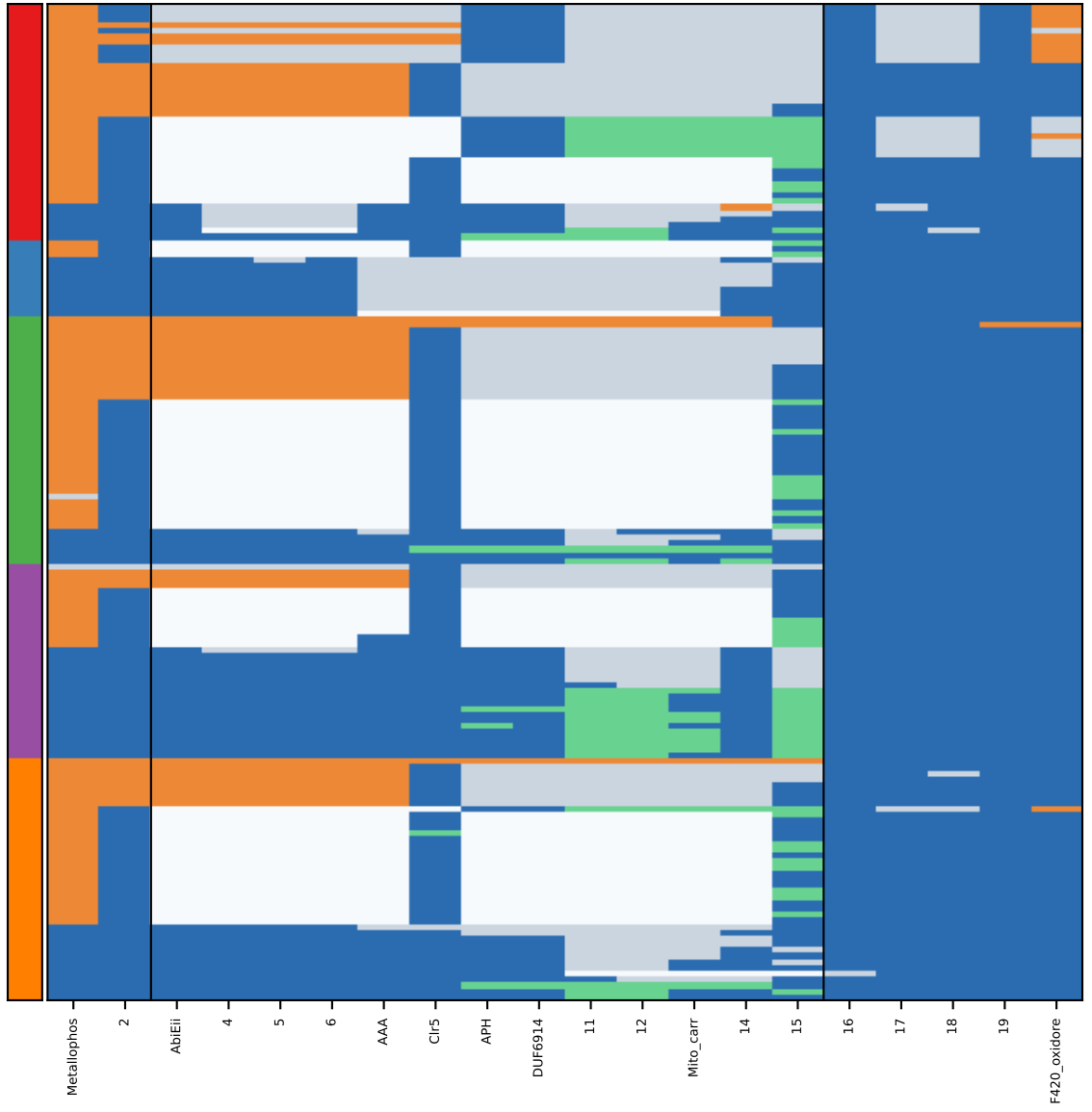
L058 7 genes content 57% of 169 strains type: content_variants



L059 10 genes content 37% of 169 strains type: unresolved

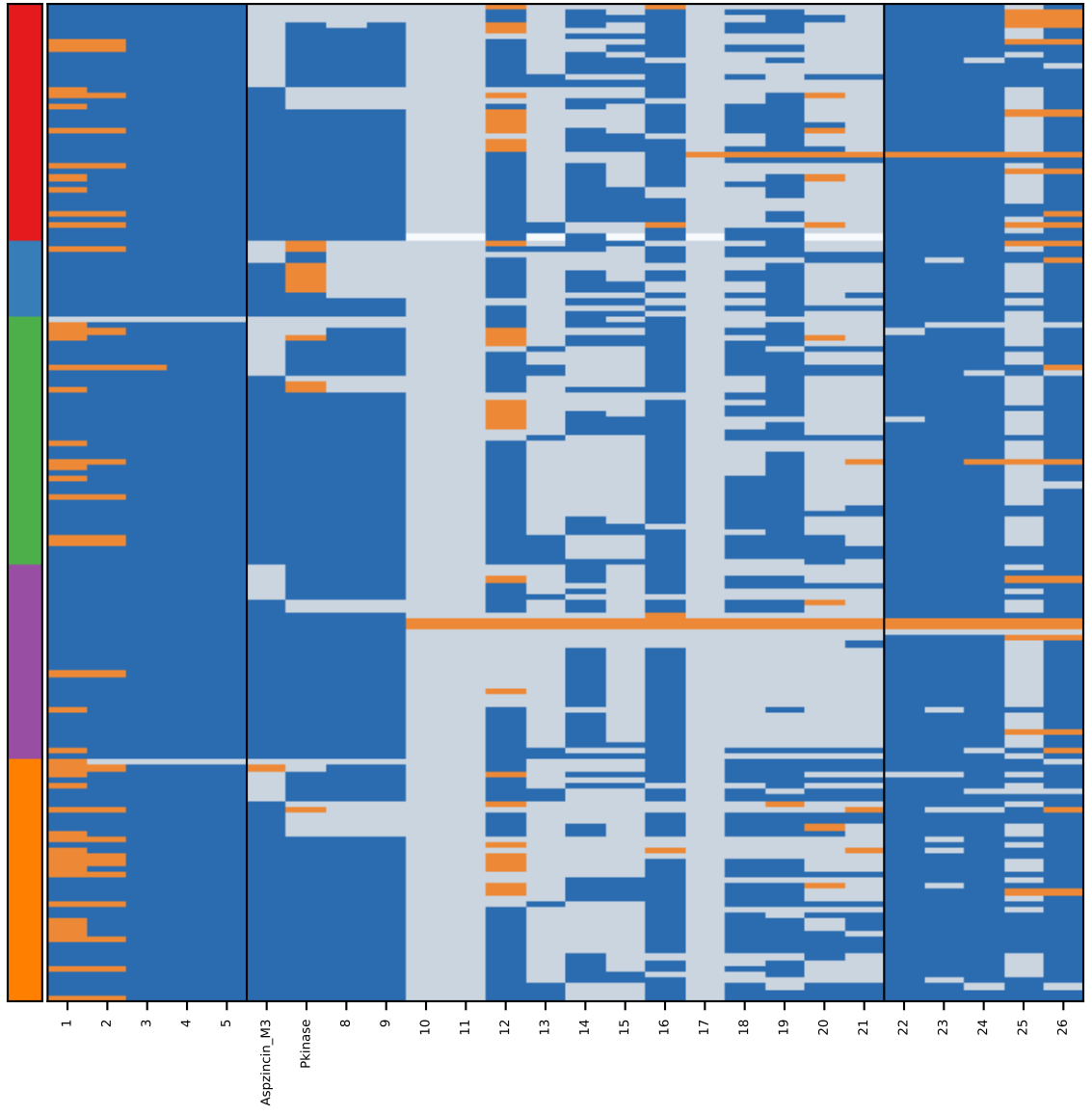


L060 13 genes content 28% of 169 strains type: presence_absence

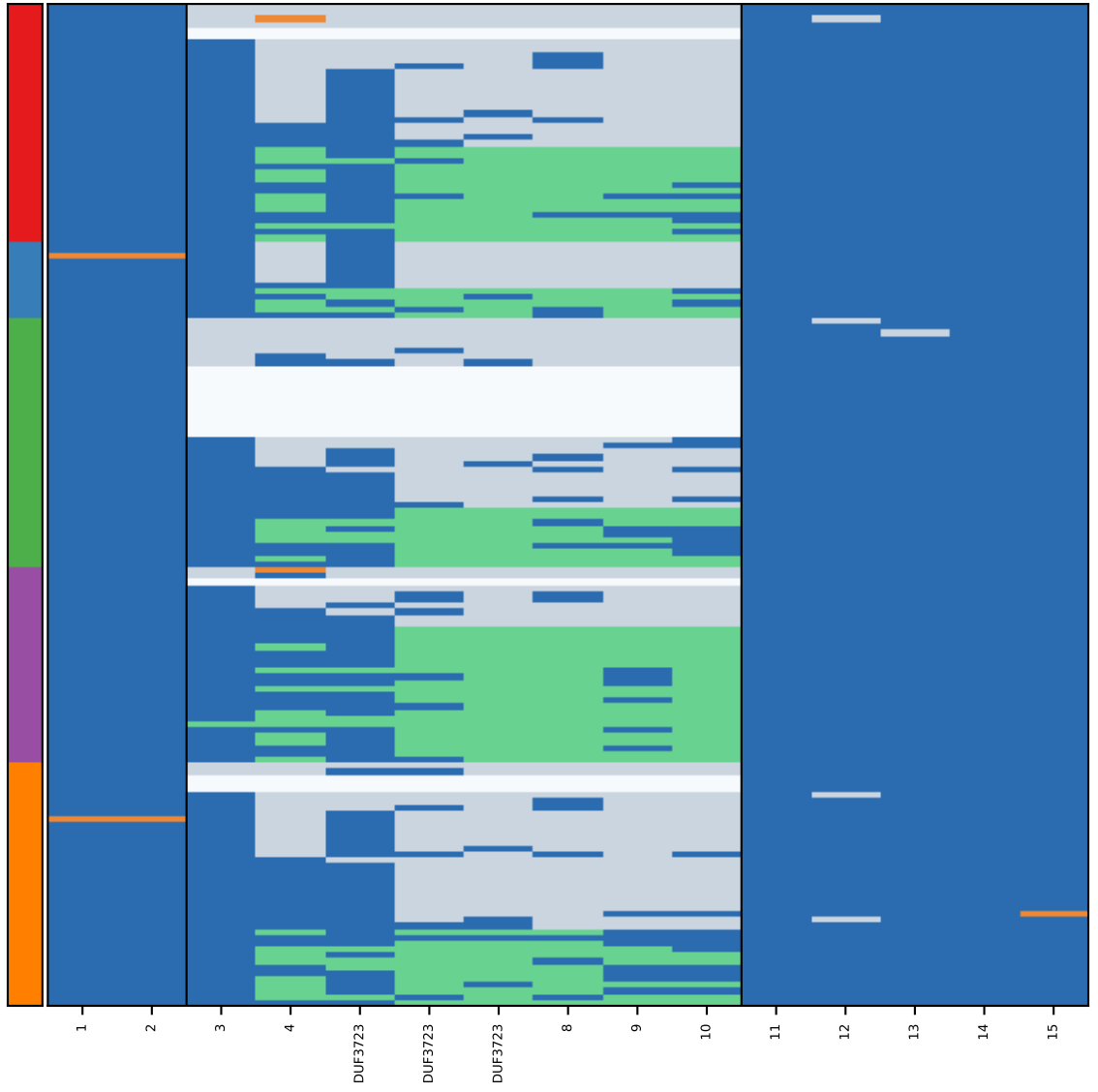


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

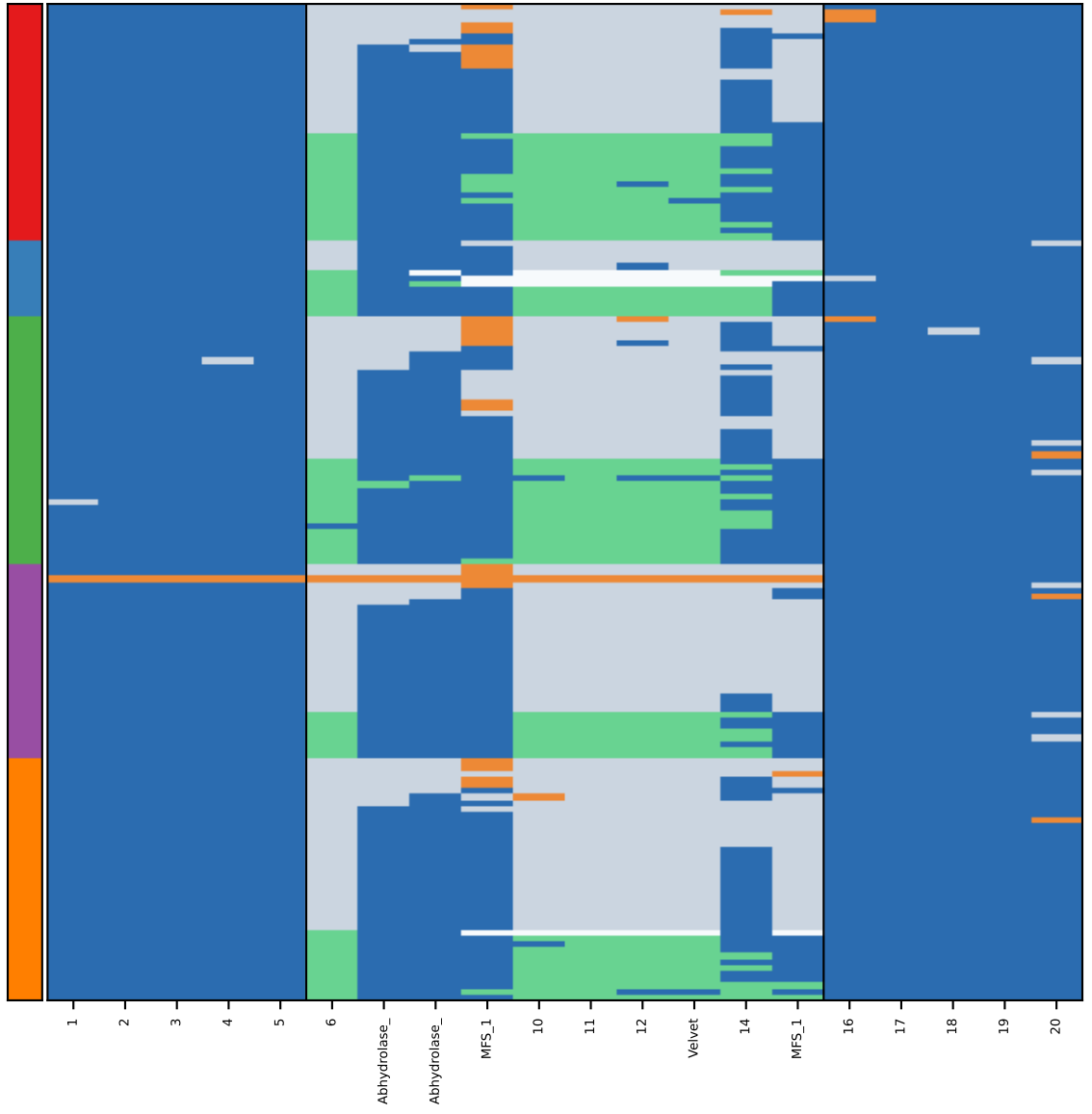
L061 16 genes content 42% of 169 strains type: unresolved



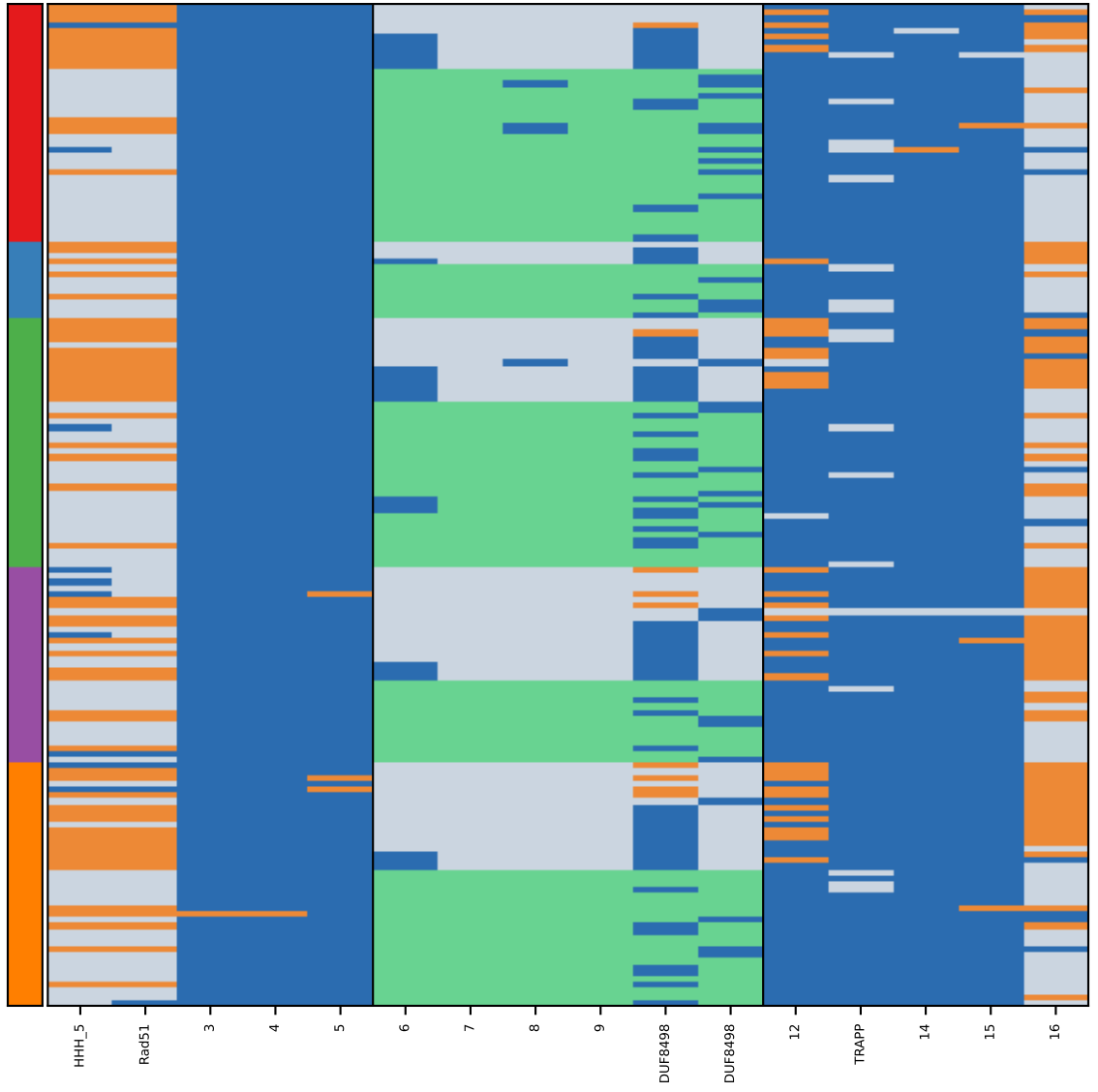
L062 8 genes content 46% of 169 strains type: presence_absence



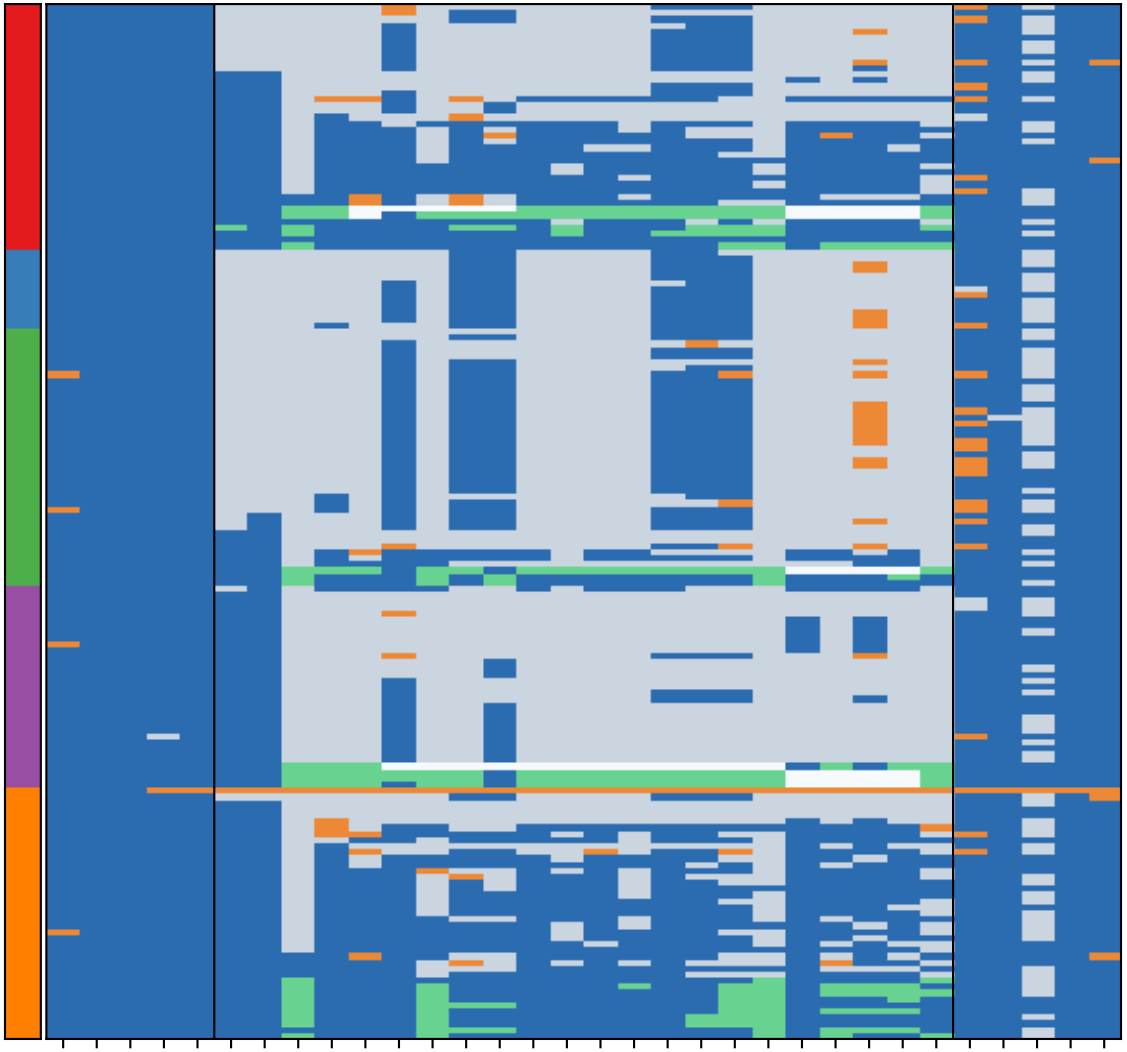
L063 10 genes content 37% of 169 strains type: unresolved



L064 6 genes content 61% of 169 strains type: content_variants

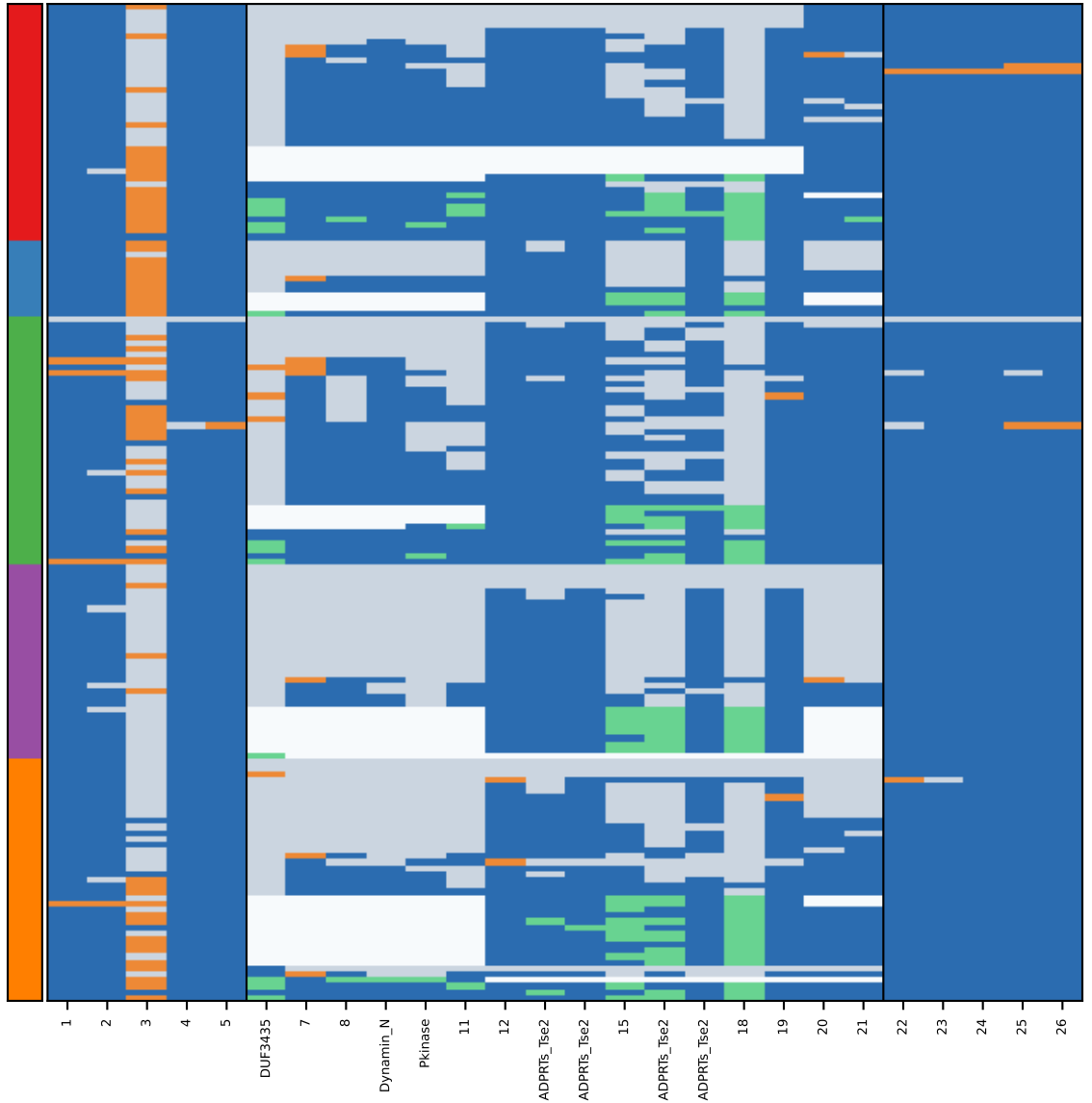


L065 22 genes content 38% of 169 strains type: unresolved

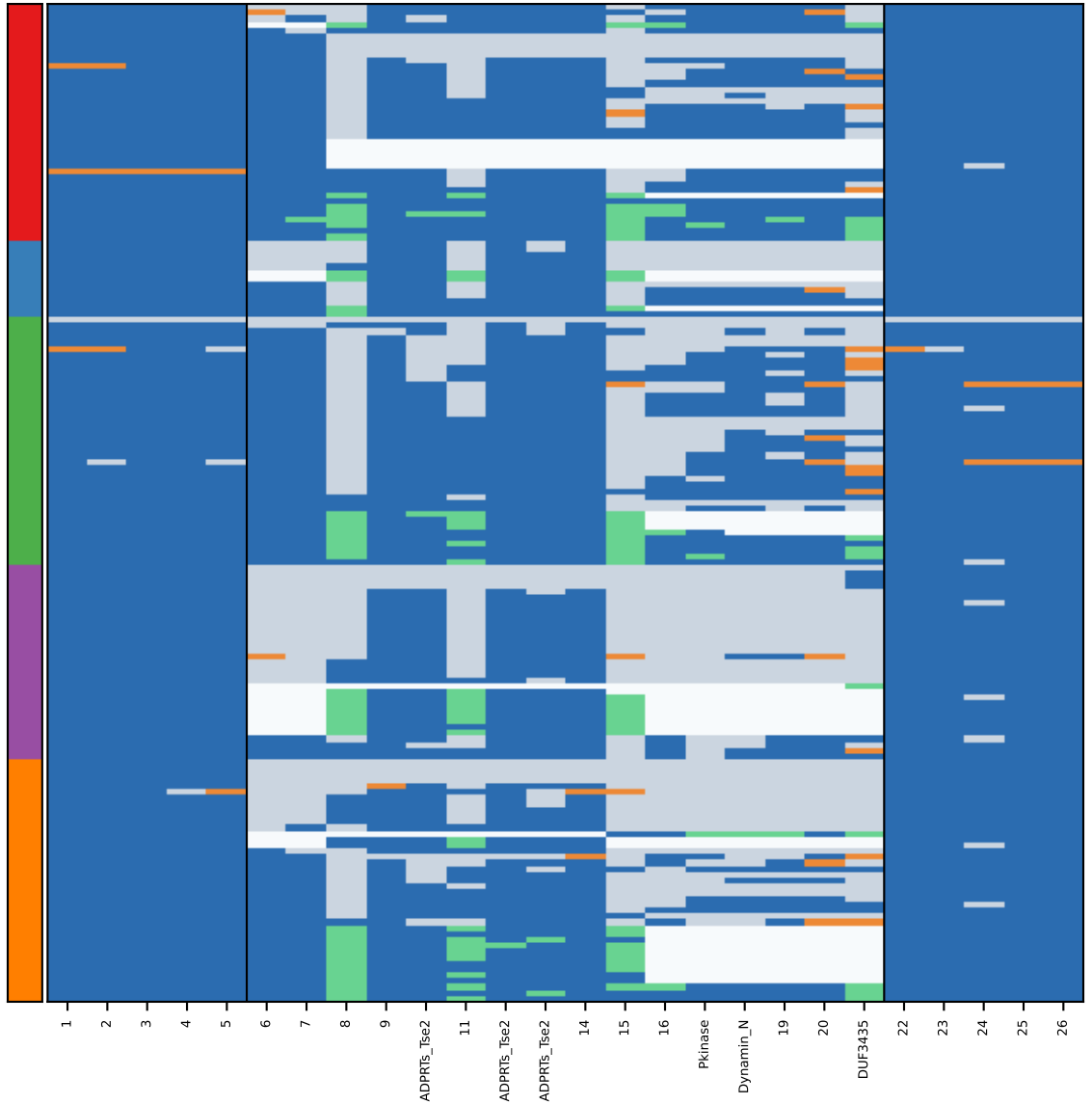


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L066 16 genes content 66% of 169 strains type: content_variants

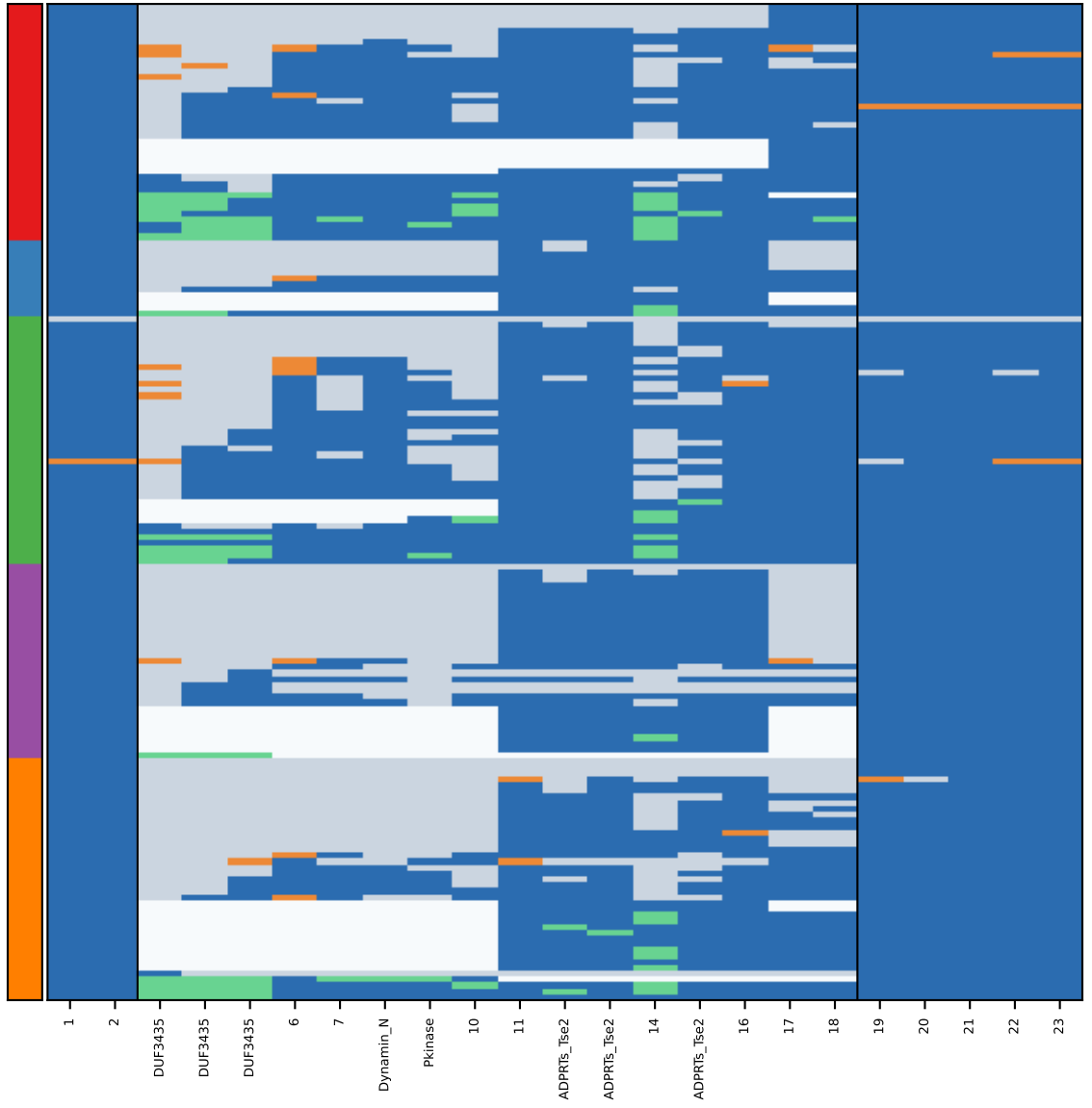


L067 16 genes content 64% of 169 strains type: content_variants



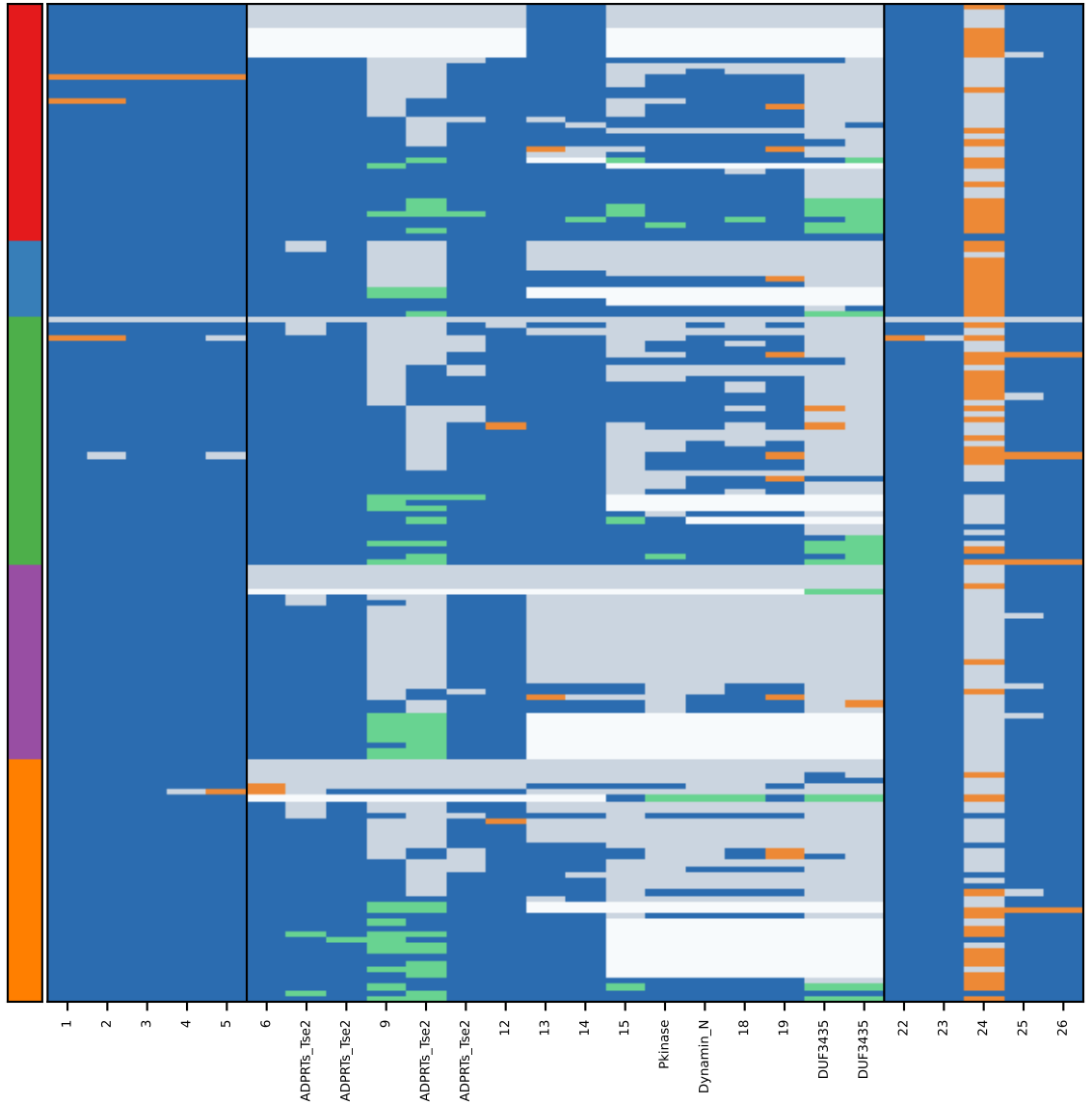
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L068 16 genes content 58% of 169 strains type: content_variants

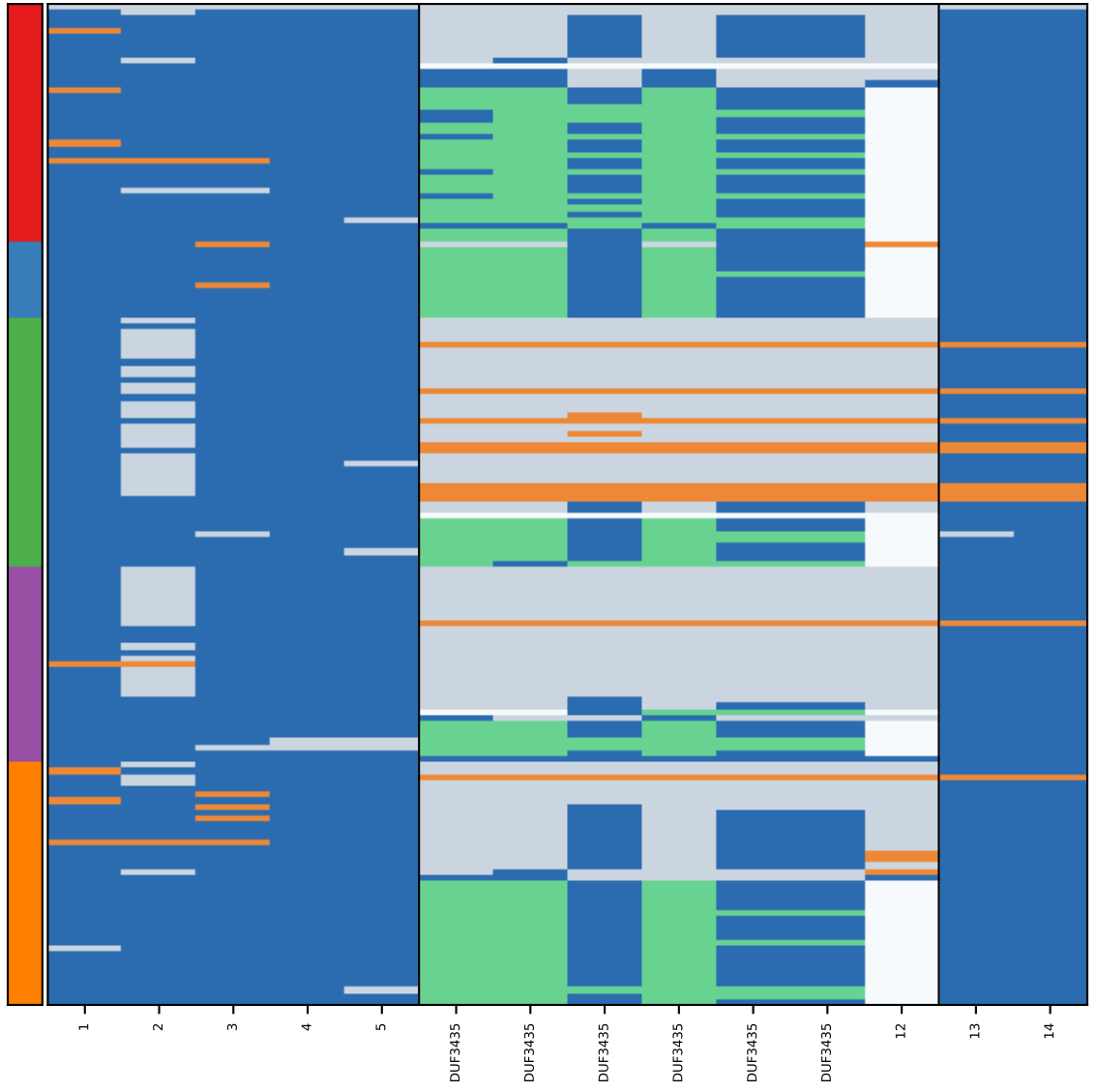


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L069 16 genes content 59% of 169 strains type: content_variants

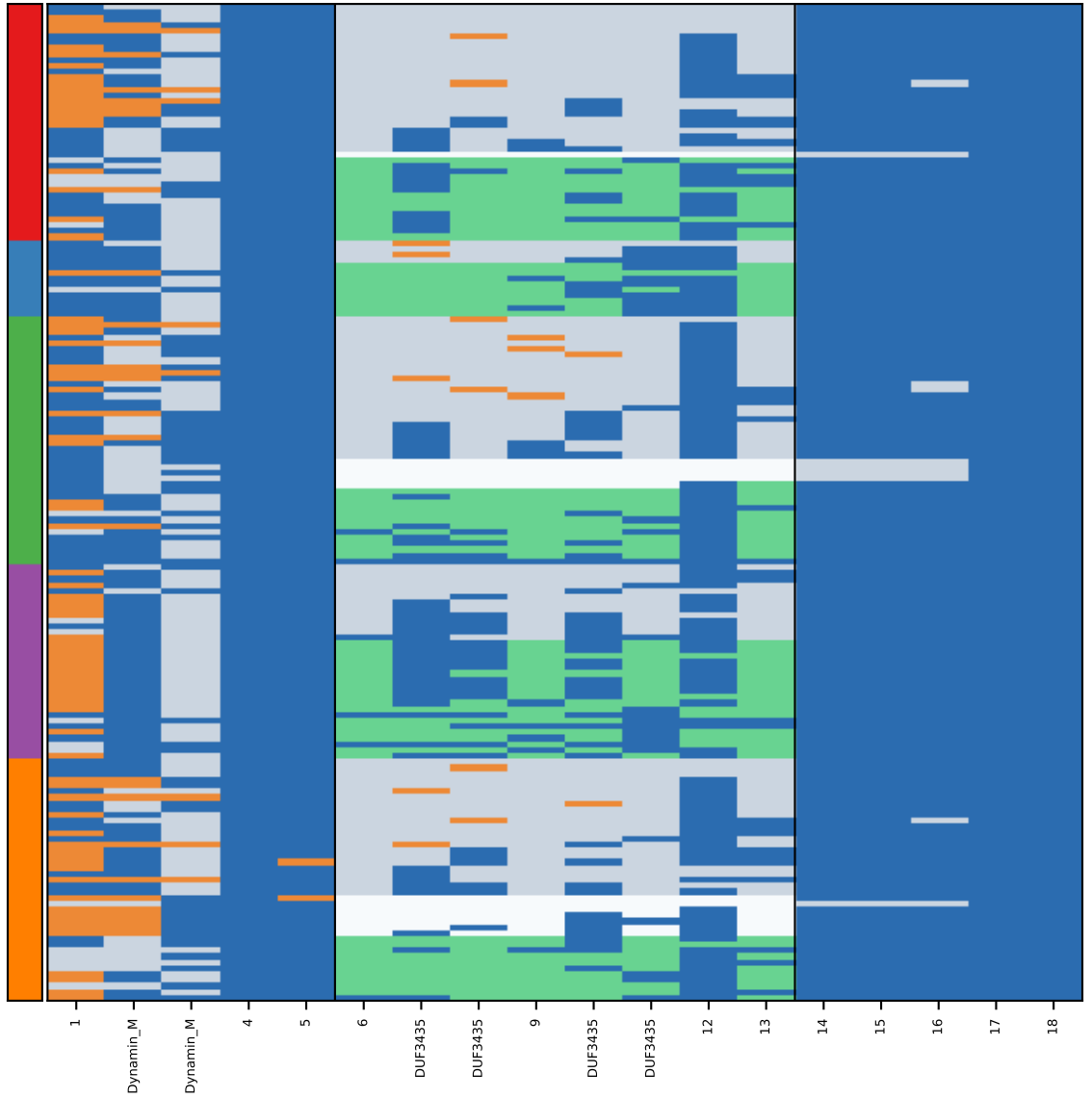


L070 7 genes content 45% of 169 strains type: unresolved

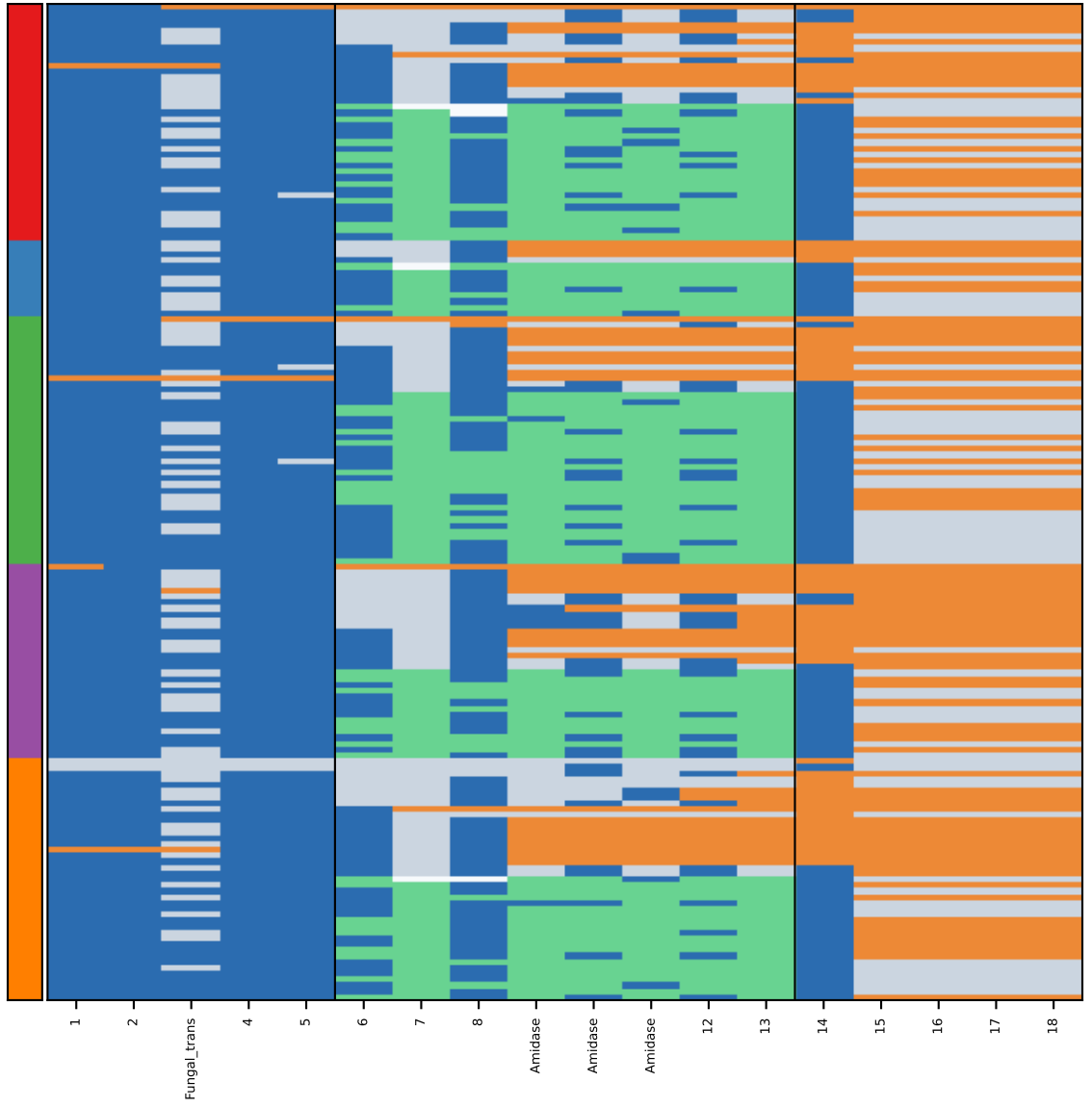


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

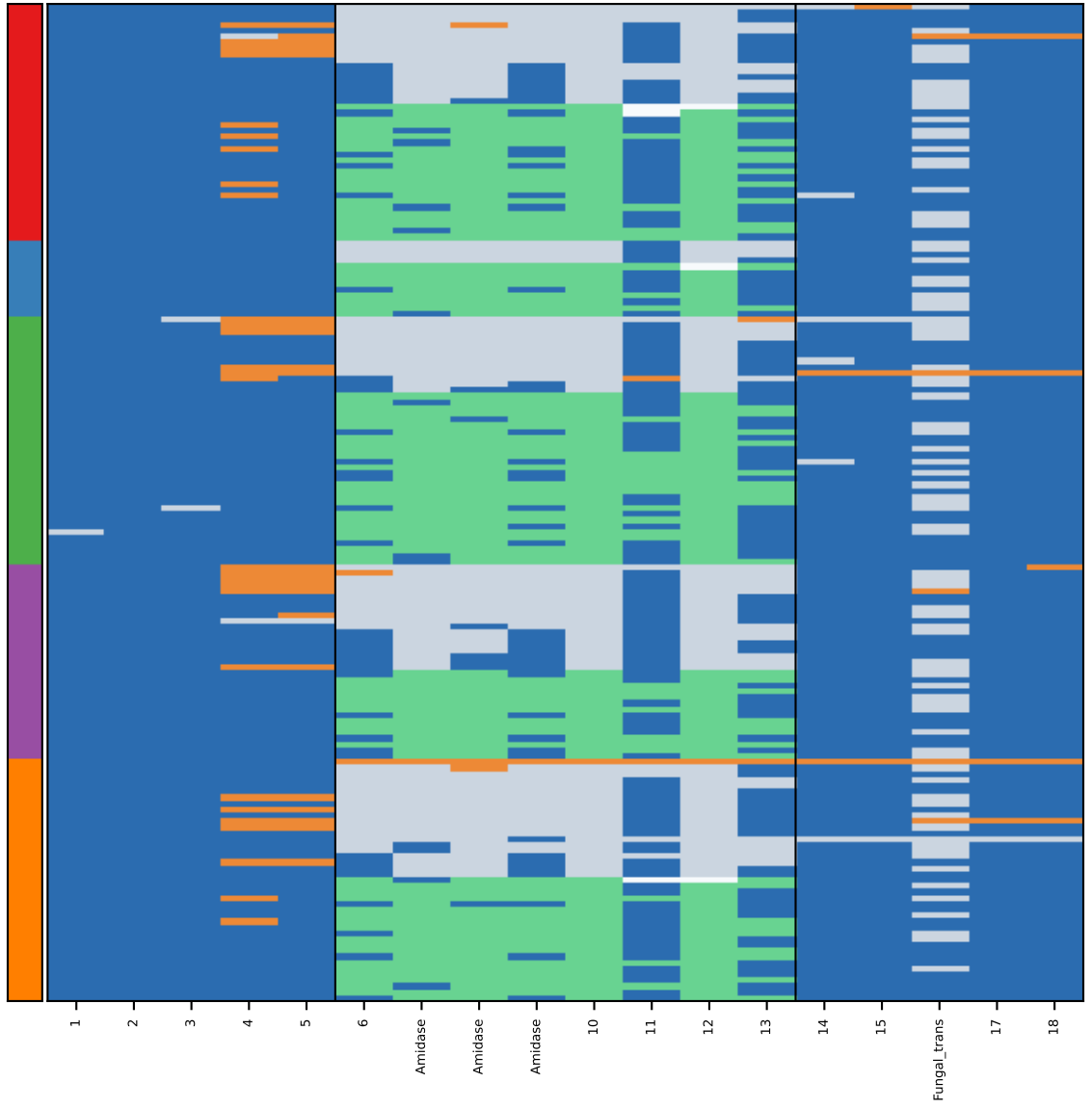
L071 8 genes content 44% of 169 strains type: unresolved



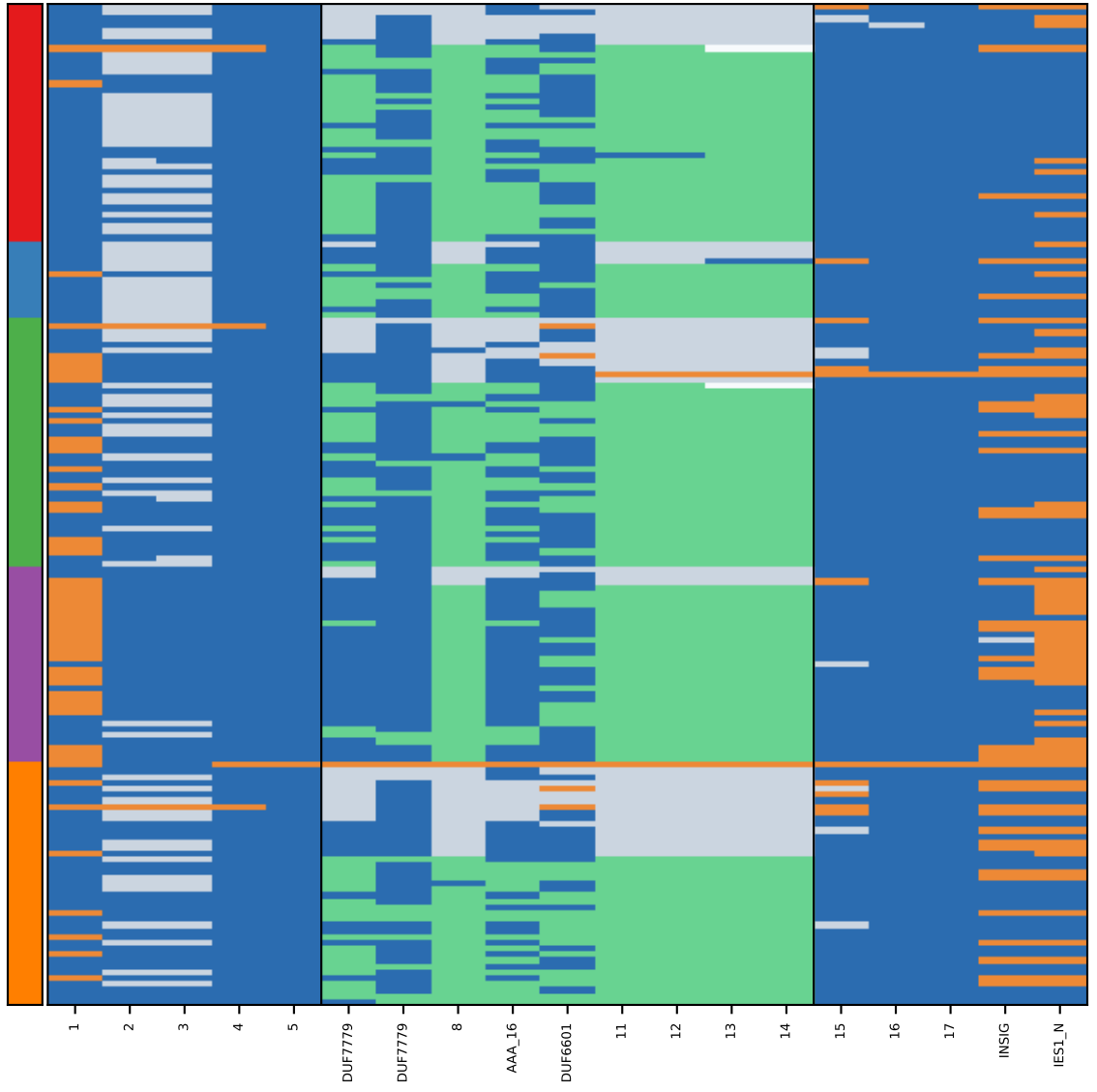
L072 8 genes content 64% of 169 strains type: content_variants



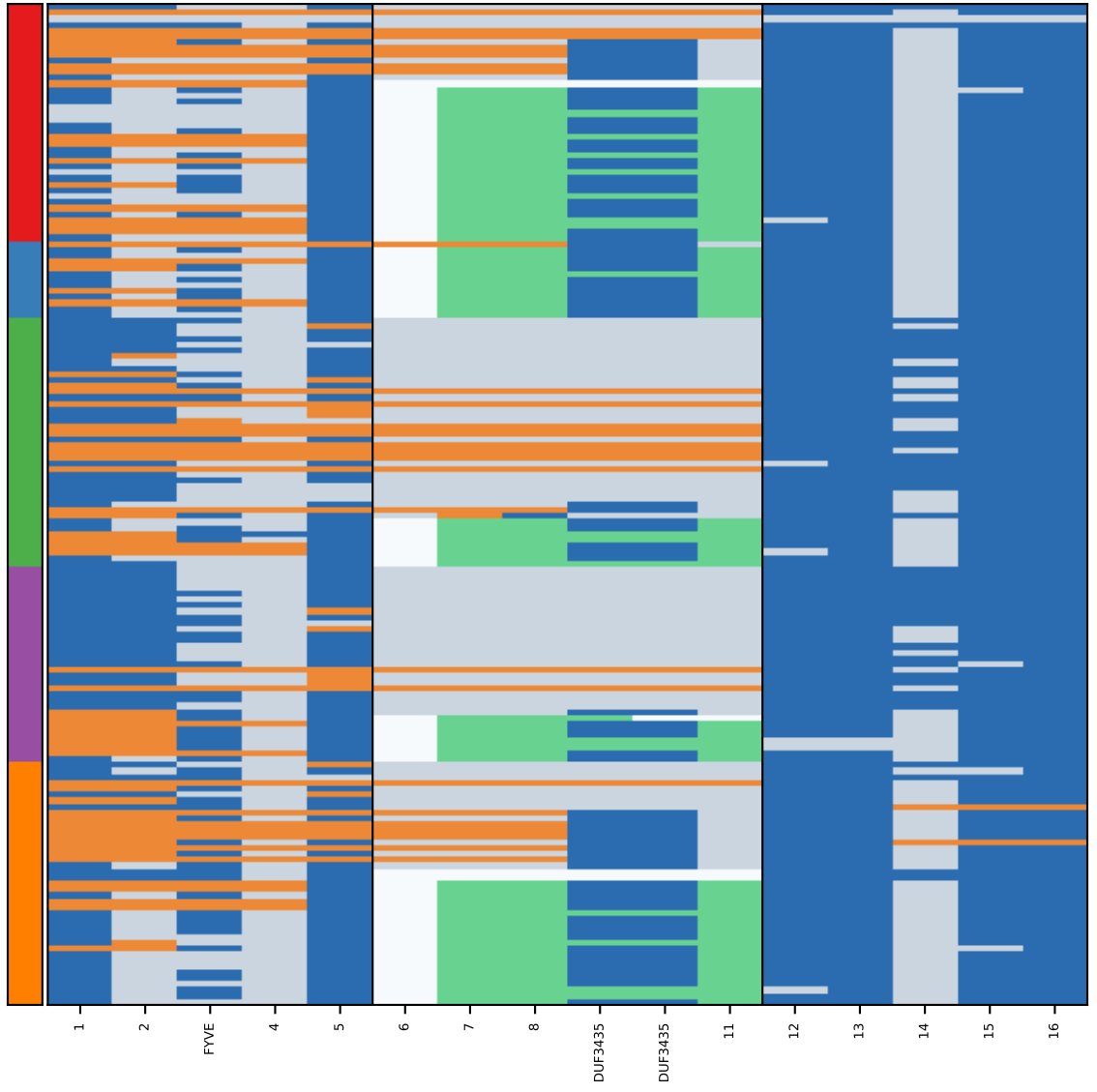
L073 8 genes content 64% of 169 strains type: content_variants



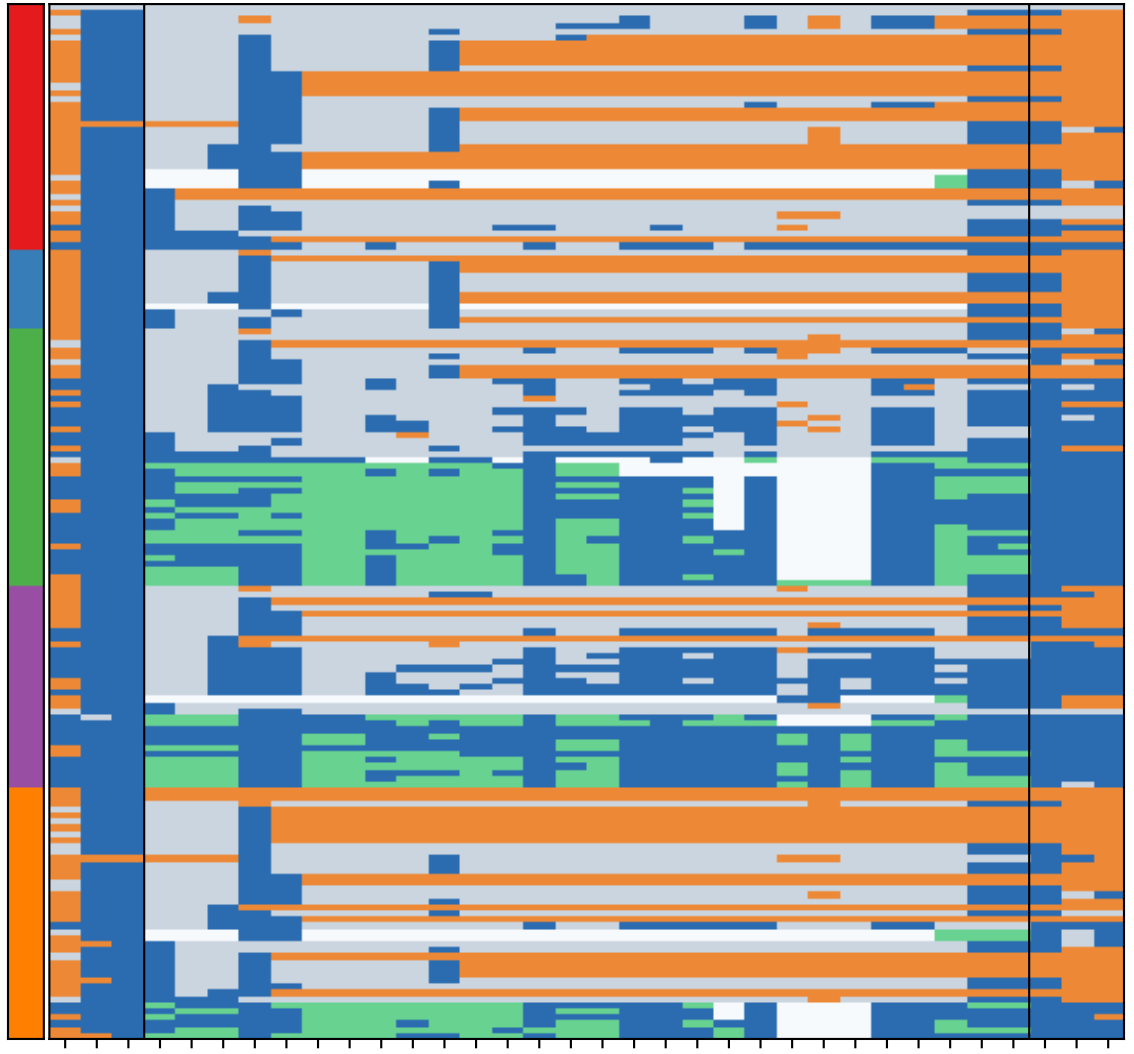
L074 9 genes content 76% of 169 strains type: content_variants



L075 6 genes content 44% of 169 strains type: unresolved

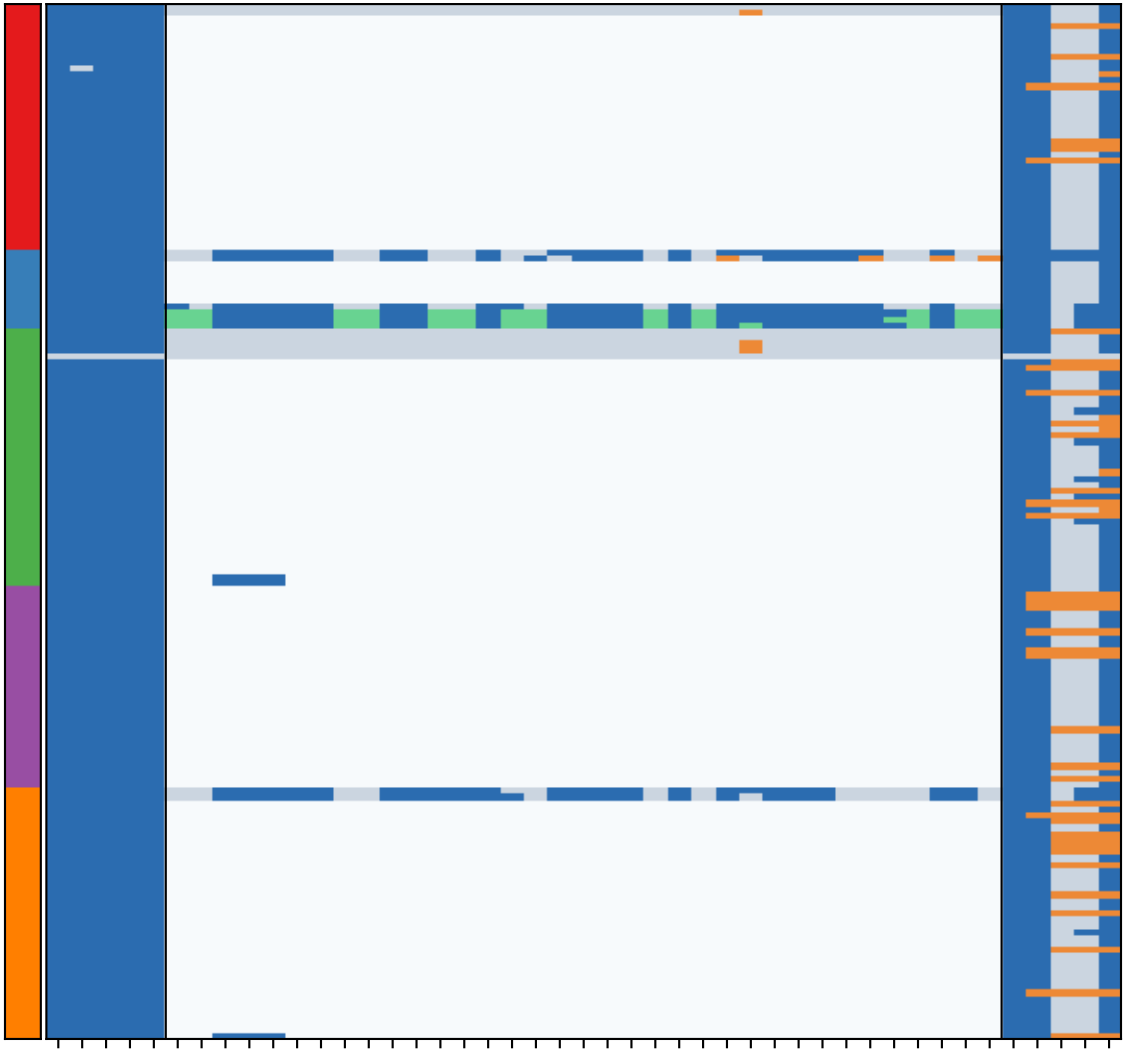


L076 28 genes content 31% of 169 strains type: unresolved



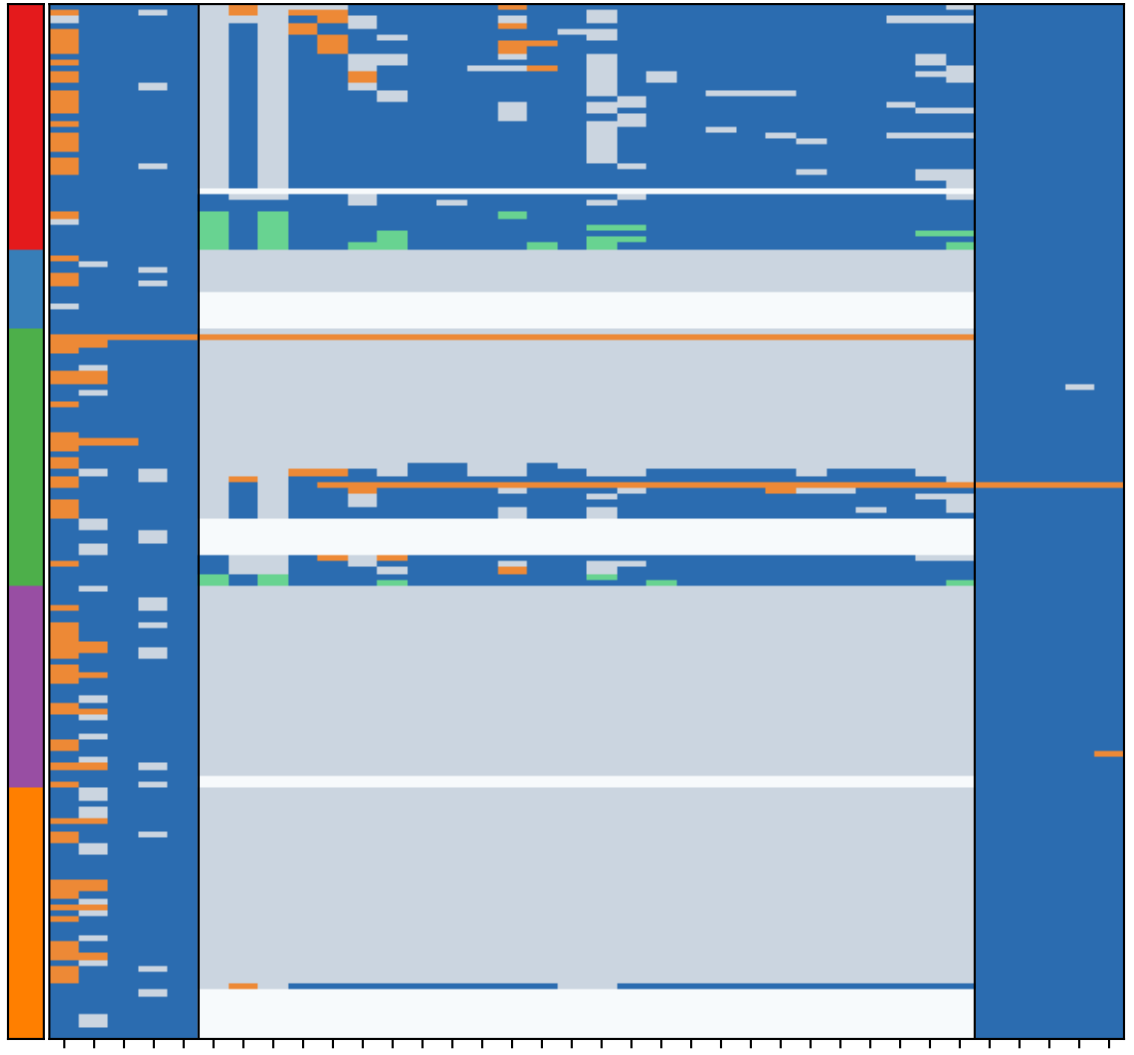
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L077 35 genes content 4% of 169 strains type: rare_content



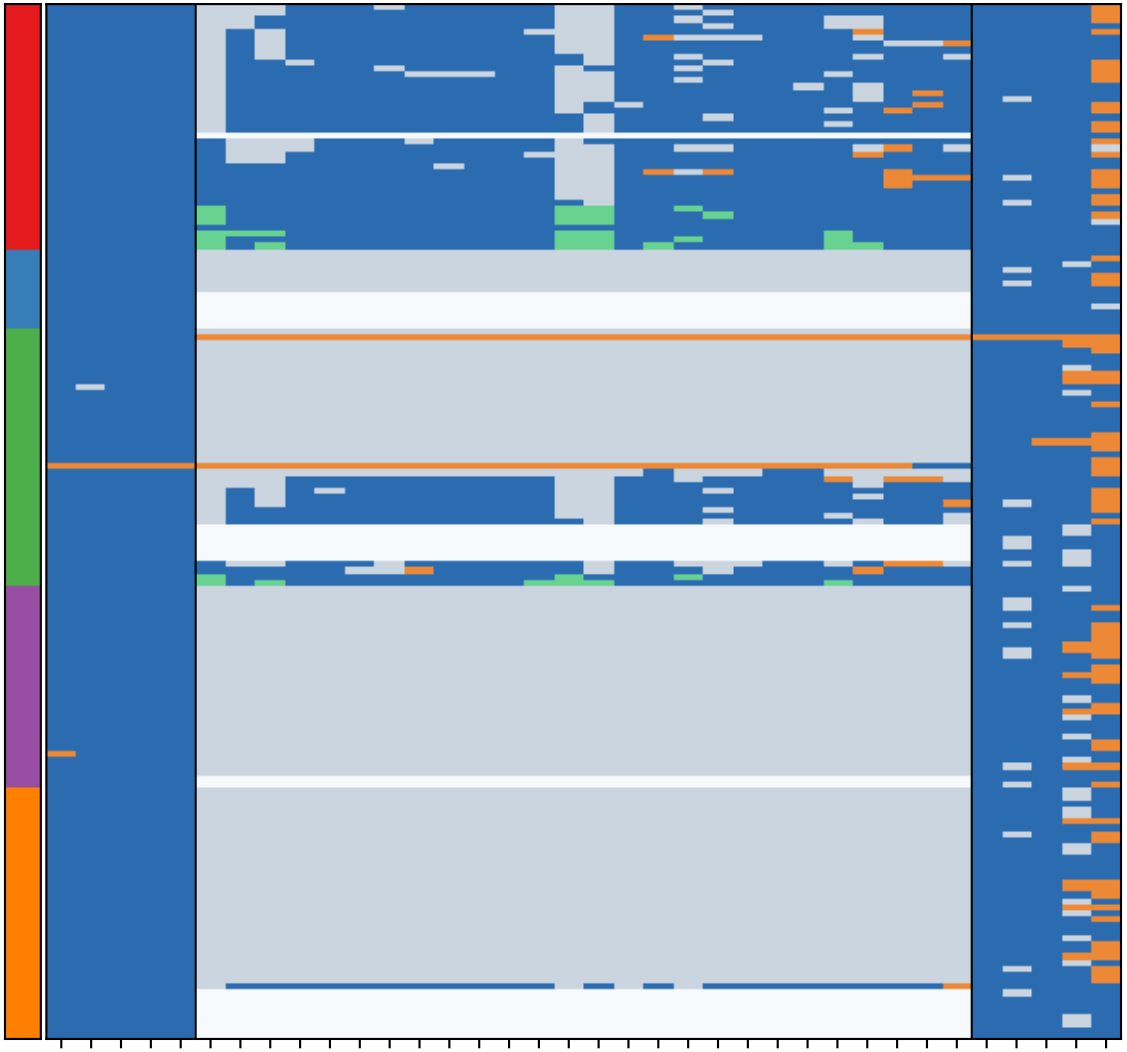
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L078 26 genes content 31% of 169 strains type: unresolved



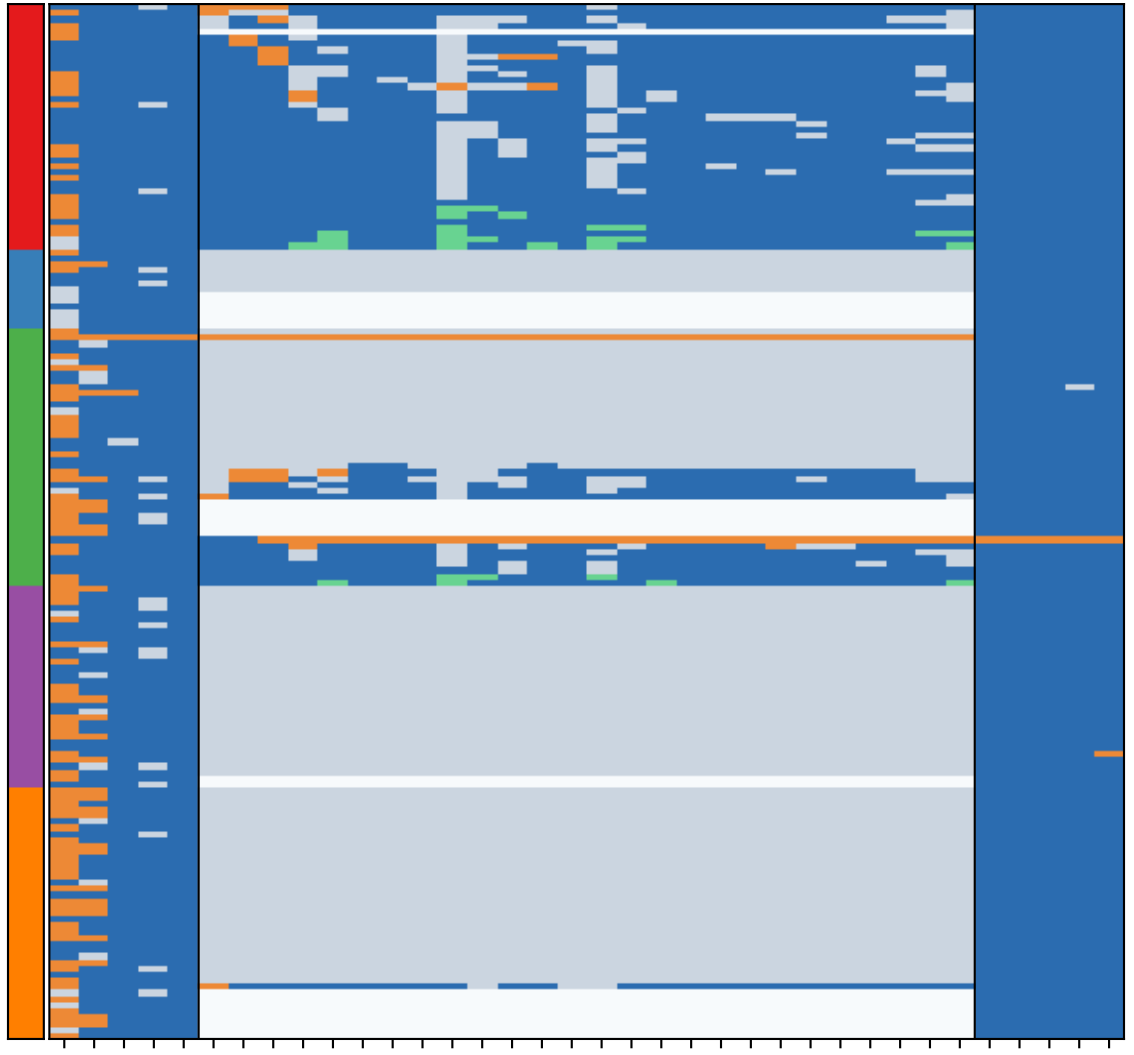
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L079 26 genes content 31% of 169 strains type: unresolved



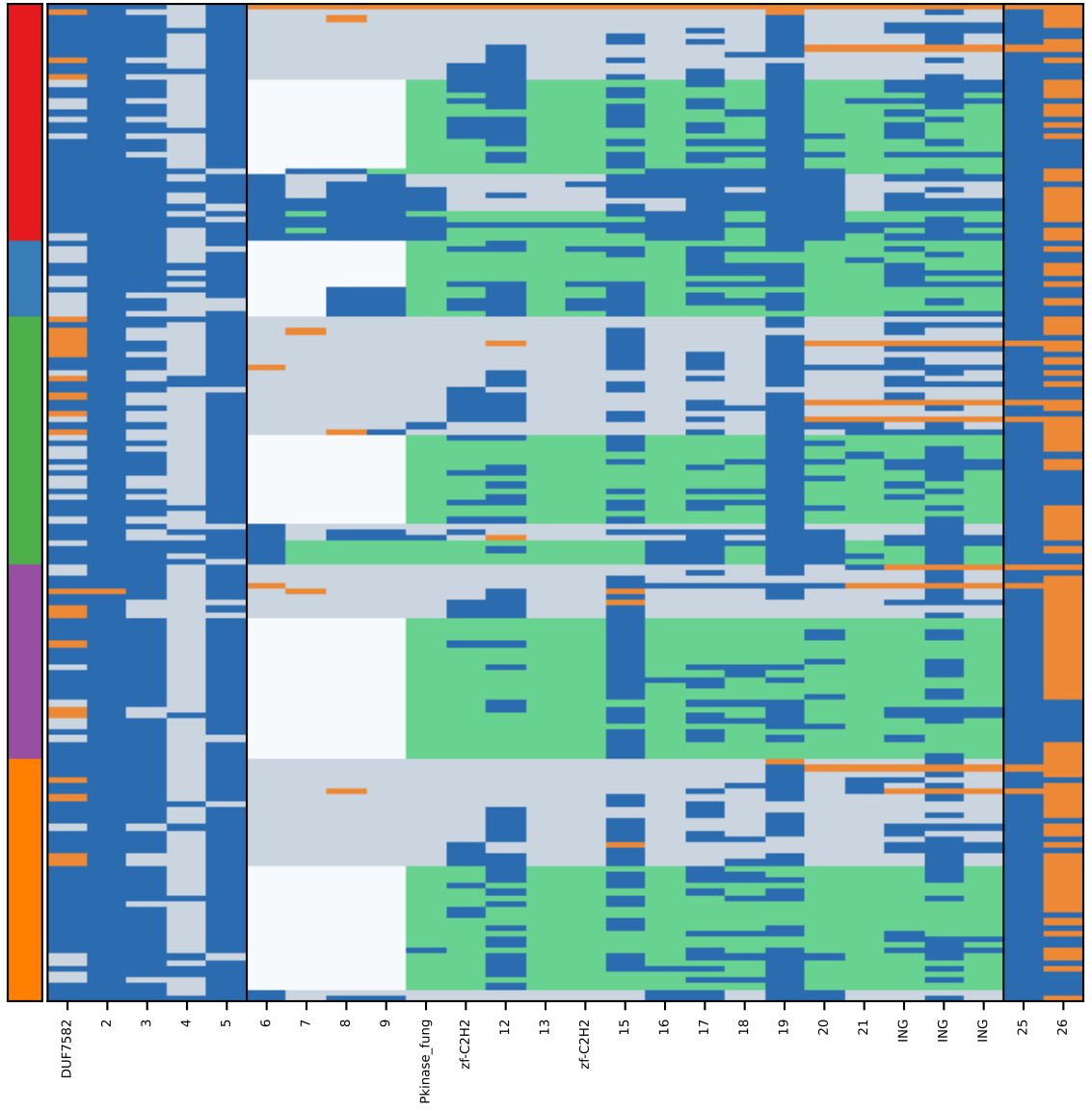
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L080 26 genes content 31% of 169 strains type: unresolved

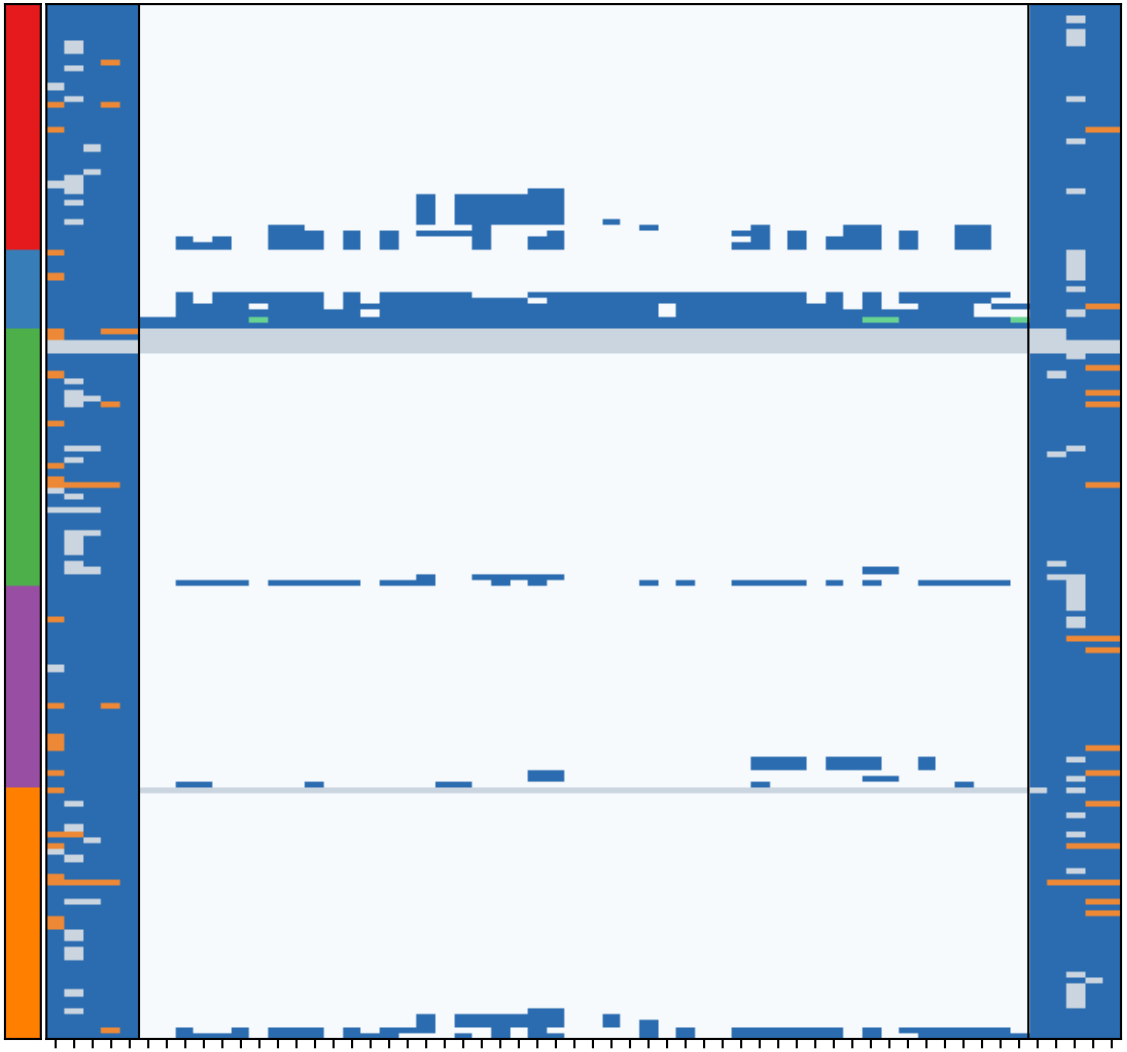


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L081 19 genes content 63% of 169 strains type: content_variants

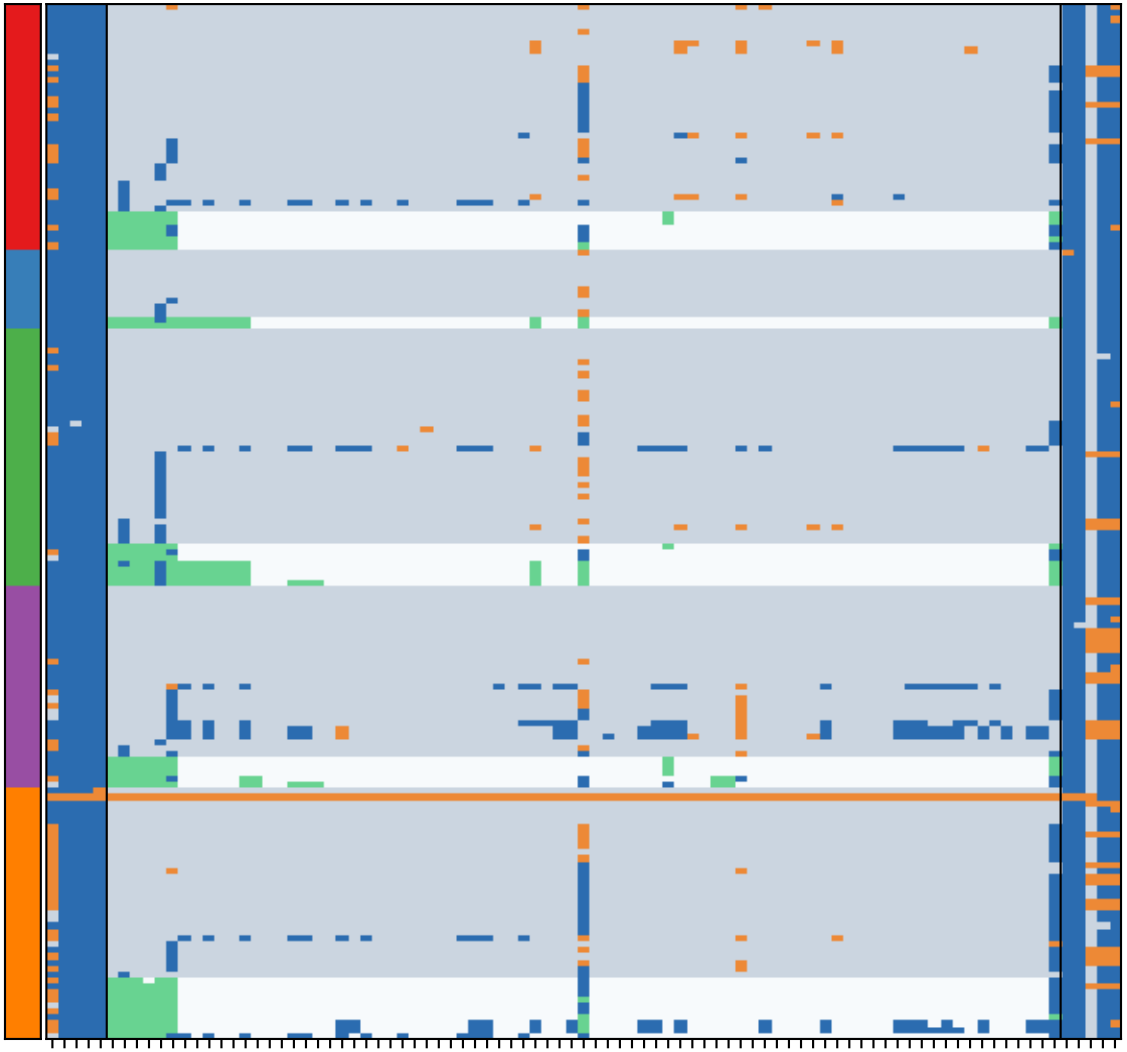


L082 48 genes content 5% of 169 strains type: rare_content



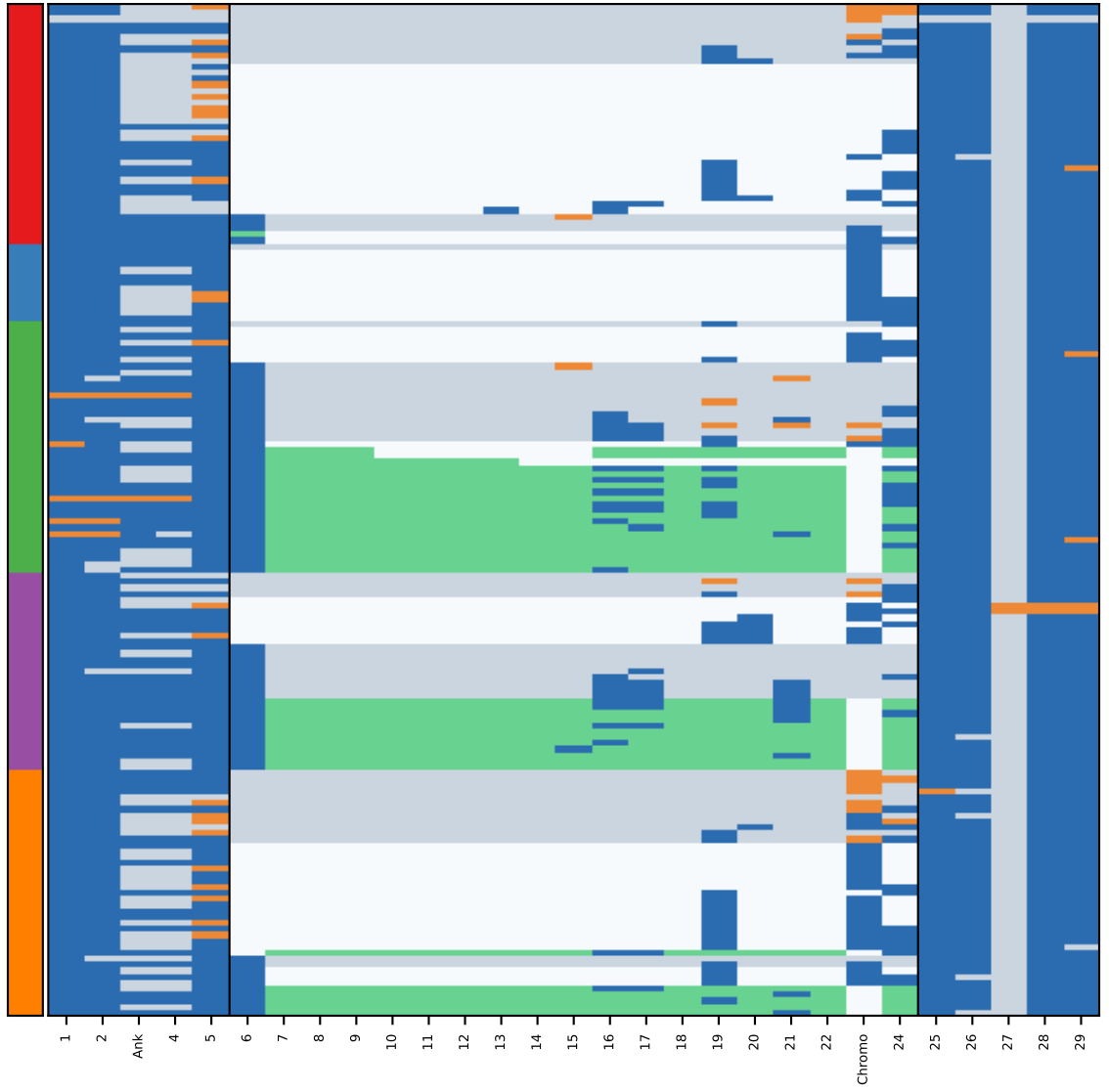
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L083 79 genes content 0% of 169 strains type: unresolved



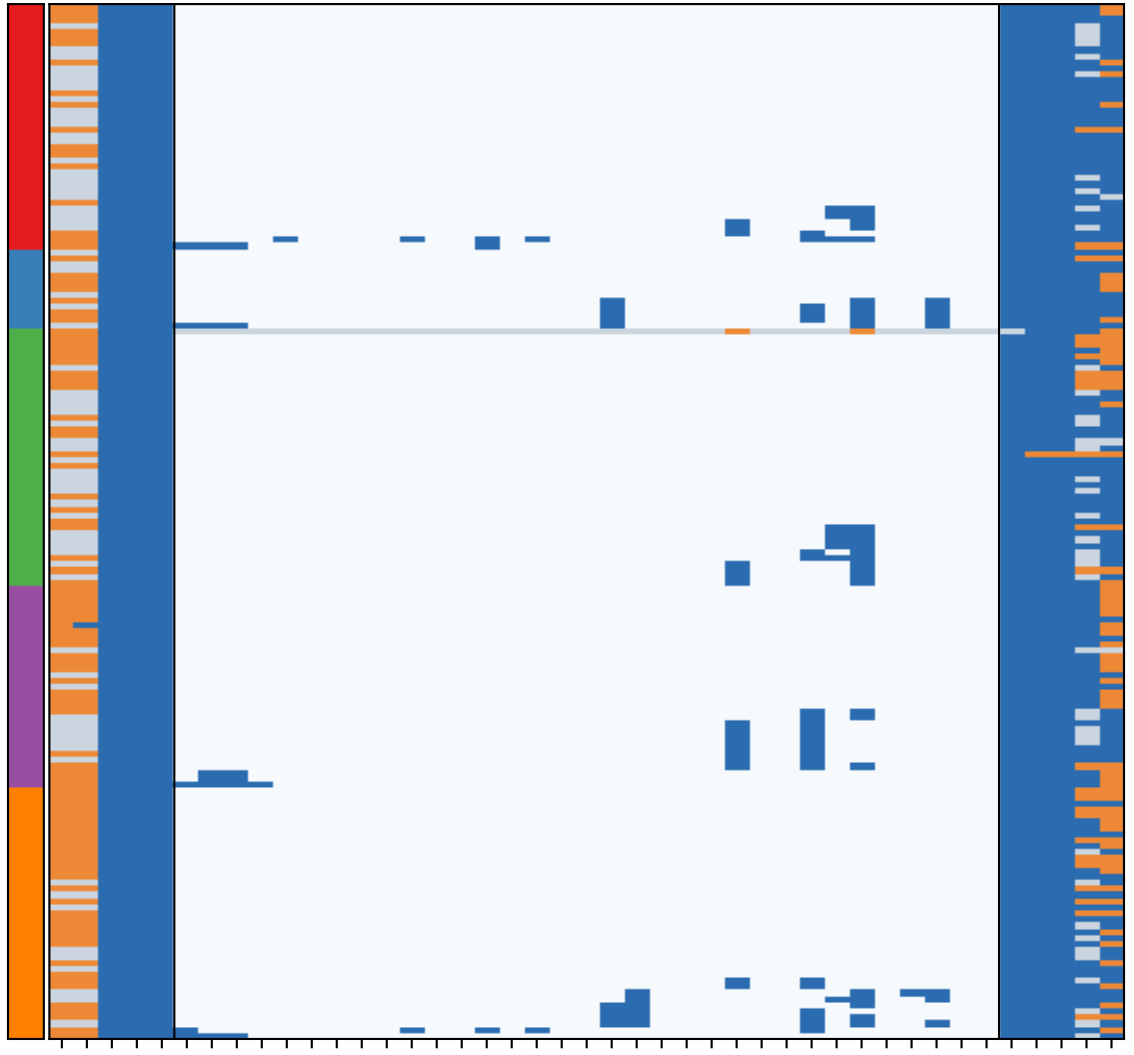
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L084 19 genes content 22% of 169 strains type: swap_candidate



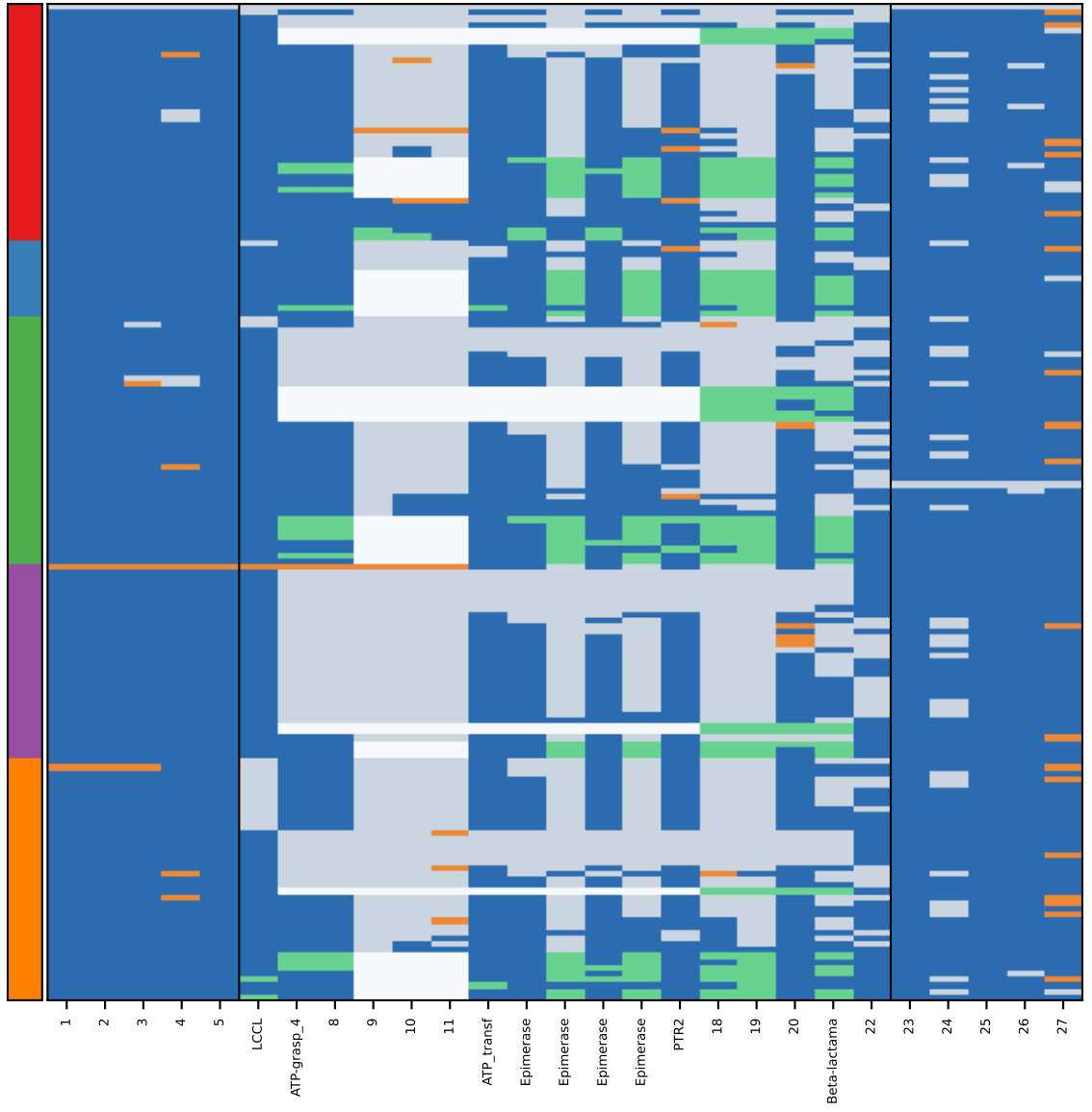
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L085 33 genes content 0% of 169 strains type: content_variants

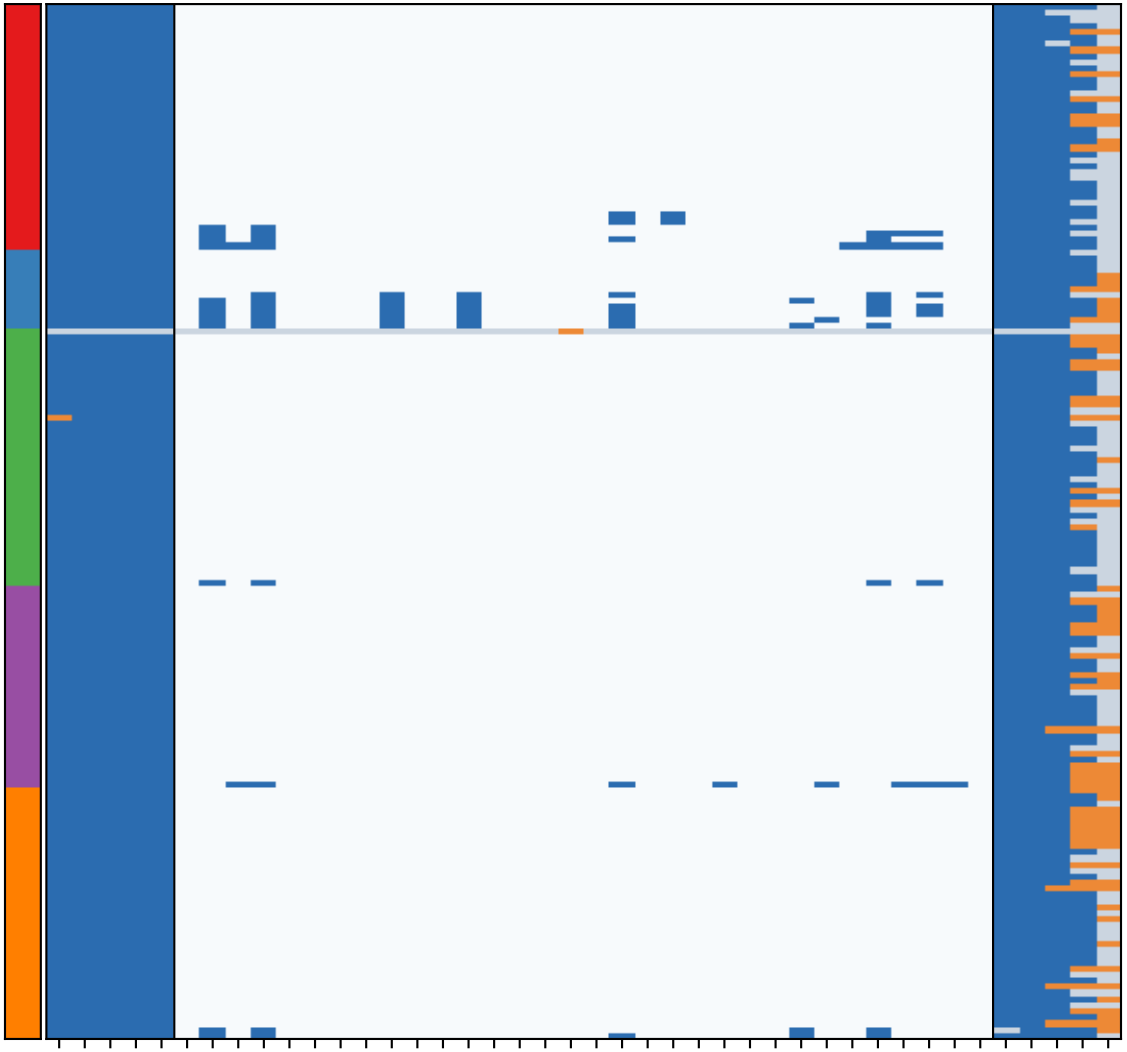


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L086 17 genes content 50% of 169 strains type: content_variants

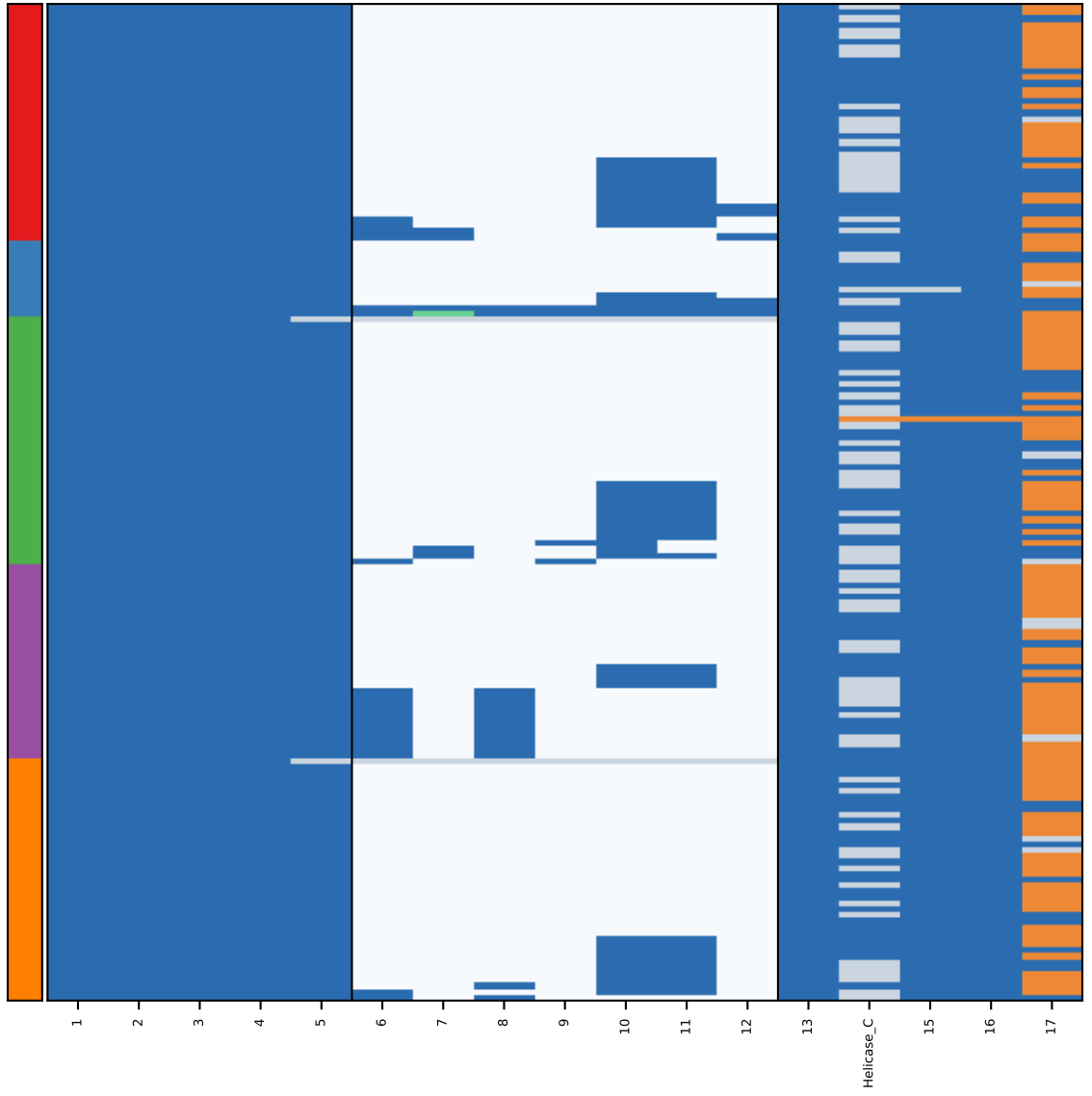


L087 32 genes content 0% of 169 strains type: content_variants

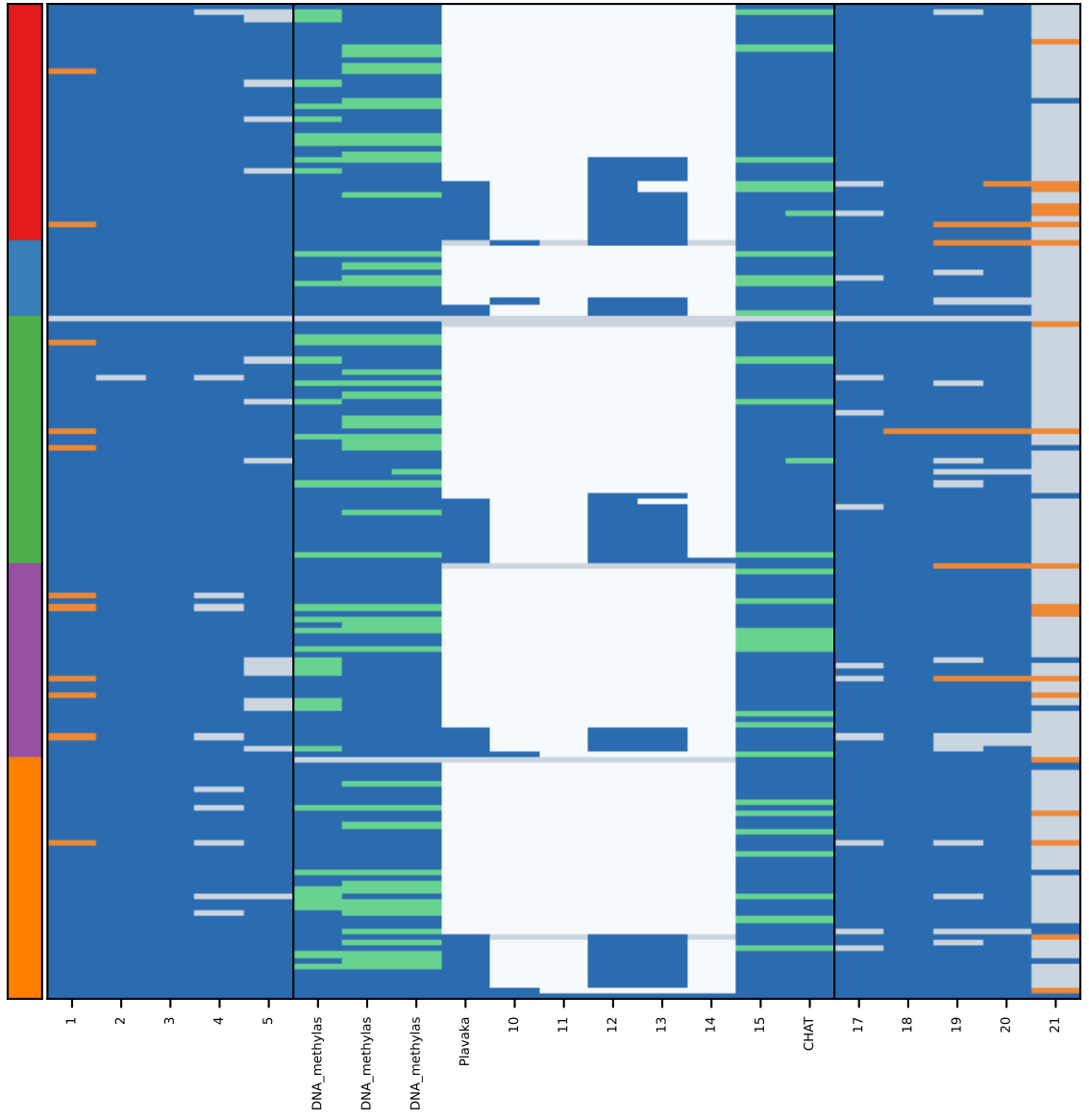


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

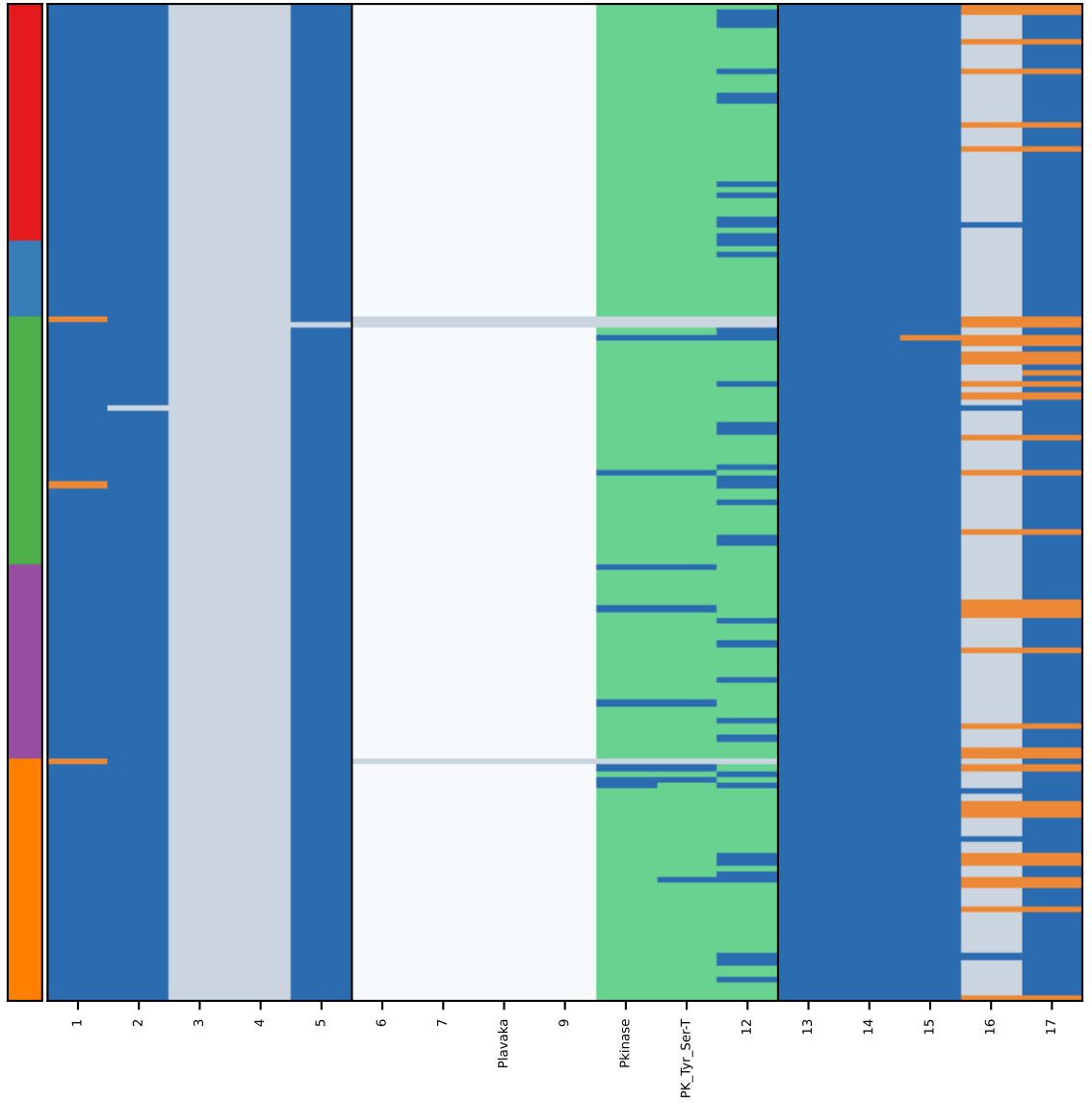
L088 7 genes content 1% of 169 strains type: presence_absence



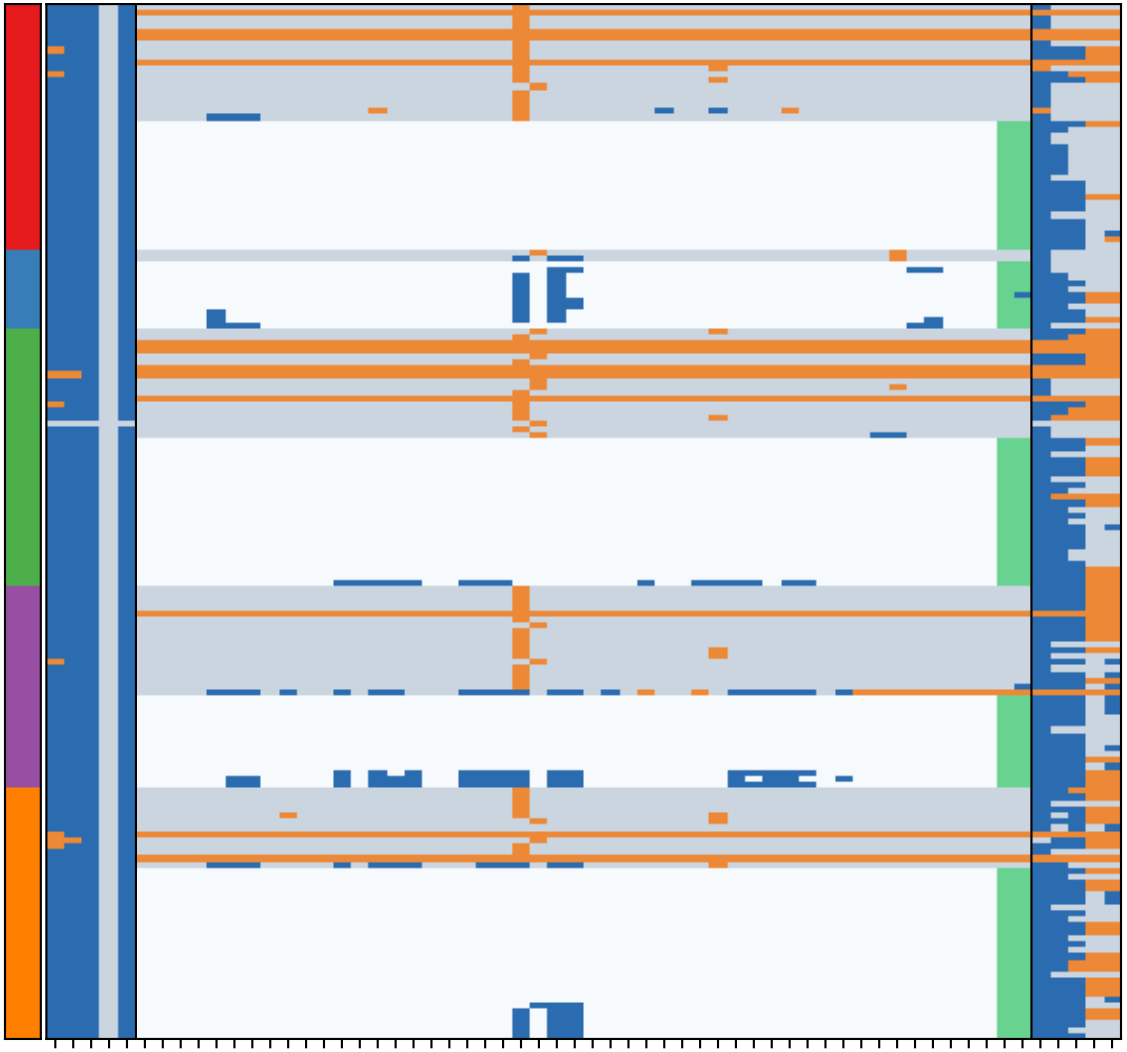
L089 11 genes content 27% of 169 strains type: swap_candidate



L090 7 genes content 0% of 169 strains type: absent_in_focal

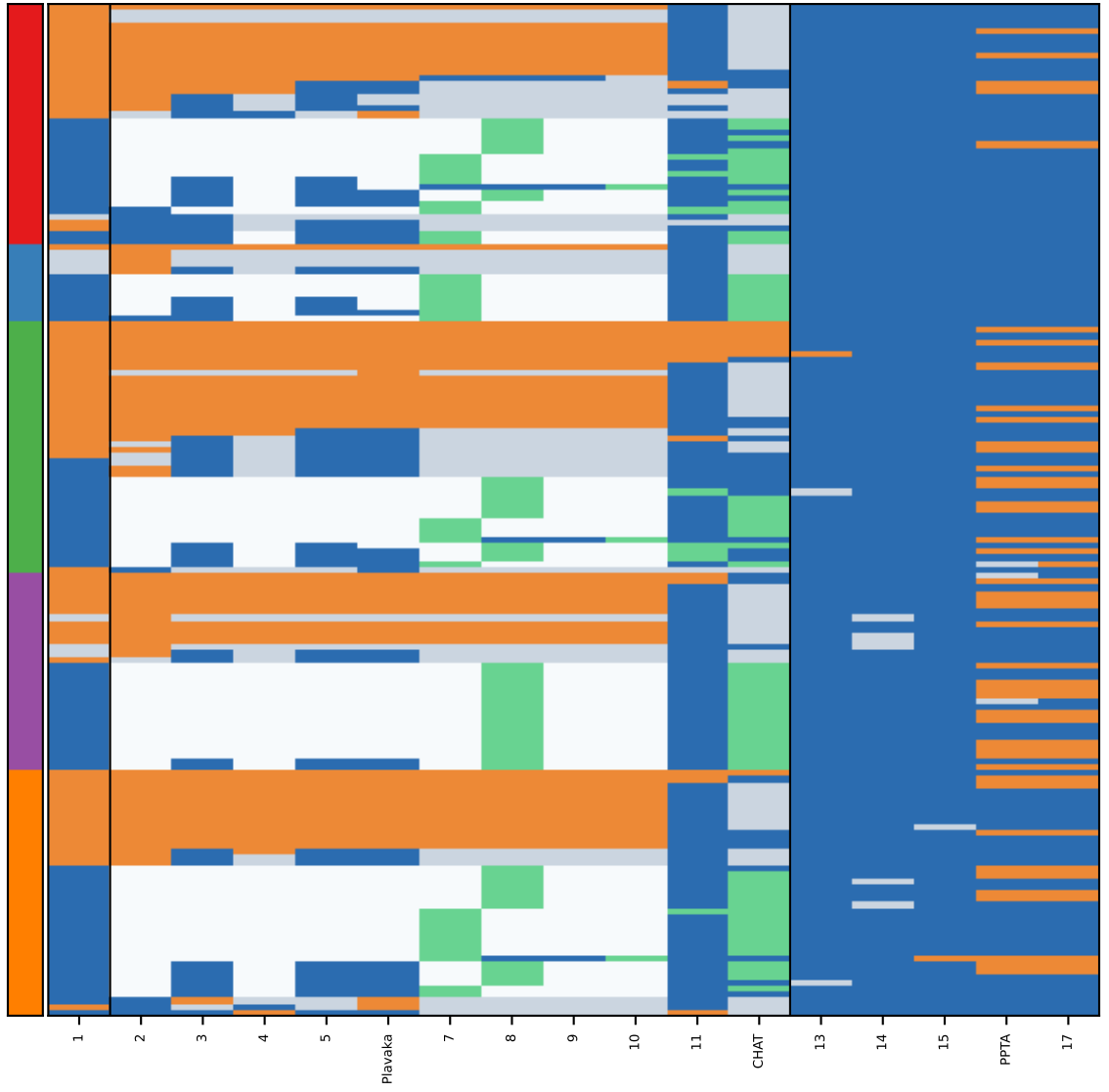


L091 50 genes content 0% of 169 strains type: content_variants



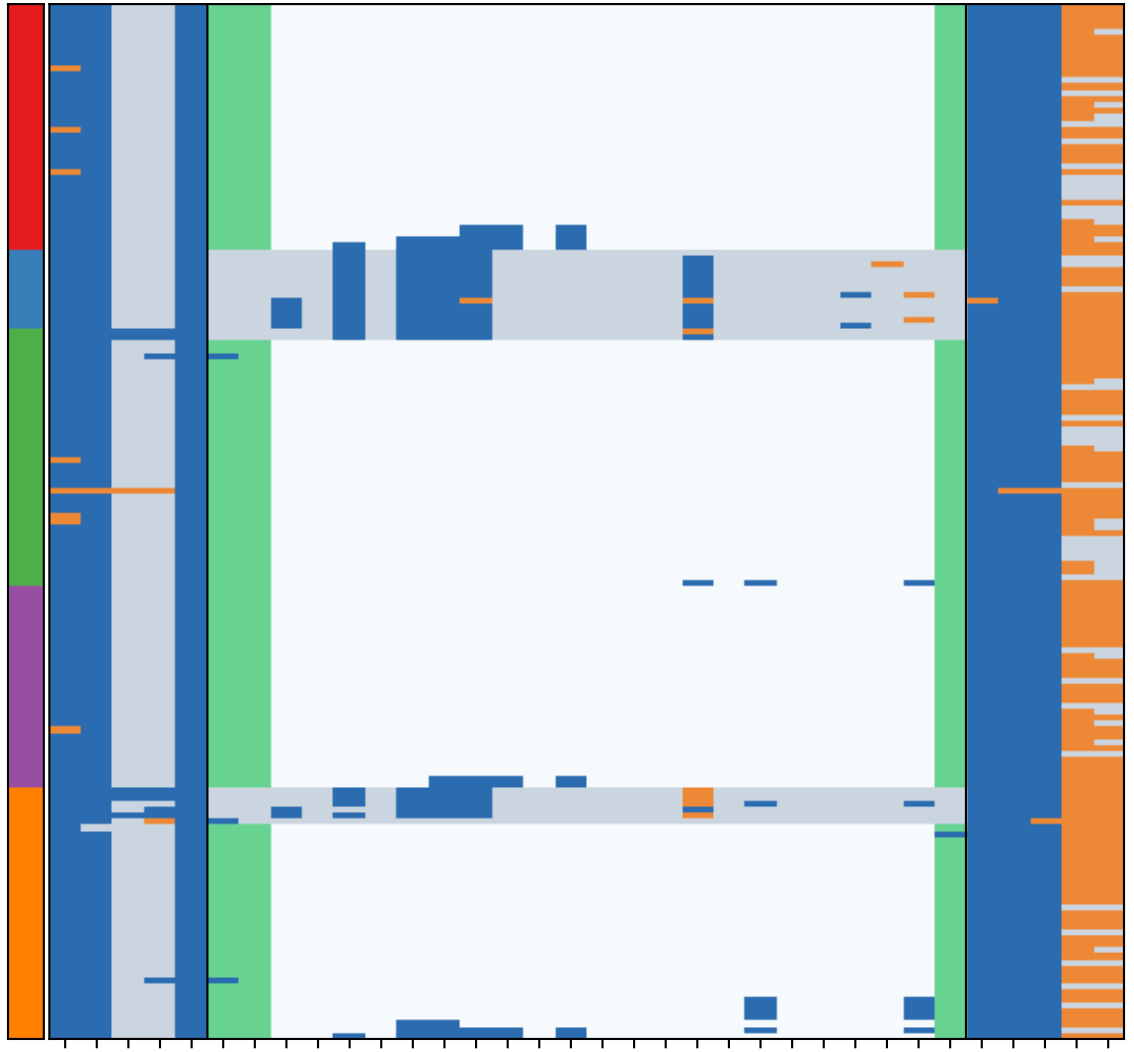
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L092 11 genes content 12% of 169 strains type: unresolved



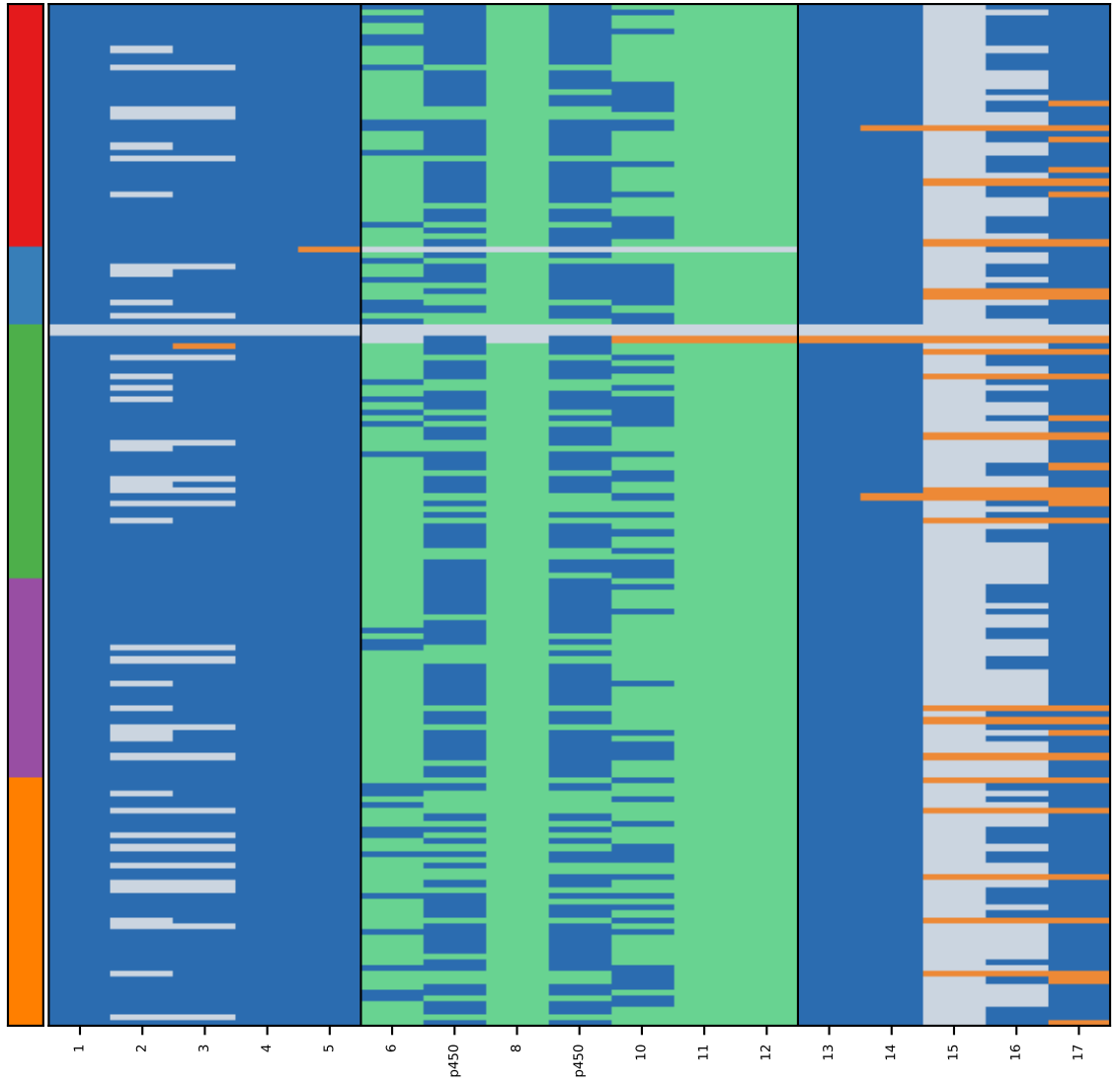
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L093 24 genes content 0% of 169 strains type: content_variants



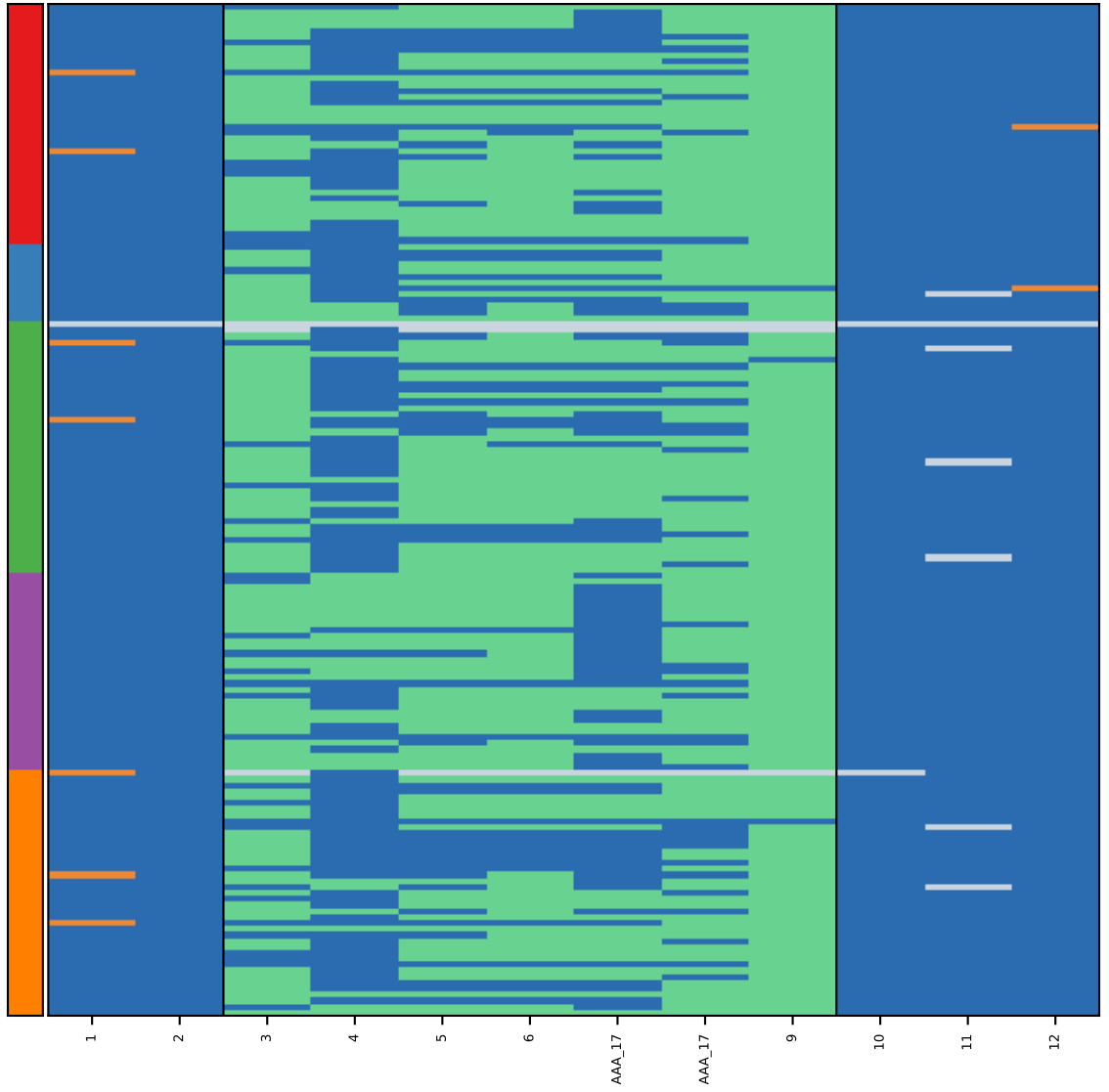
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L094 7 genes content 98% of 169 strains type: monomorphic



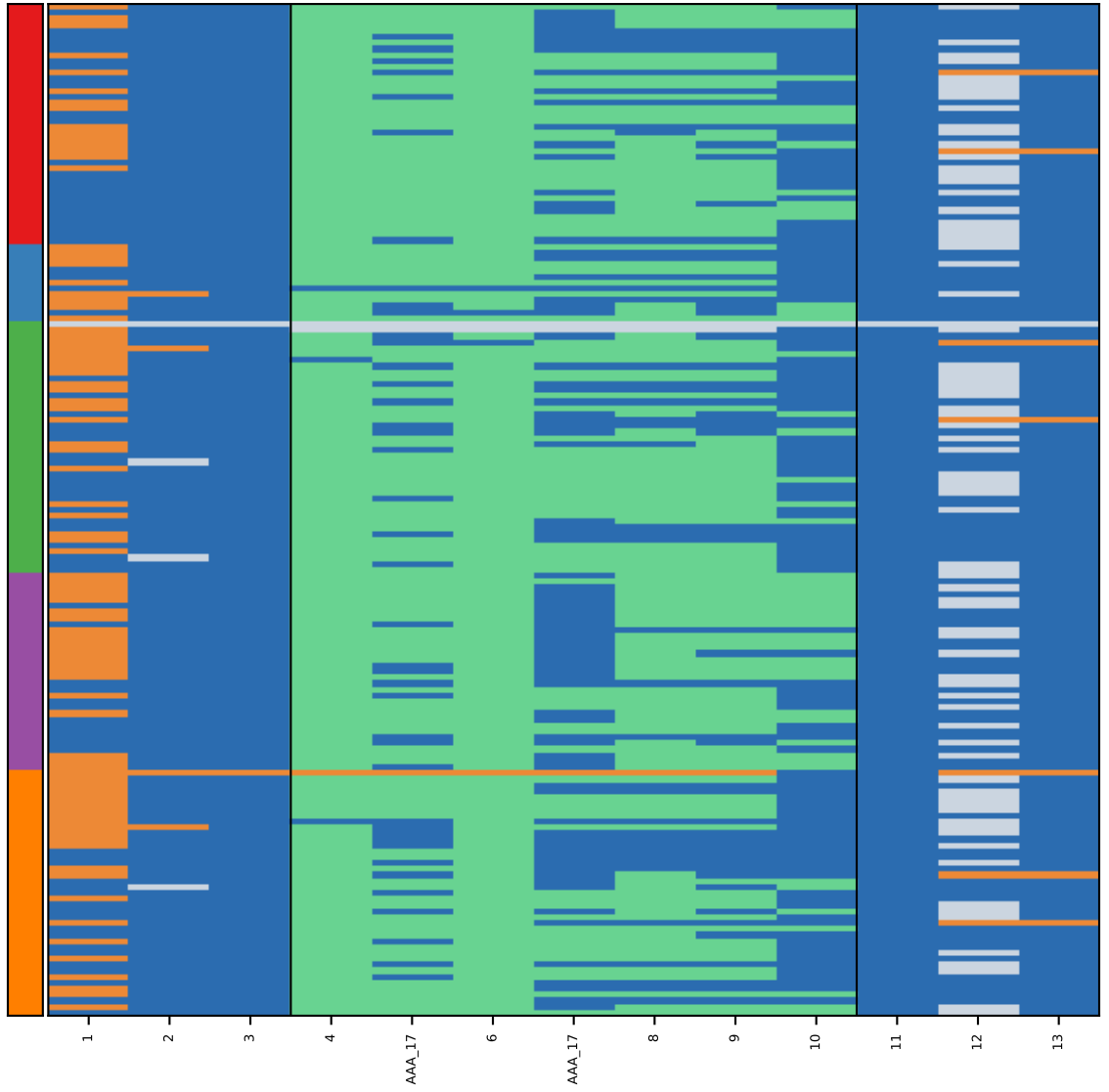
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L095 7 genes content 98% of 169 strains type: monomorphic

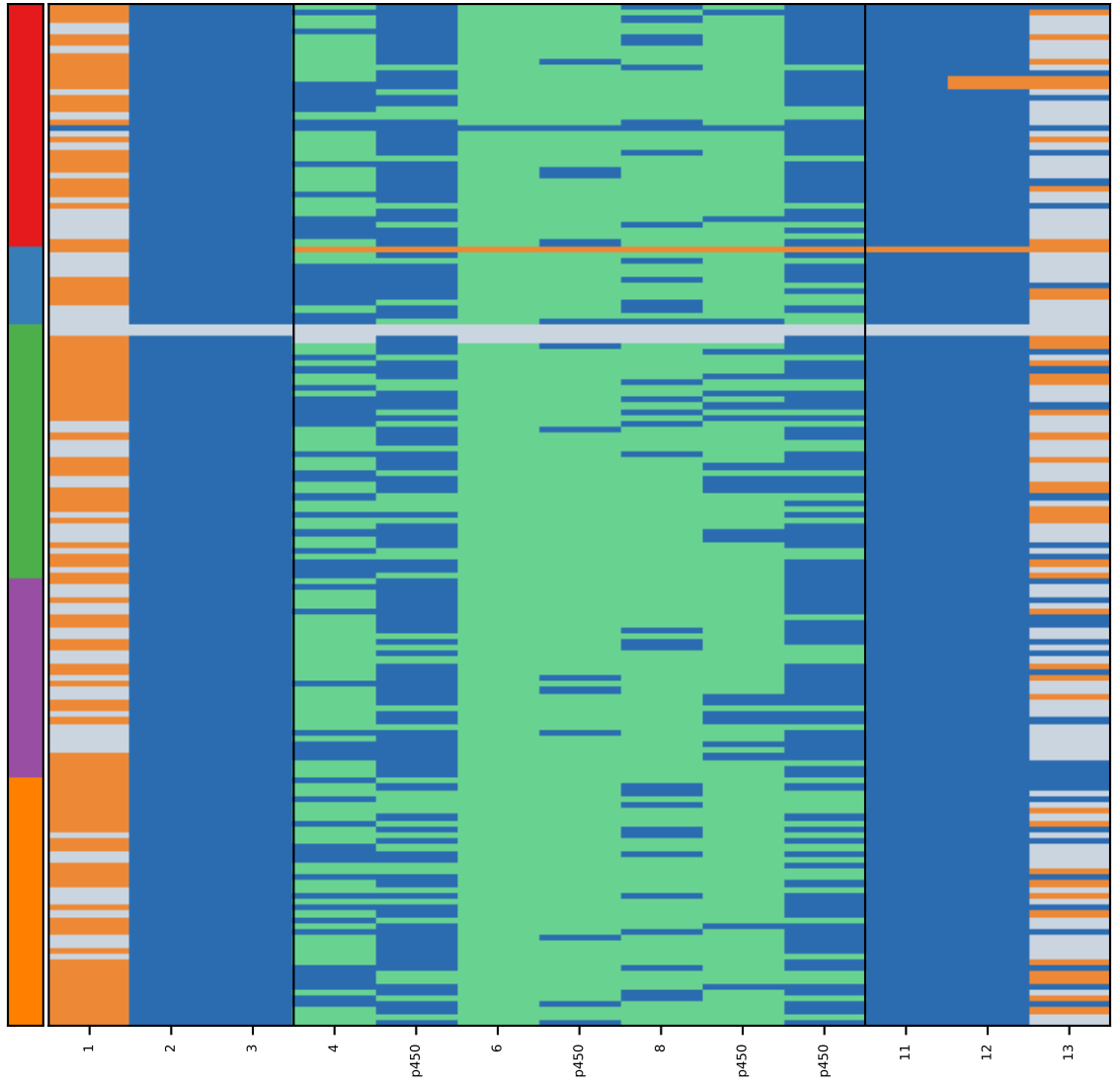


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L096 7 genes content 98% of 169 strains type: monomorphic

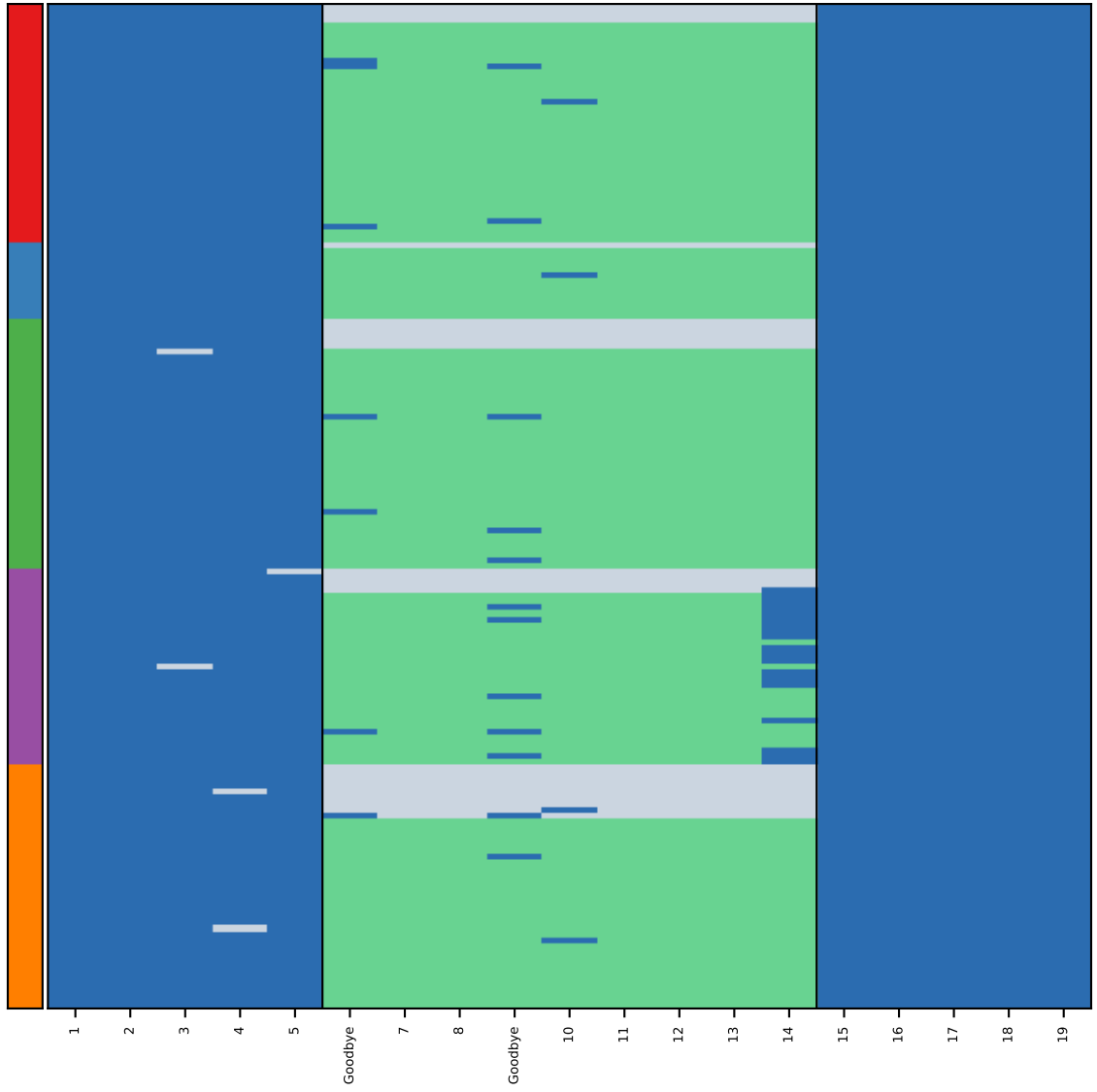


L097 7 genes content 98% of 169 strains type: monomorphic



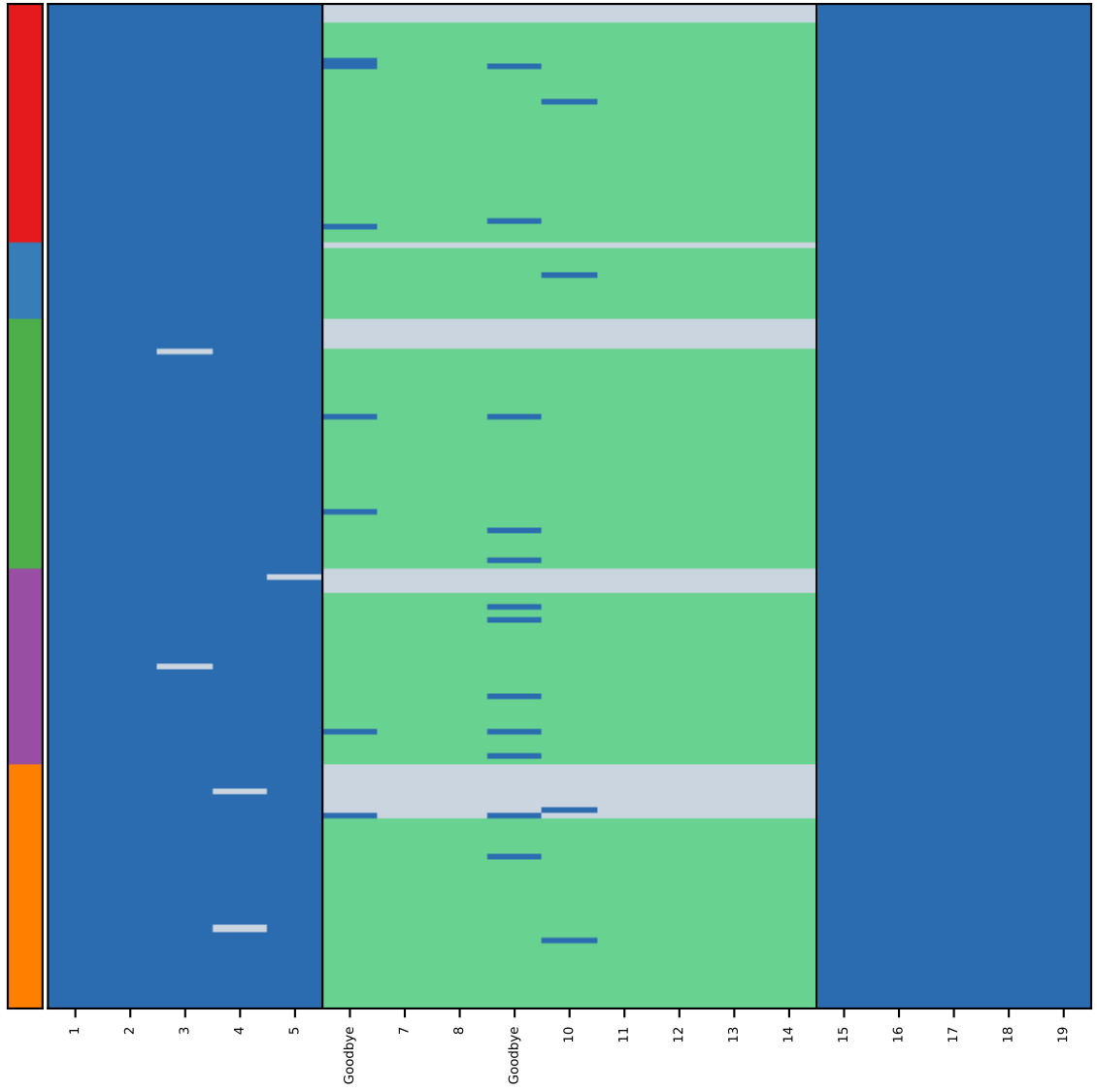
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L098 9 genes content 87% of 169 strains type: content_variants



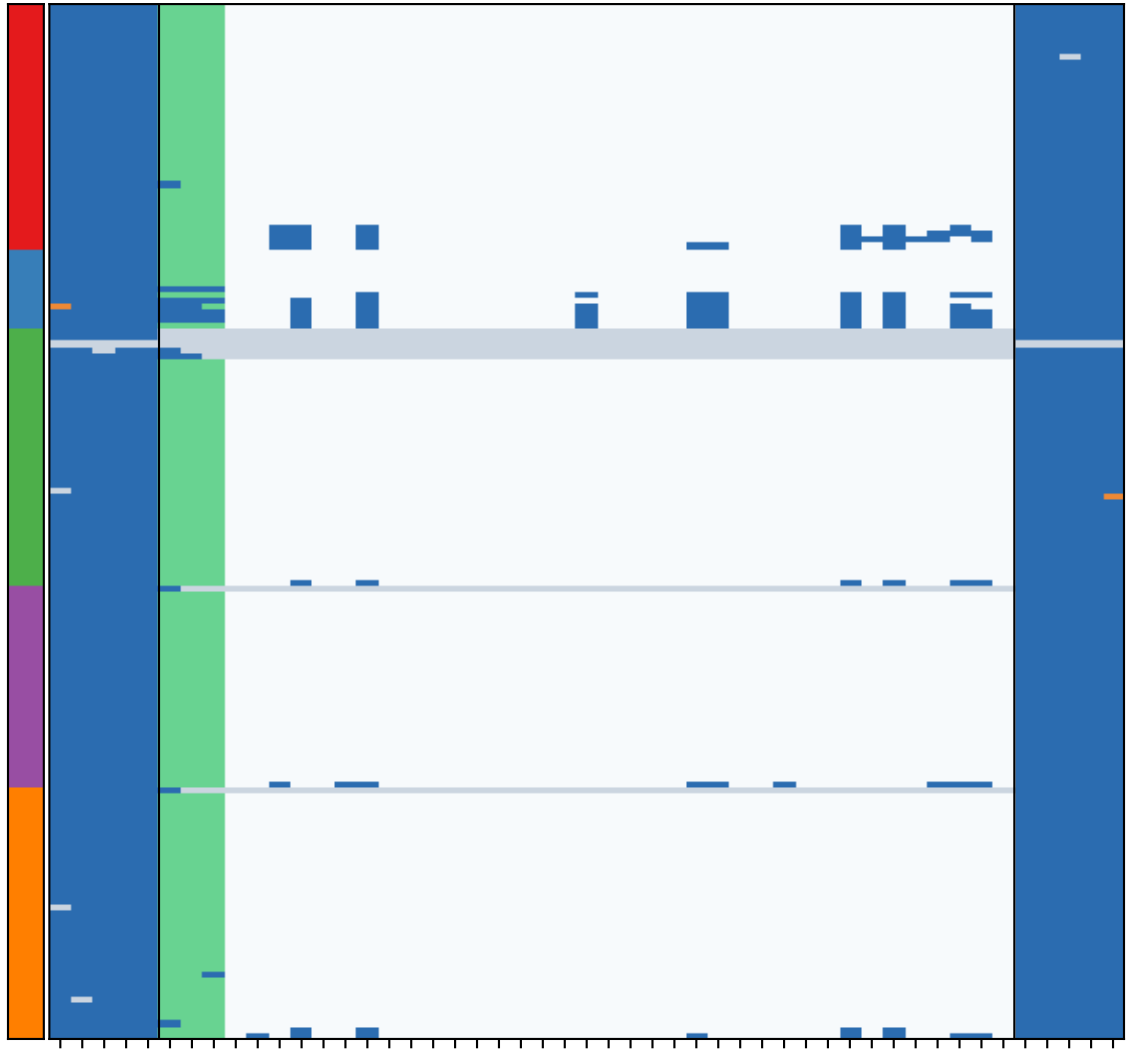
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L099 9 genes content 87% of 169 strains type: content_variants



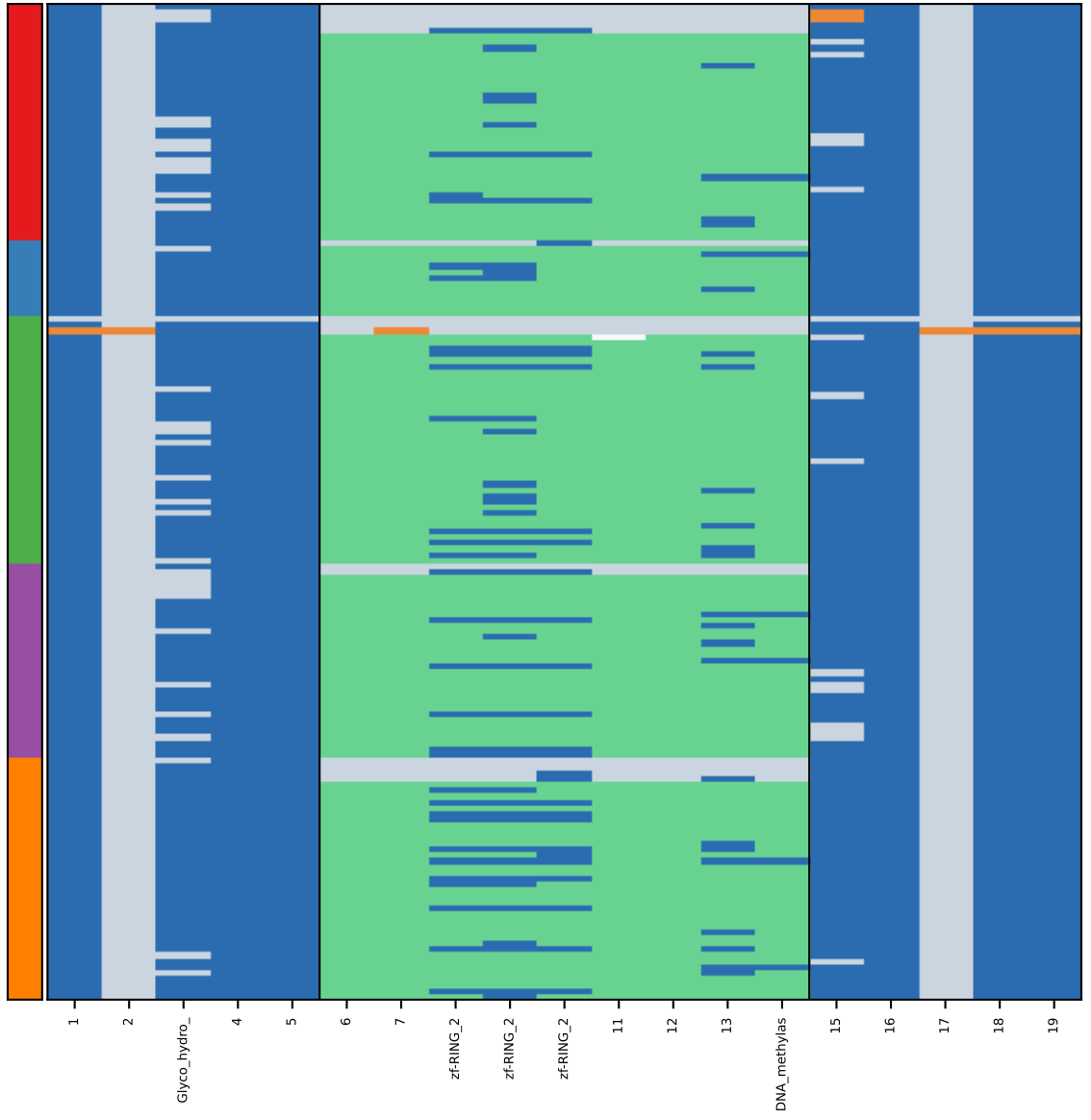
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L100 39 genes content 0% of 169 strains type: content_variants

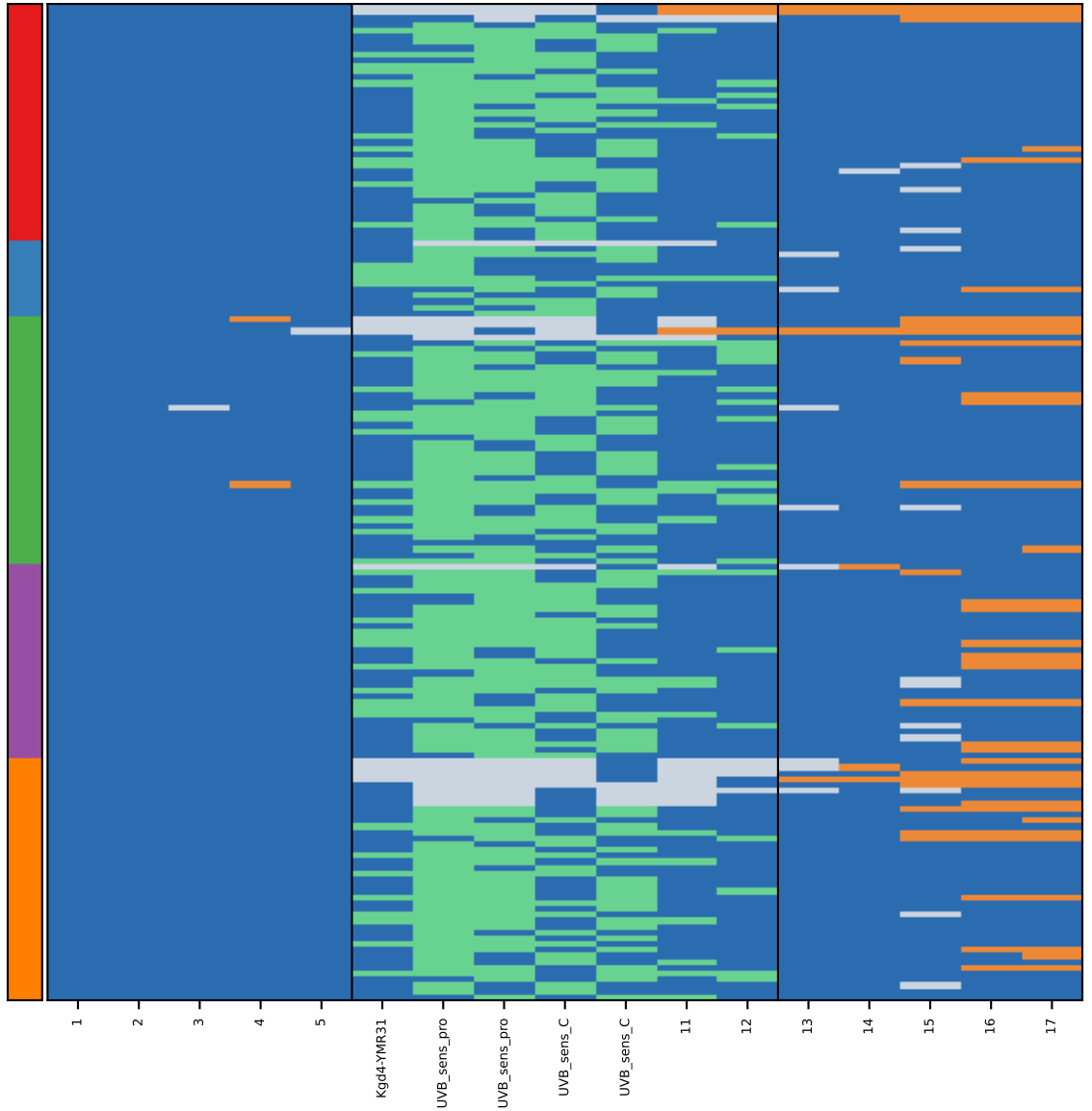


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

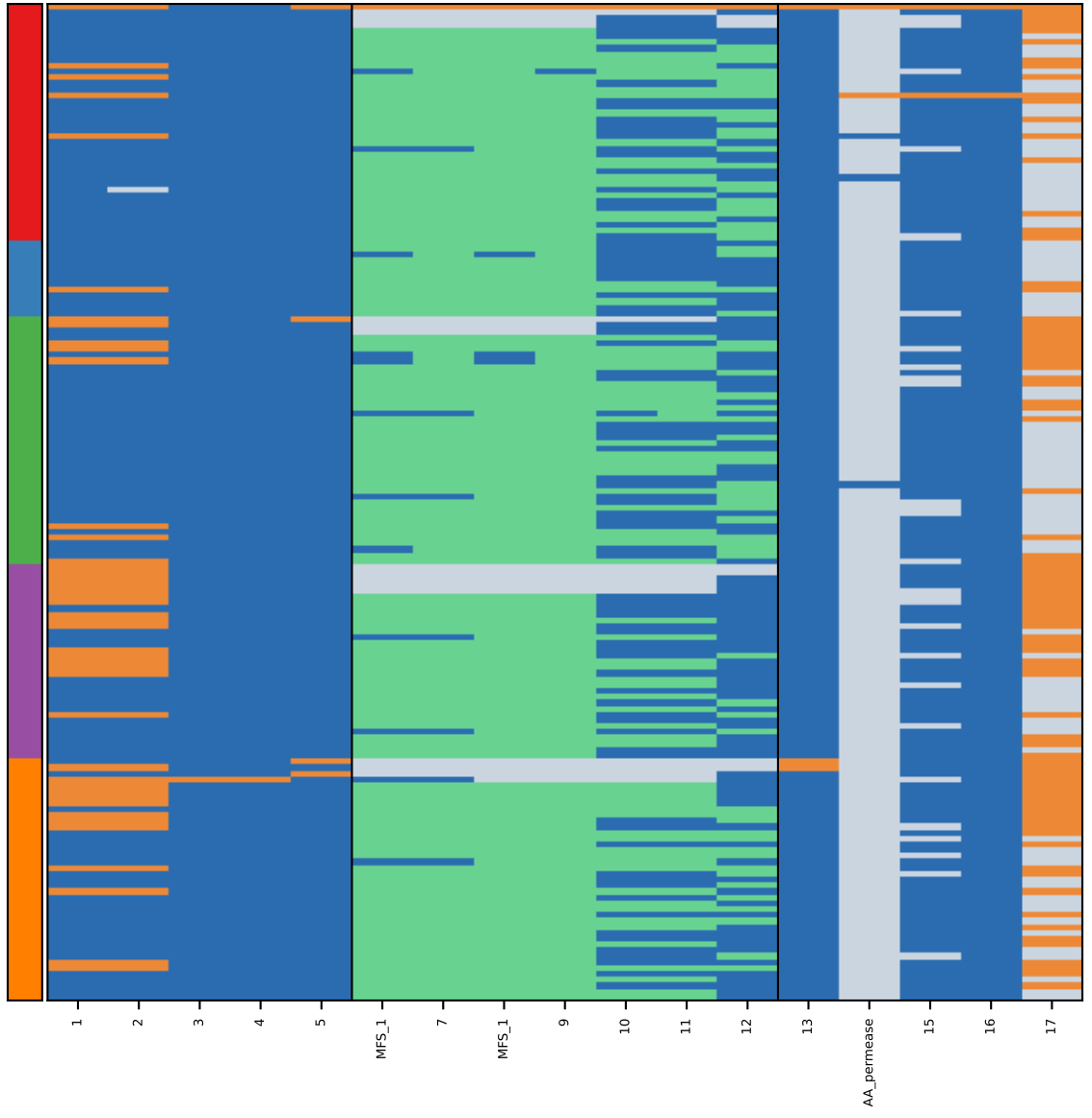
L101 9 genes content 91% of 169 strains type: monomorphic



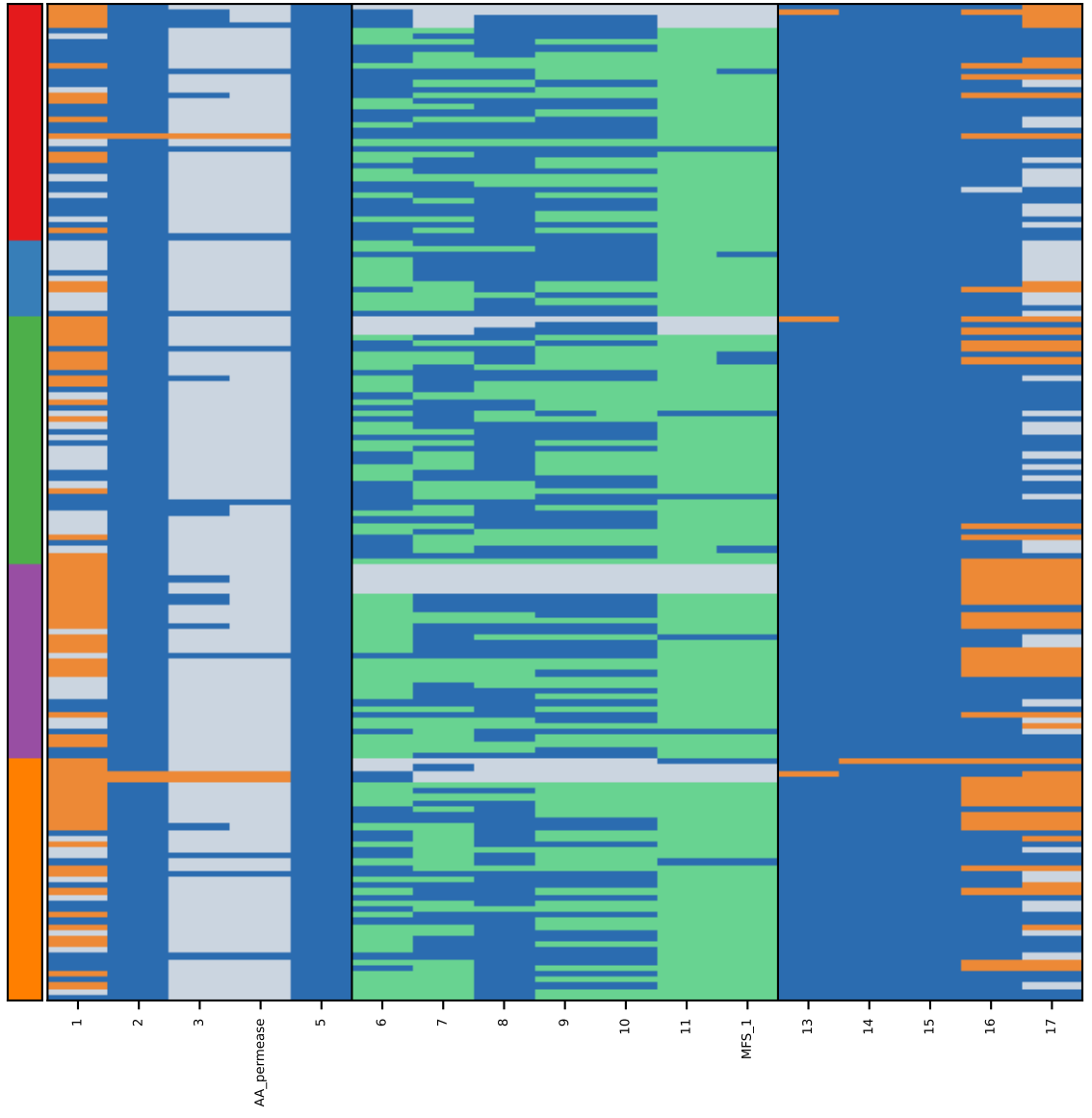
L102 7 genes content 90% of 169 strains type: content_variants



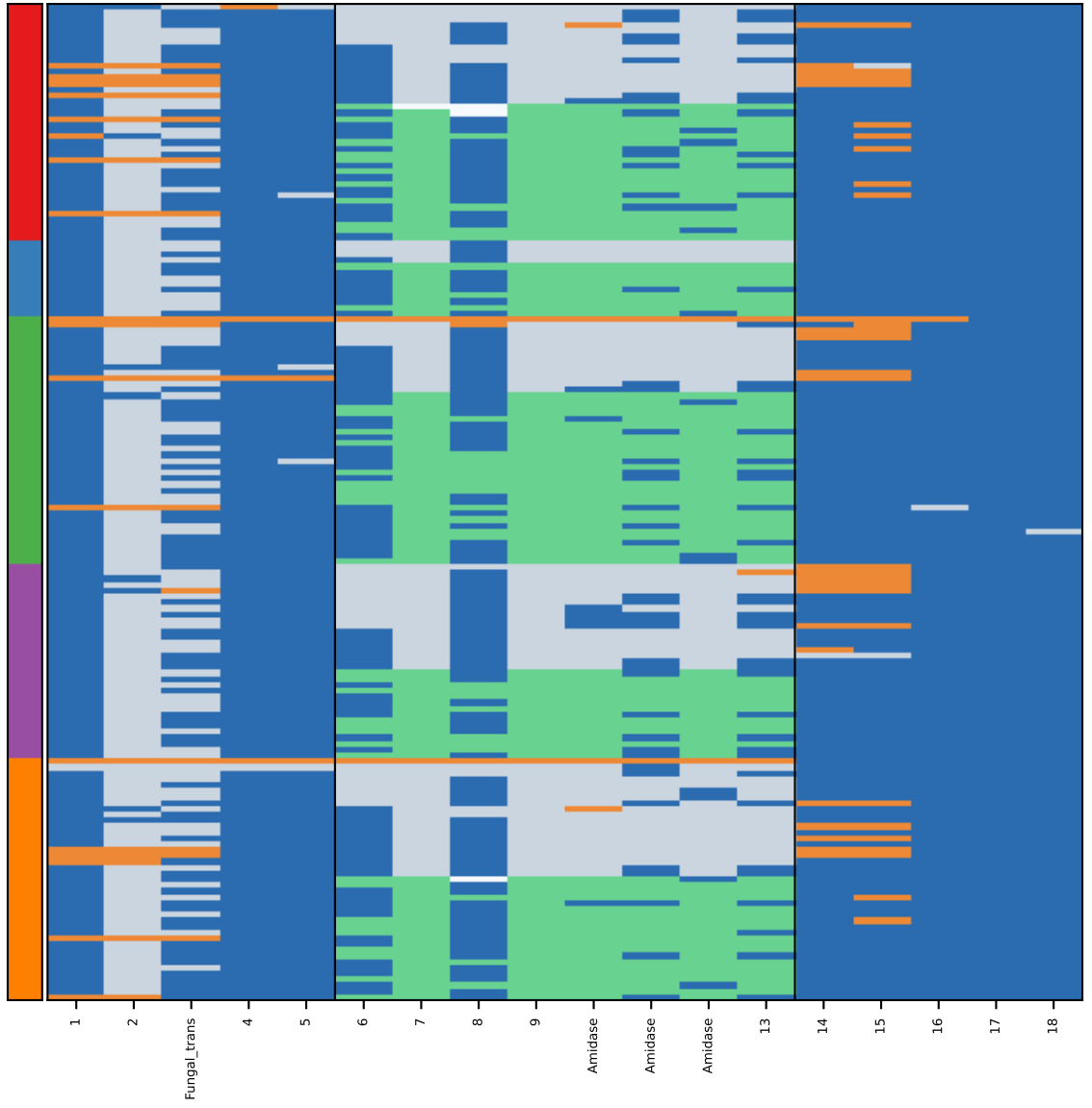
L103 7 genes content 91% of 169 strains type: monomorphic



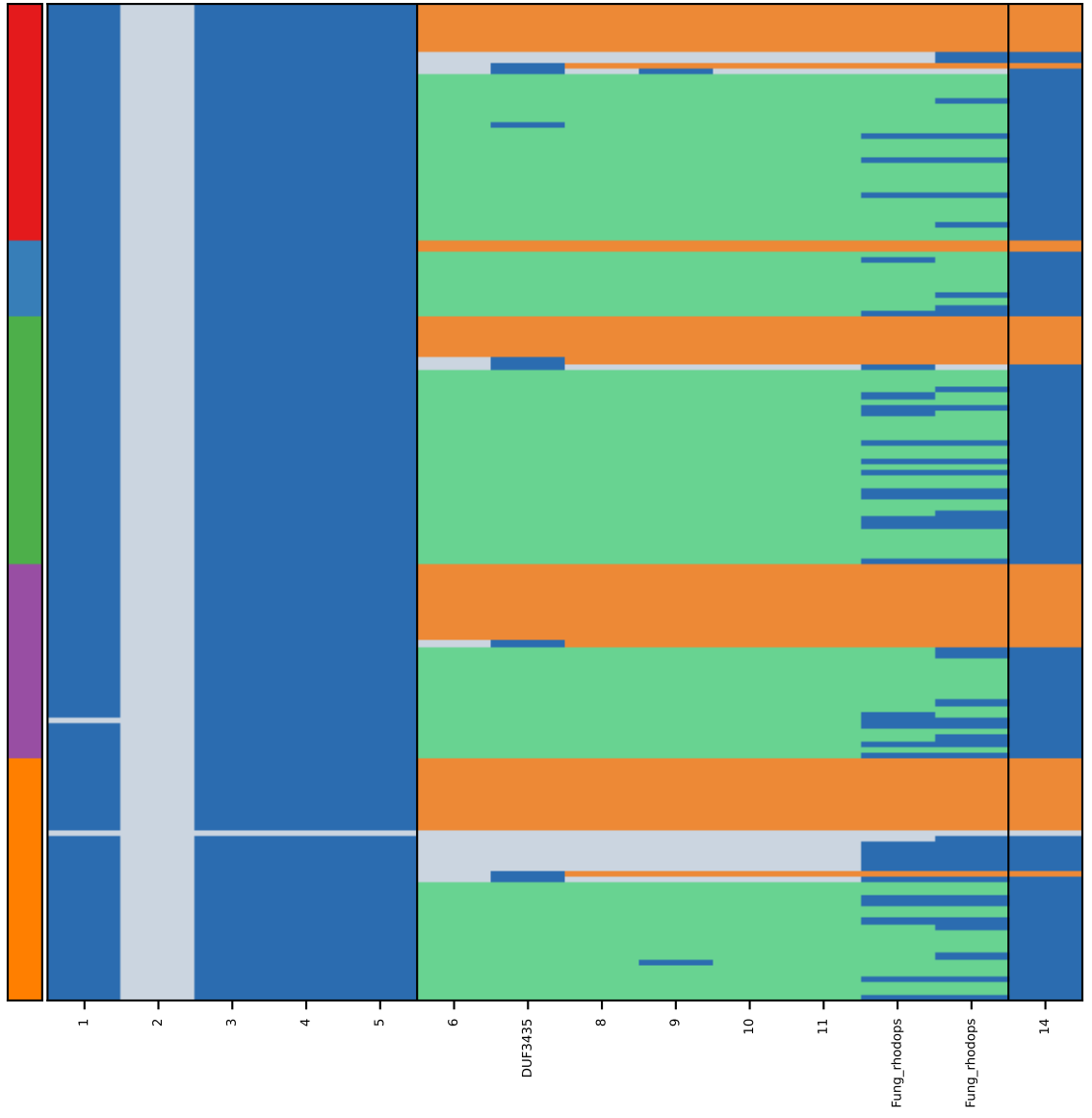
L104 7 genes content 92% of 169 strains type: monomorphic



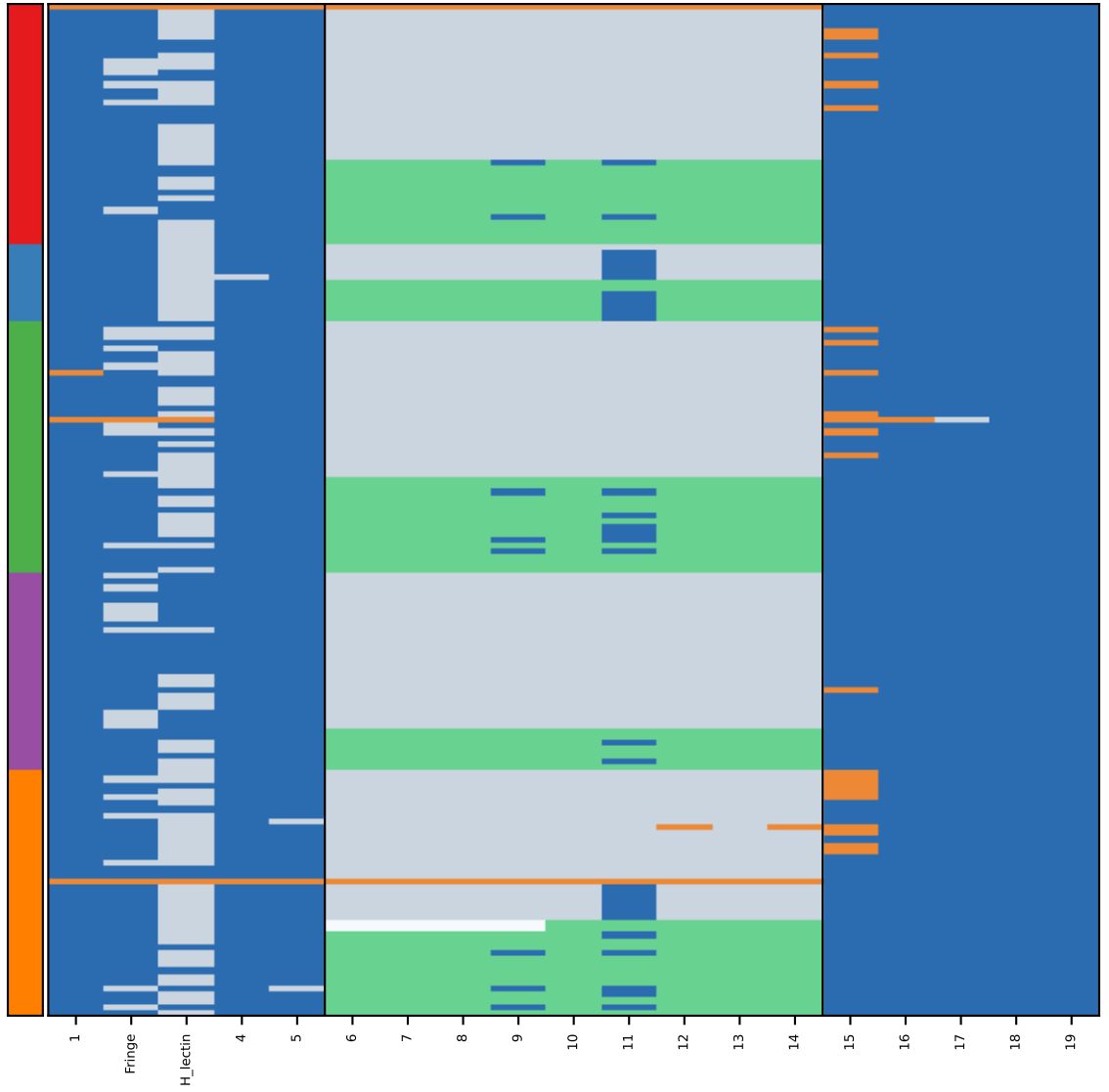
L105 8 genes content 64% of 169 strains type: content_variants



L106 8 genes content 66% of 169 strains type: content_variants

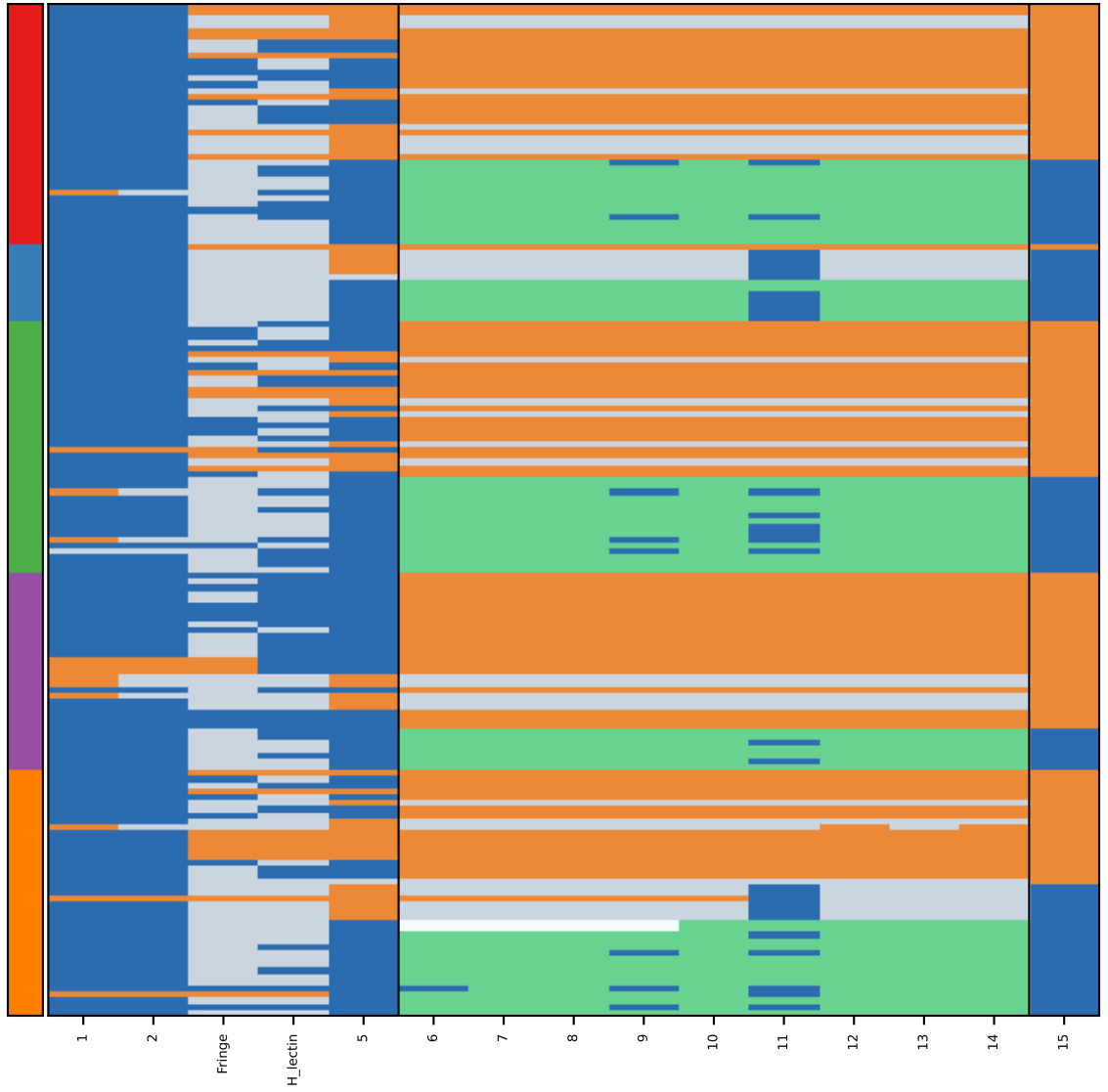


L107 9 genes content 36% of 169 strains type: unresolved



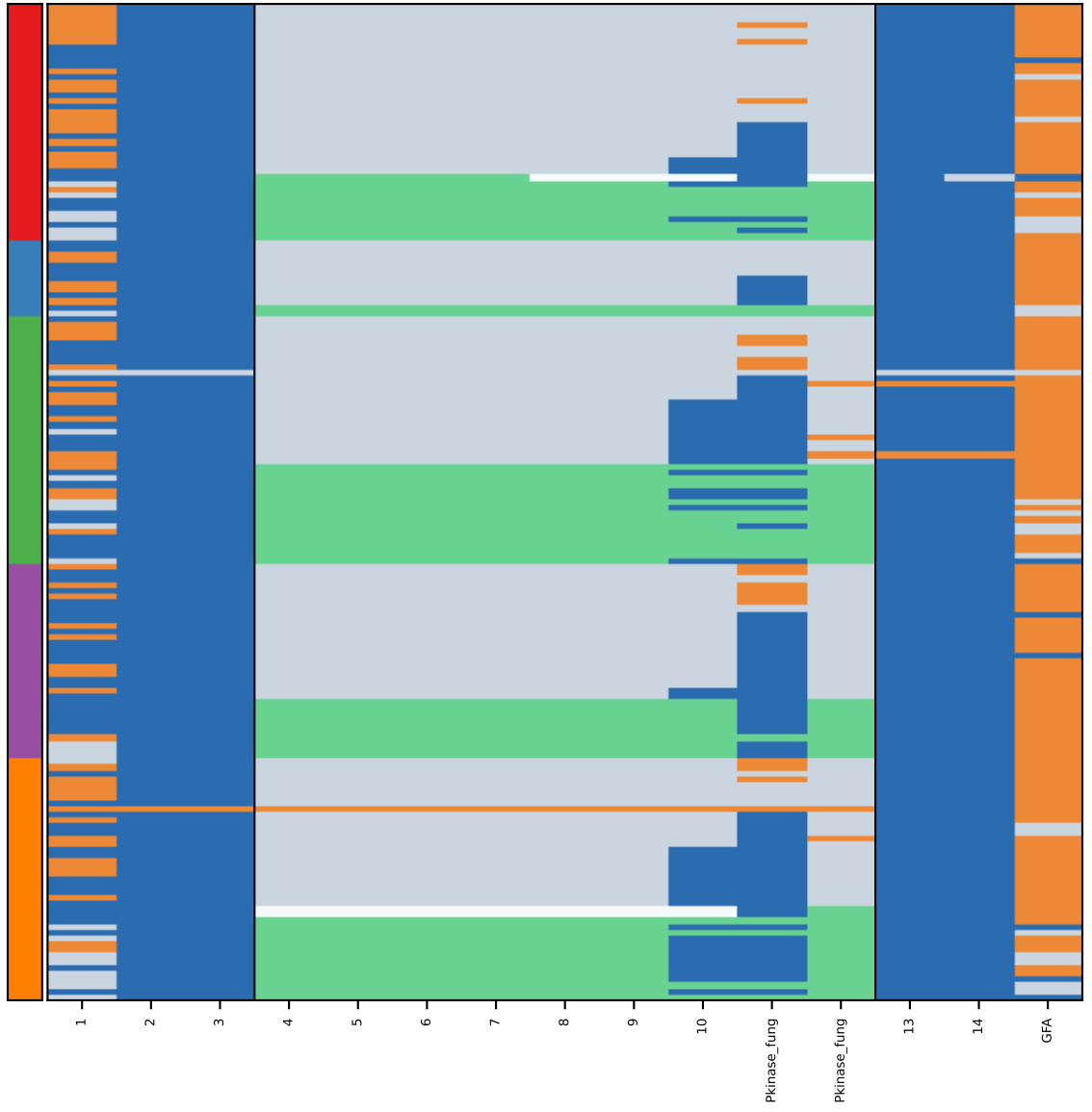
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L108 9 genes content 36% of 169 strains type: unresolved

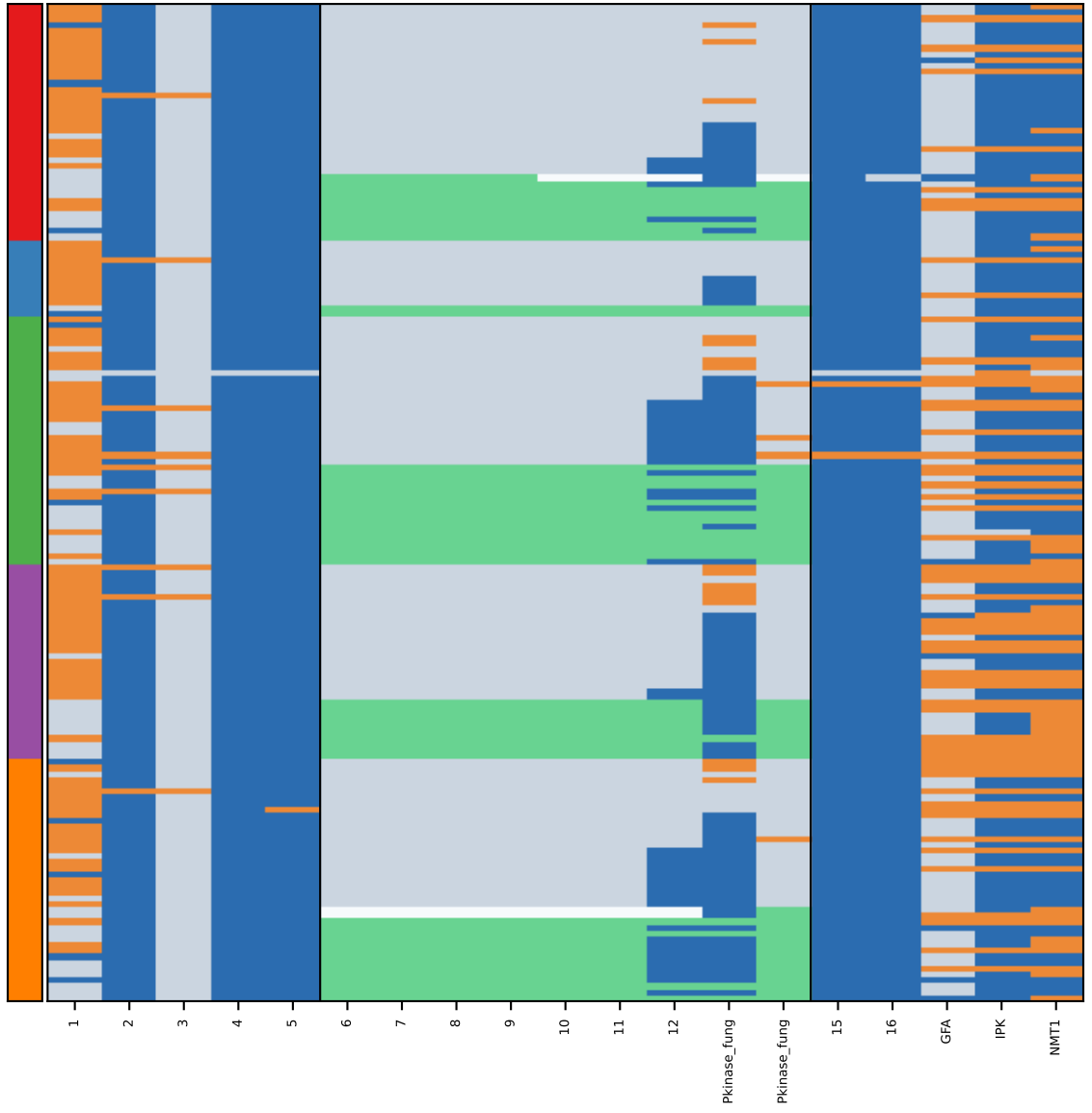


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

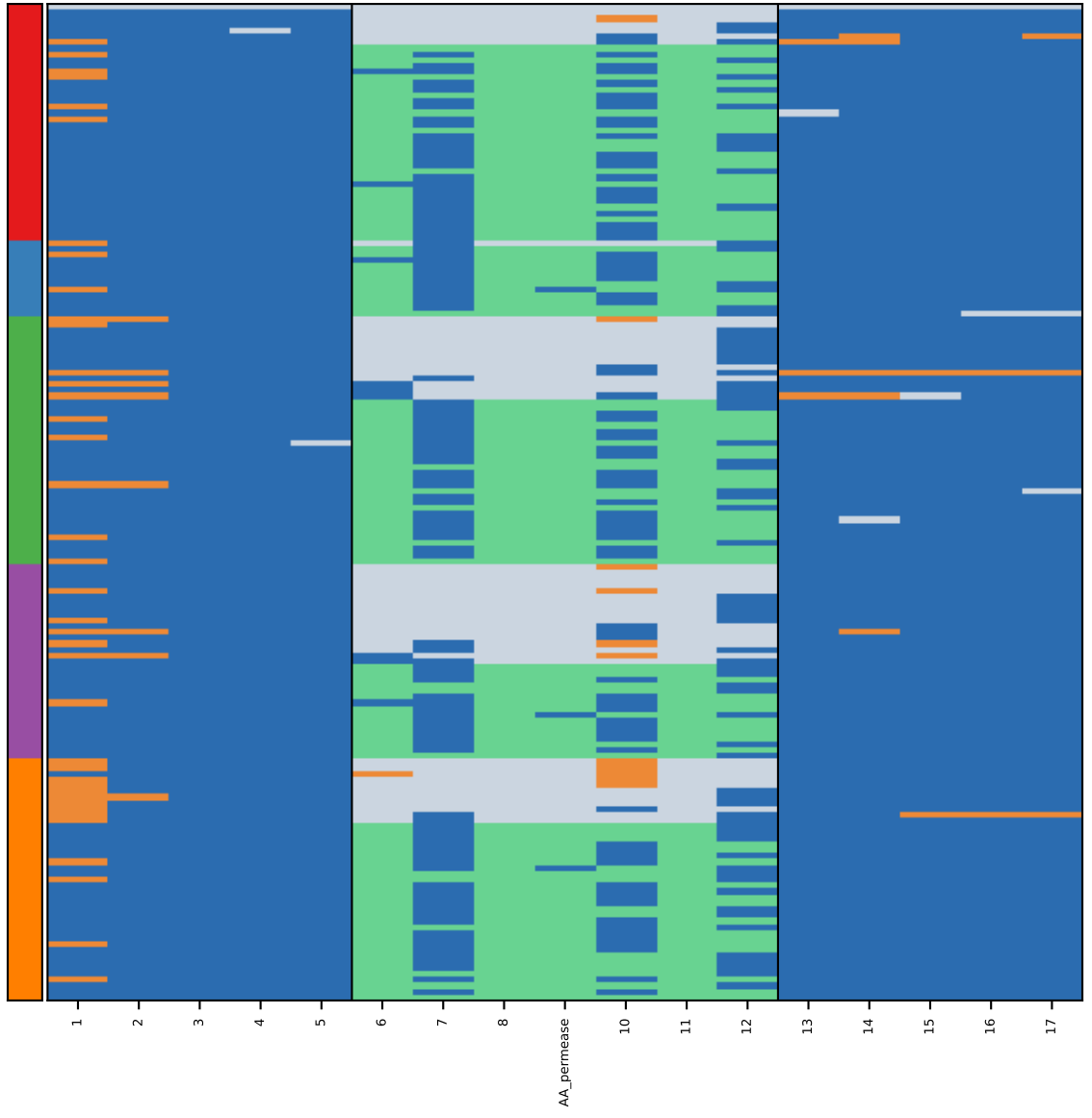
L109 9 genes content 32% of 169 strains type: unresolved



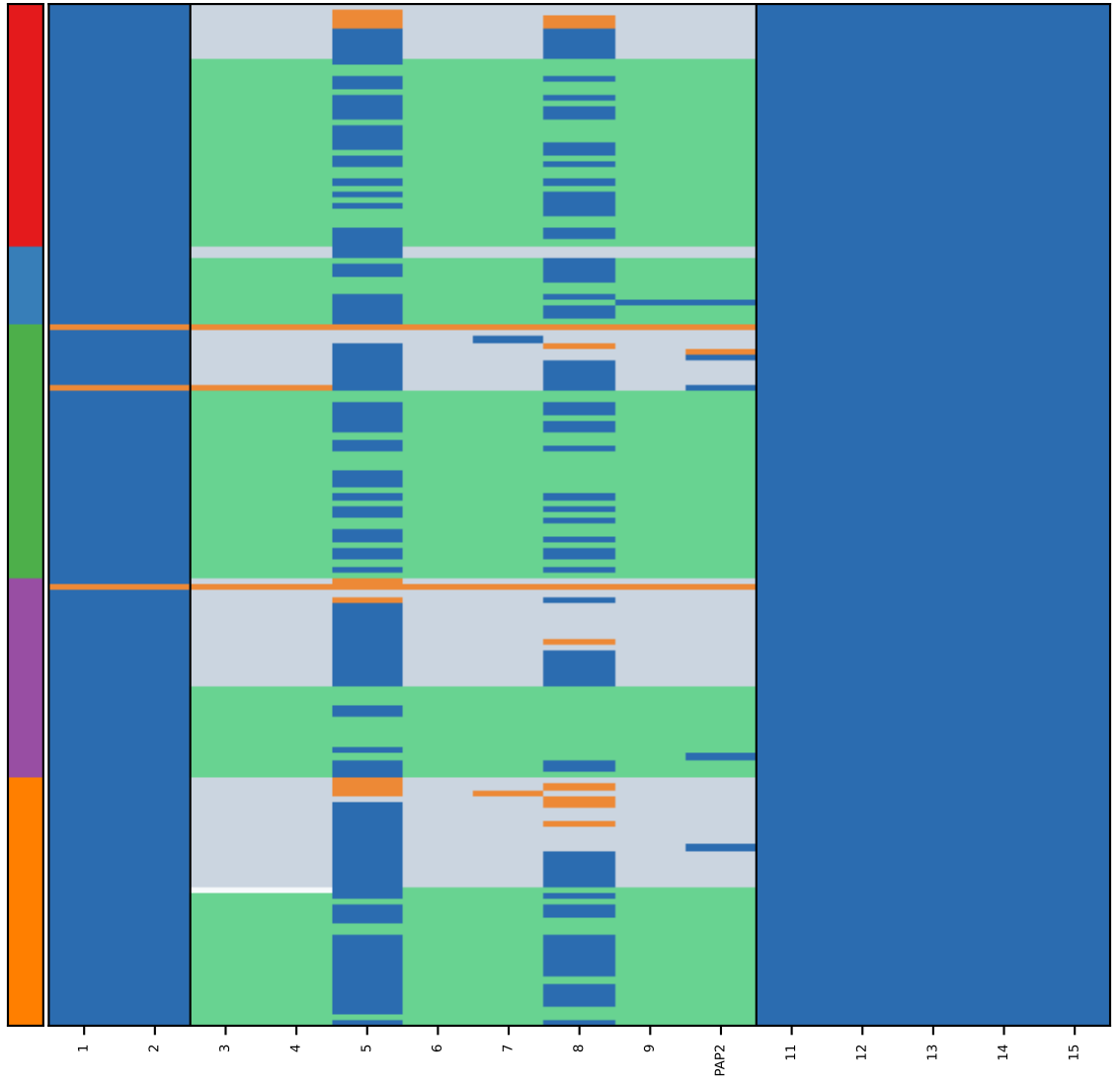
L110 9 genes content 32% of 169 strains type: unresolved



L111 7 genes content 70% of 169 strains type: content_variants

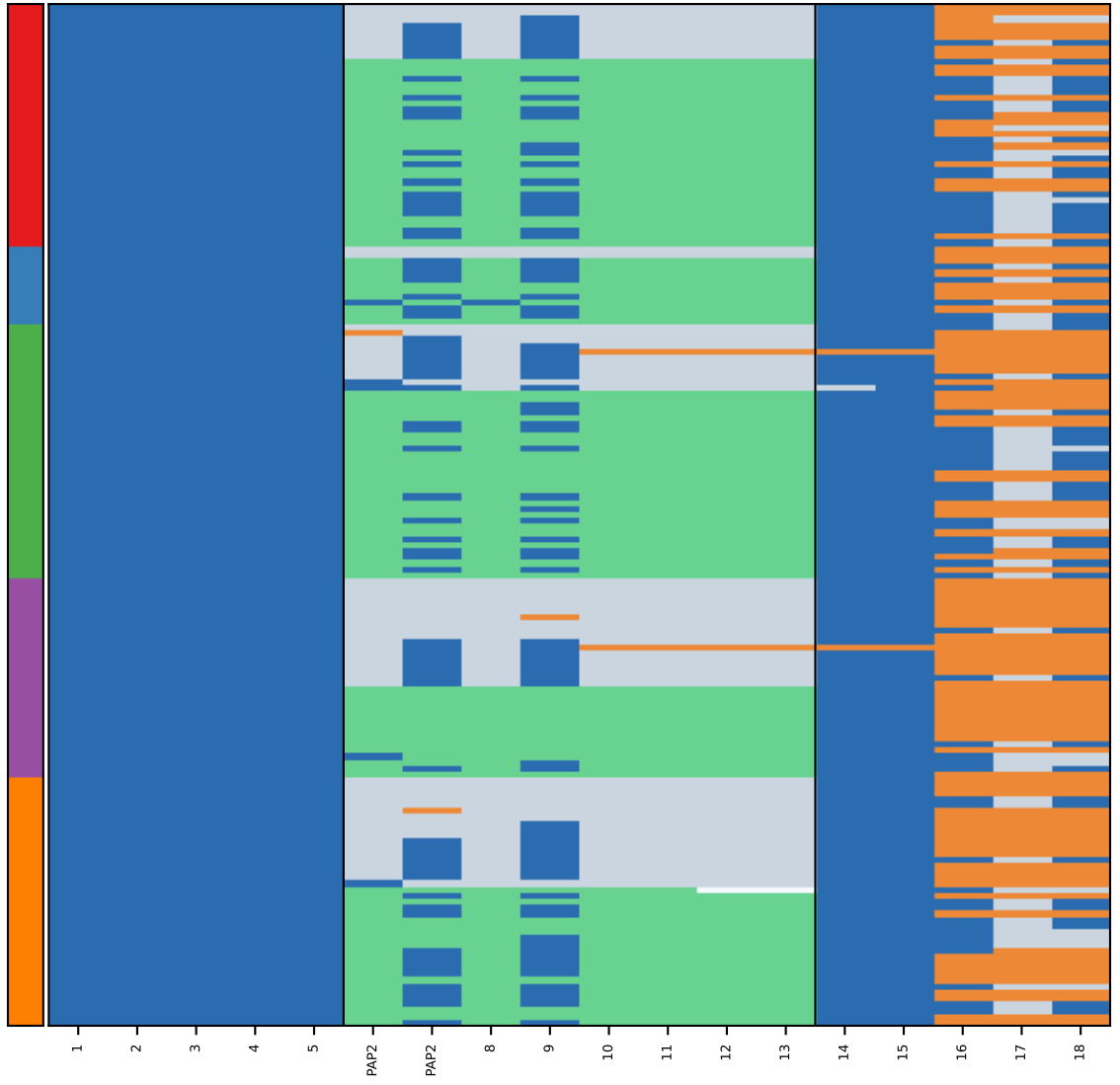


L112 8 genes content 66% of 169 strains type: content_variants

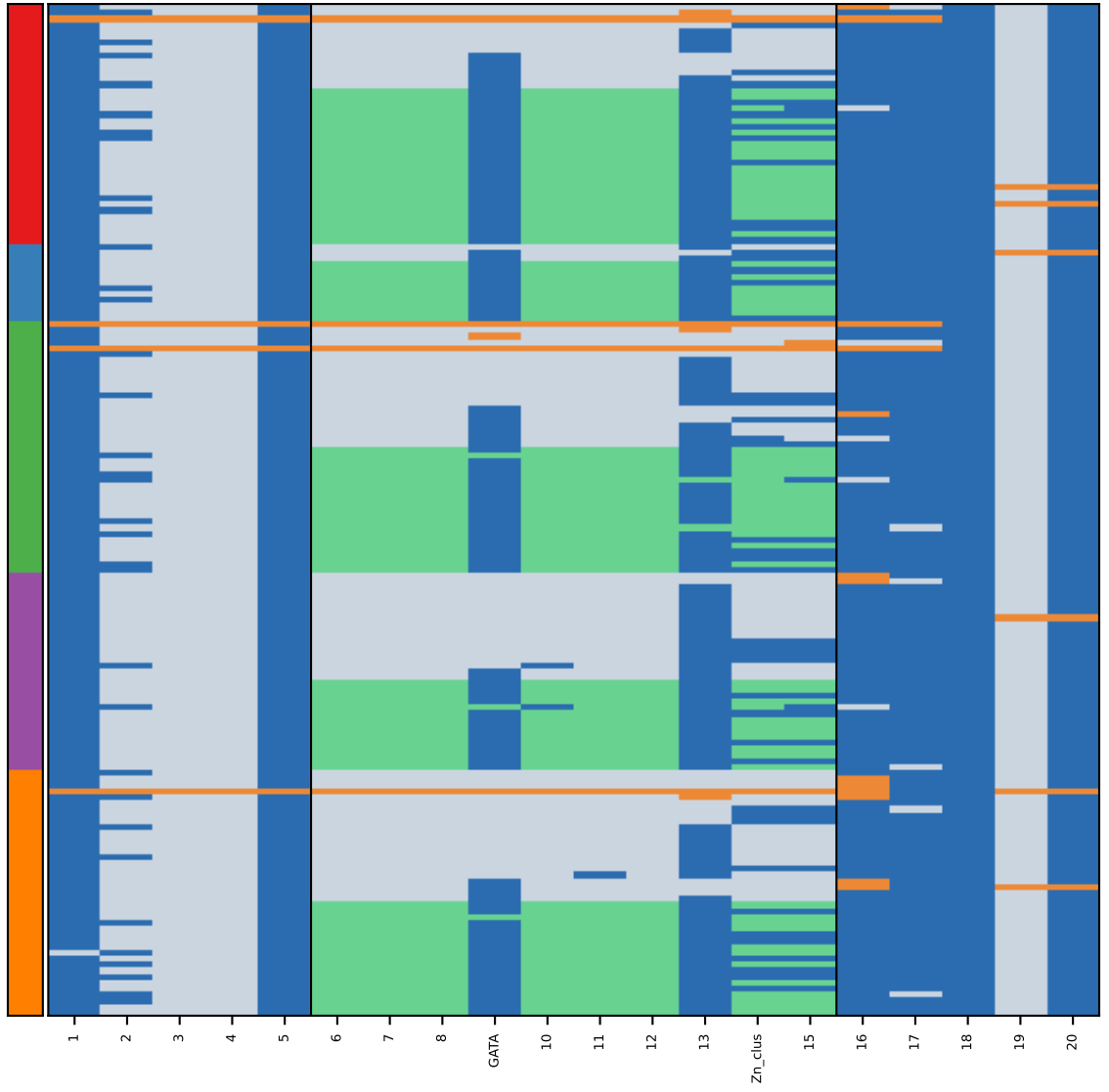


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L113 8 genes content 66% of 169 strains type: content_variants

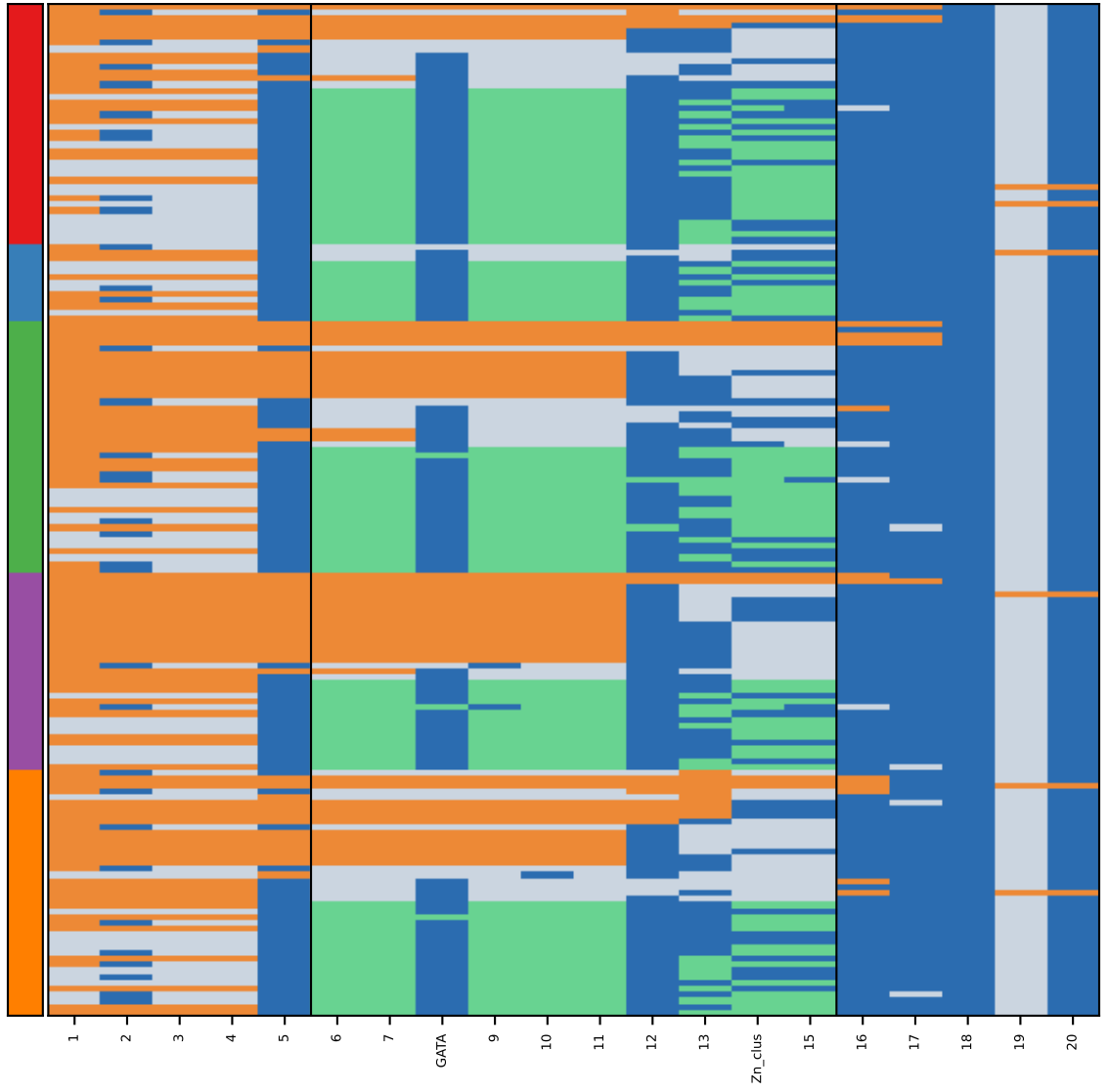


L114 10 genes content 54% of 169 strains type: content_variants



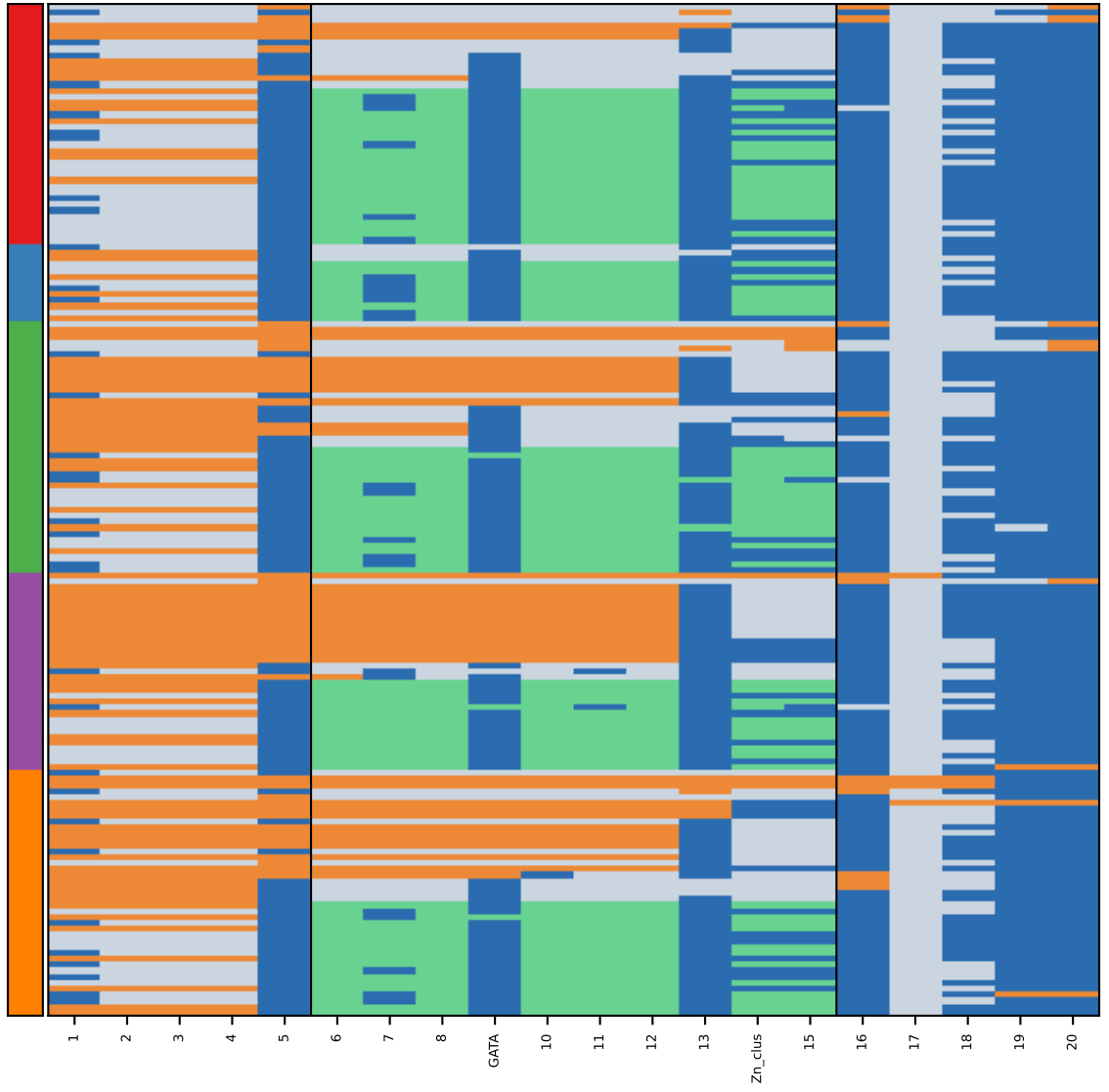
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L115 10 genes content 54% of 169 strains type: content_variants



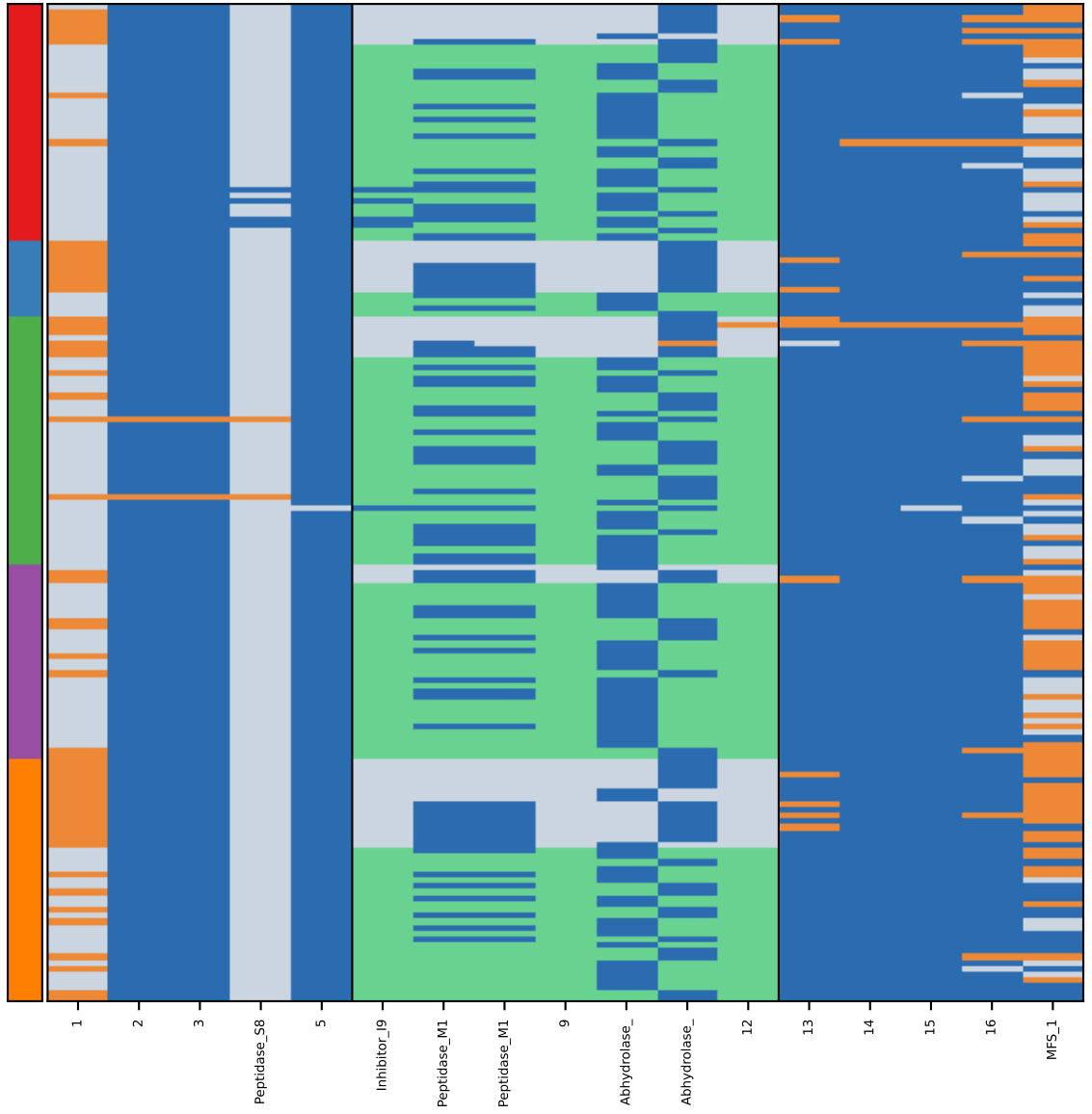
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L116 10 genes content 54% of 169 strains type: content_variants

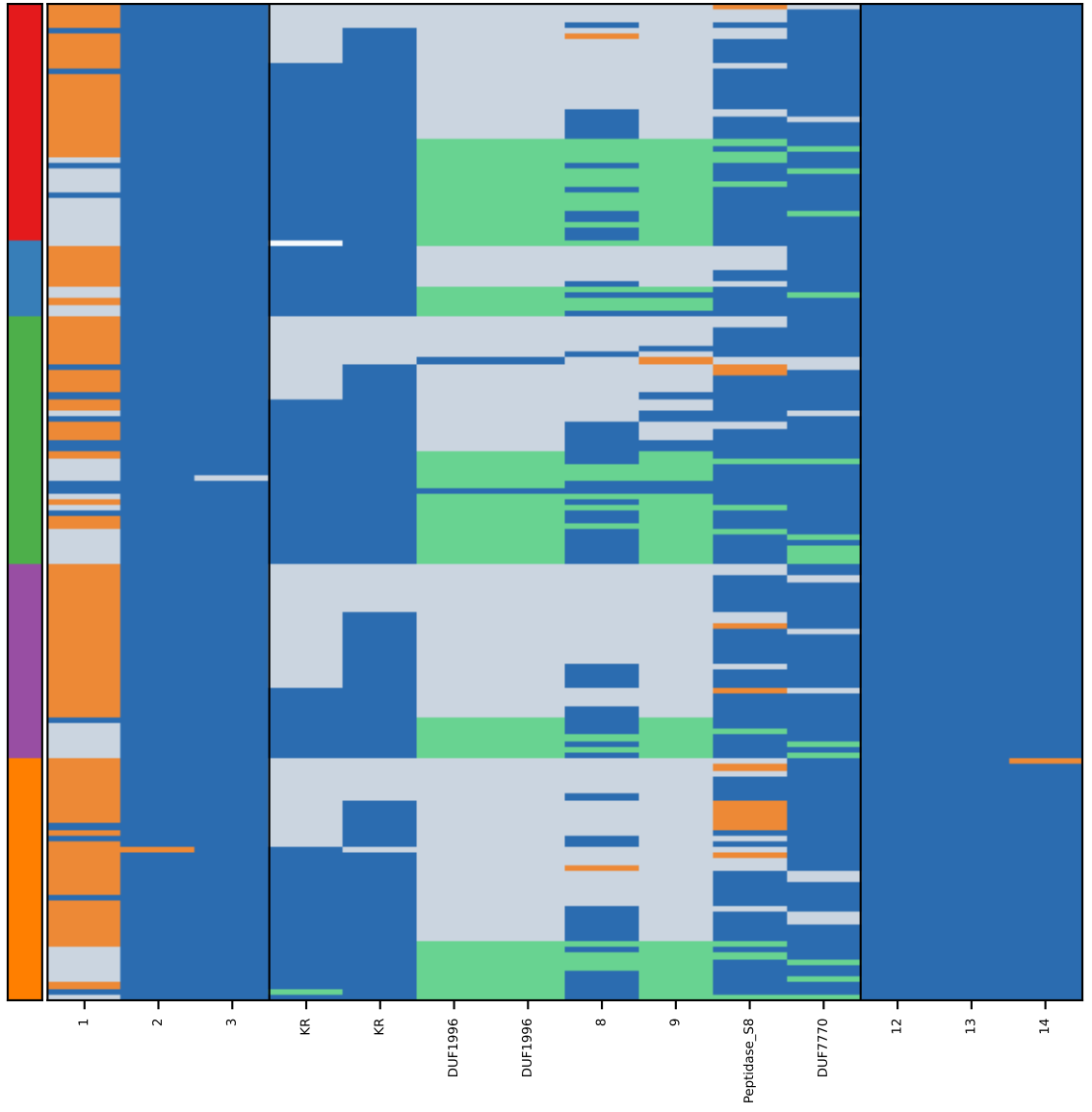


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

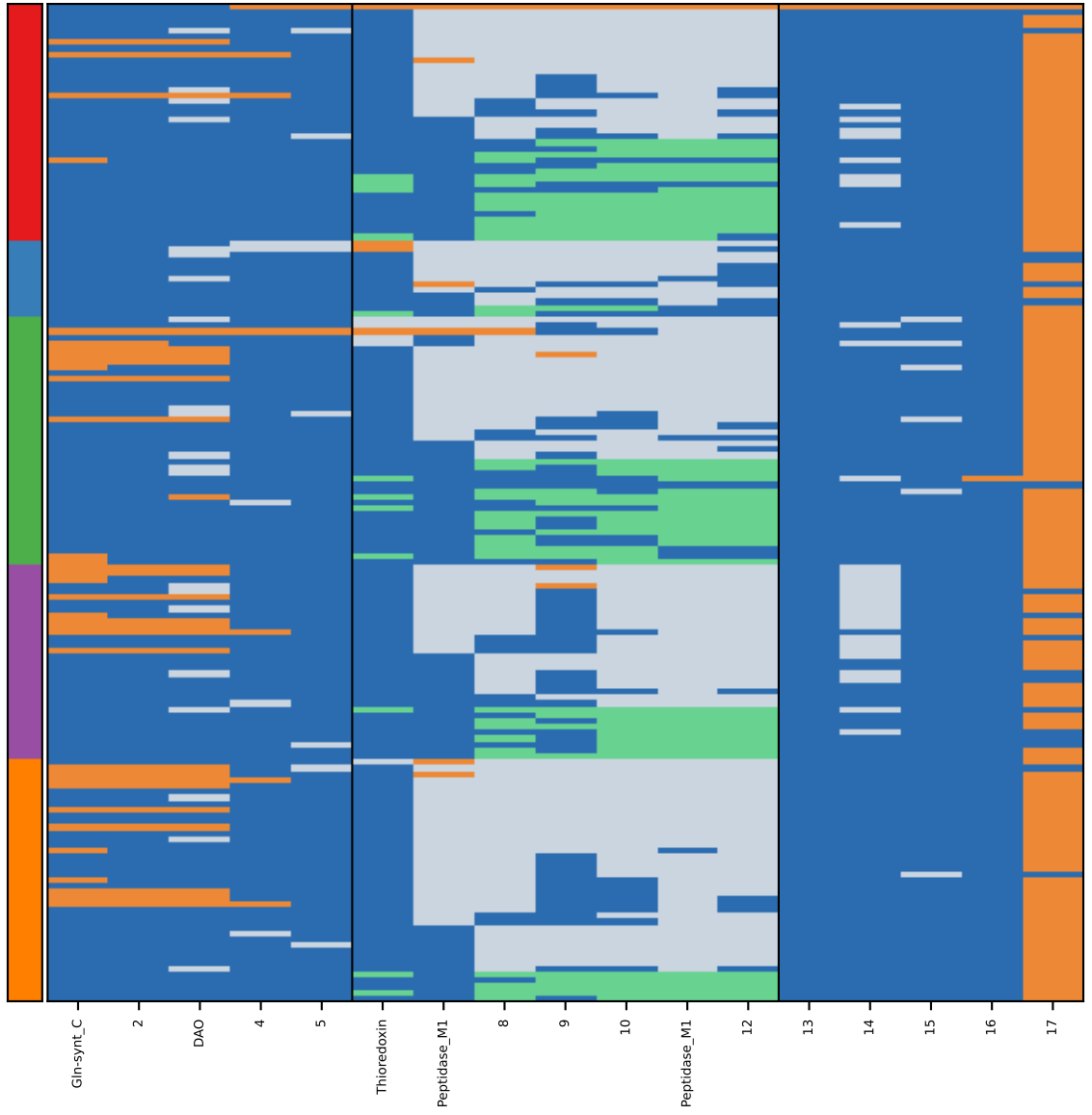
L117 7 genes content 76% of 169 strains type: content_variants



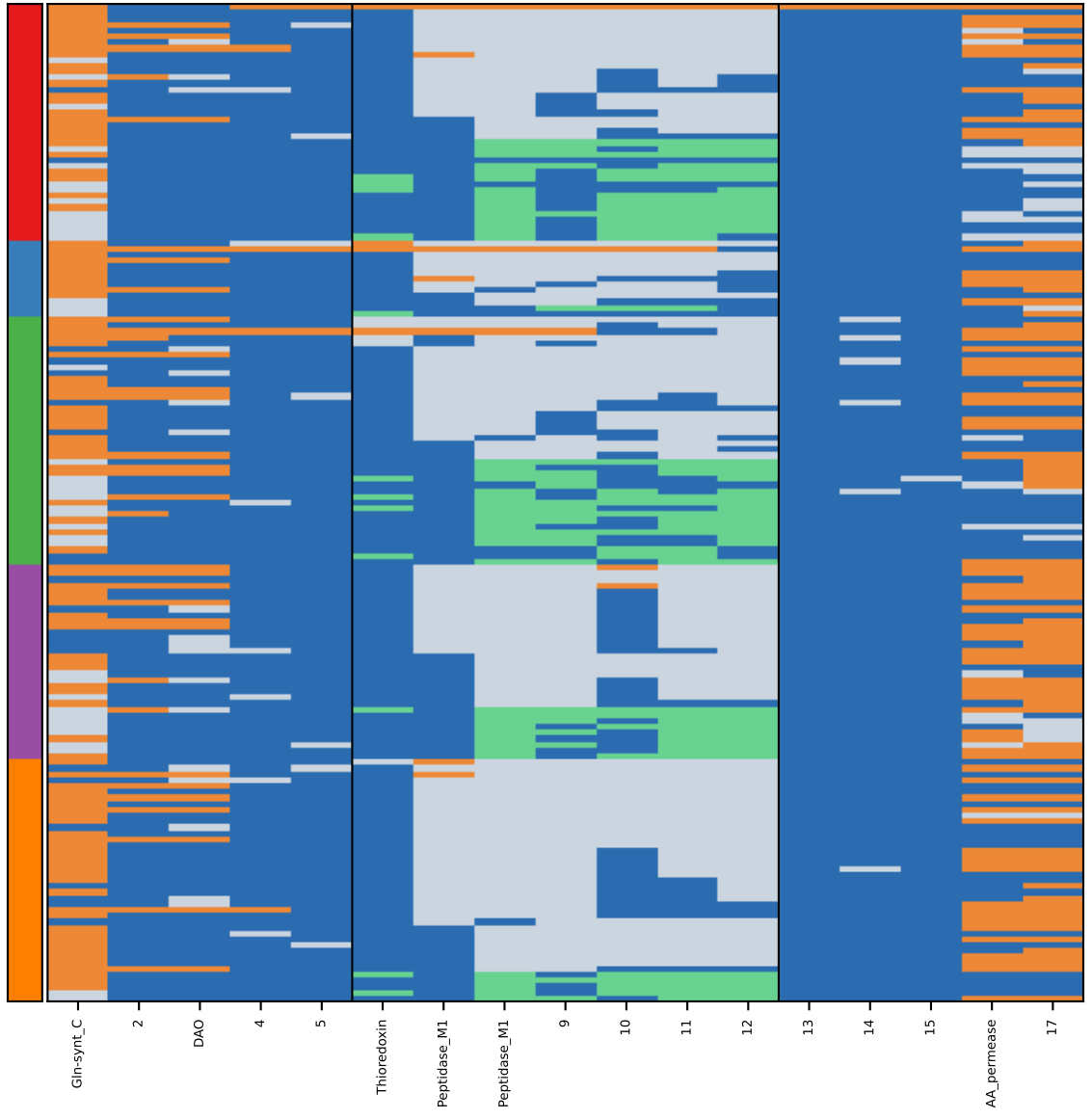
L118 8 genes content 60% of 169 strains type: unresolved



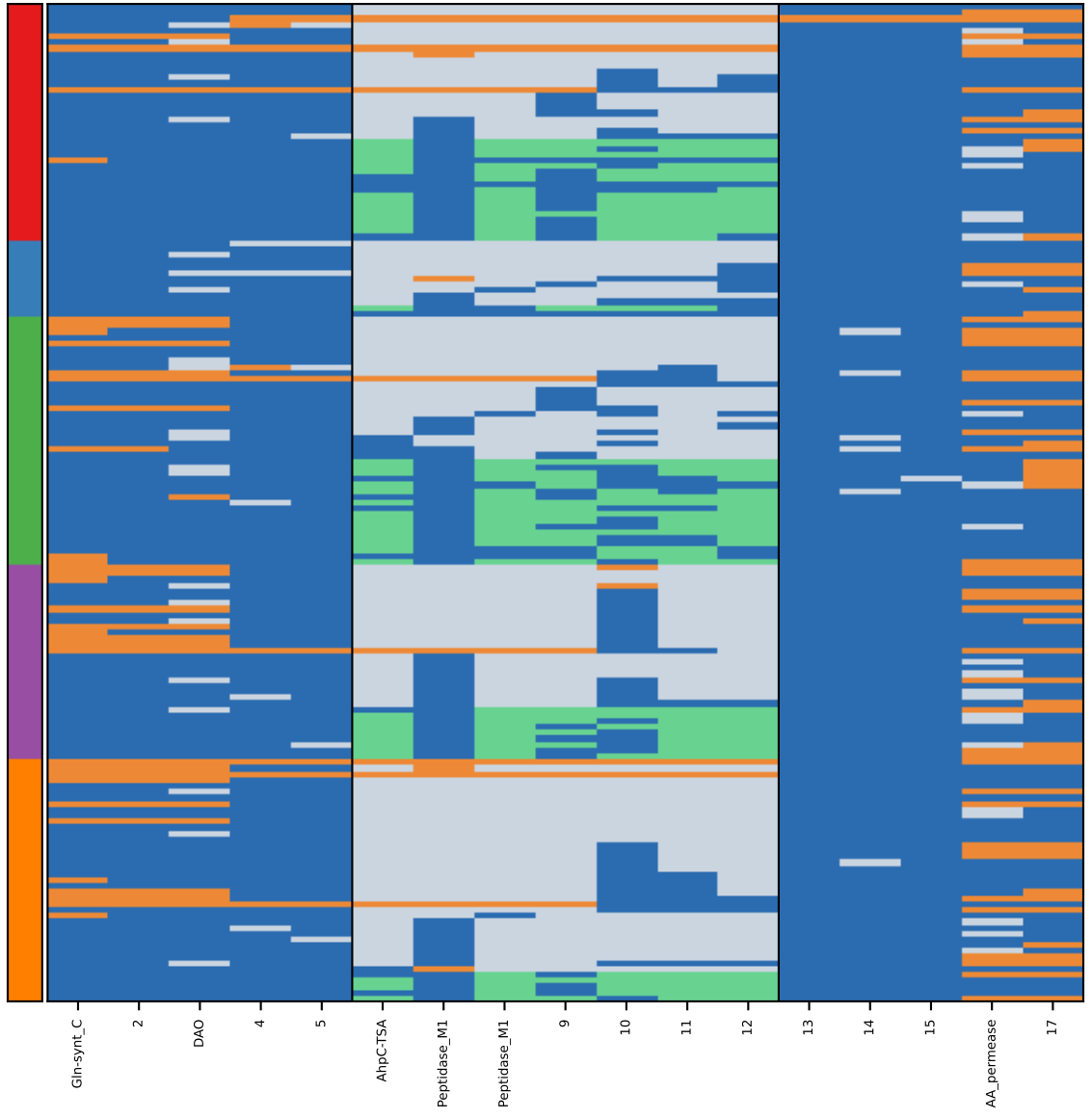
L119 7 genes content 38% of 169 strains type: unresolved



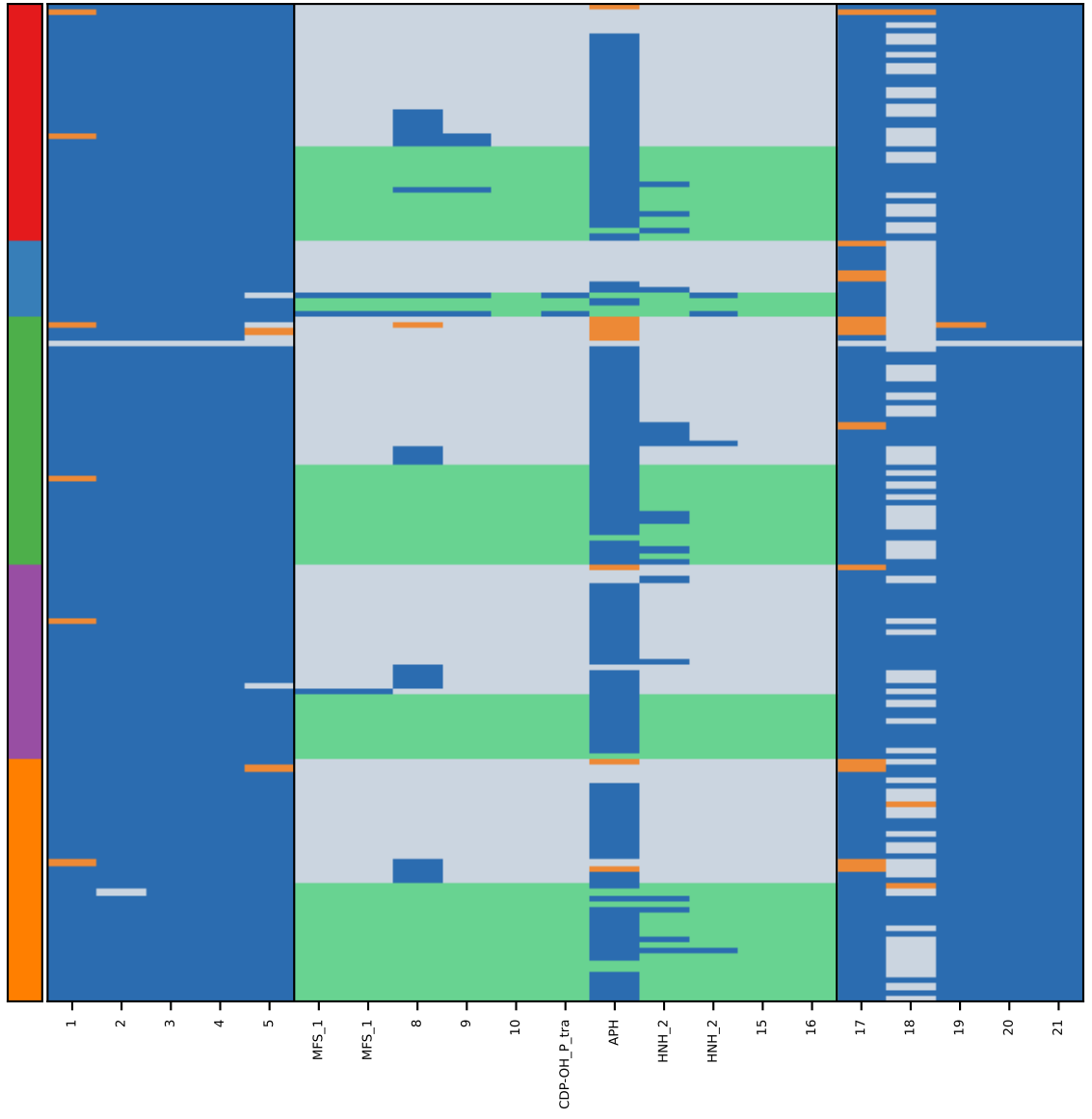
L120 7 genes content 37% of 169 strains type: unresolved



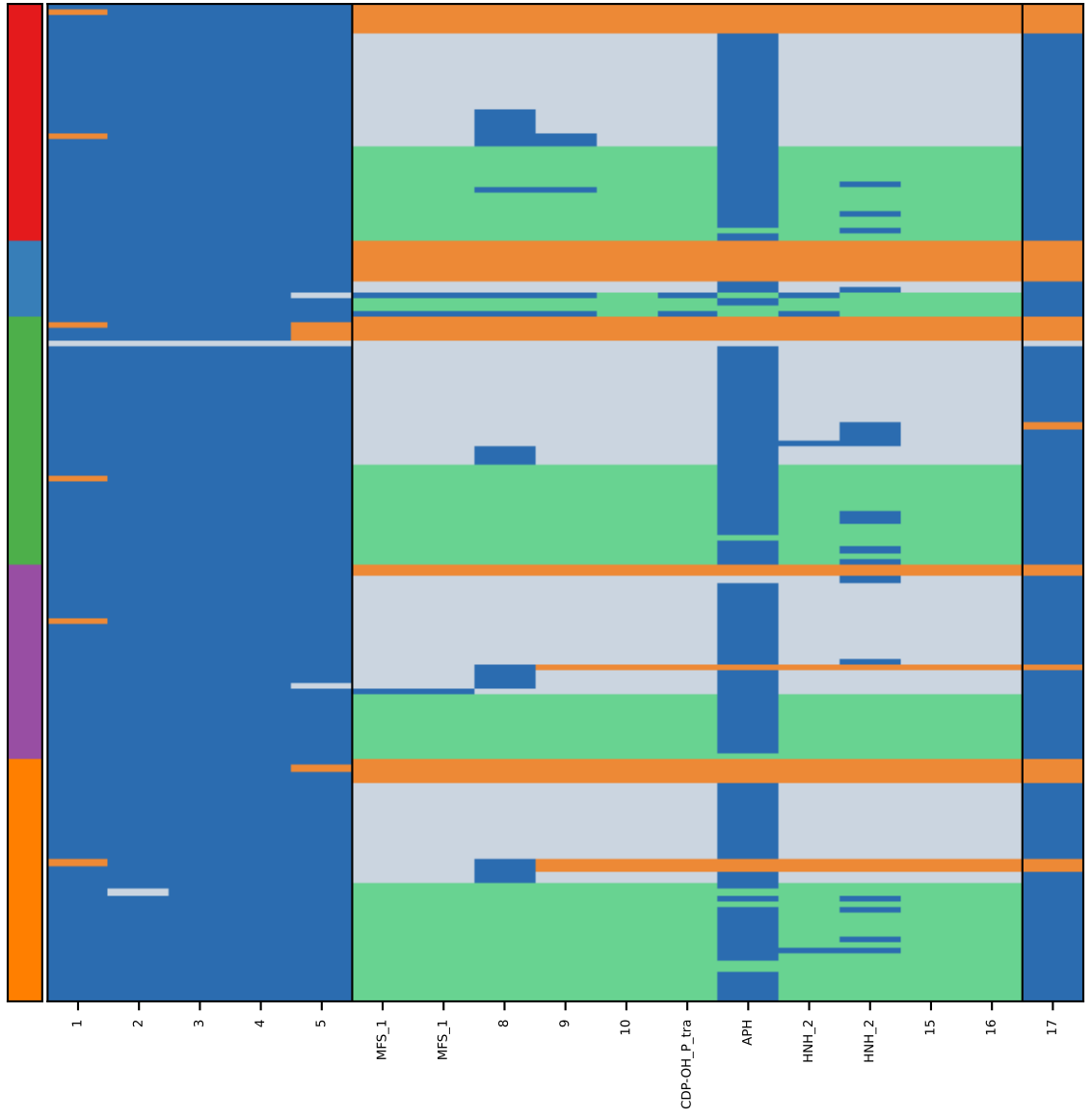
L121 7 genes content 33% of 169 strains type: unresolved



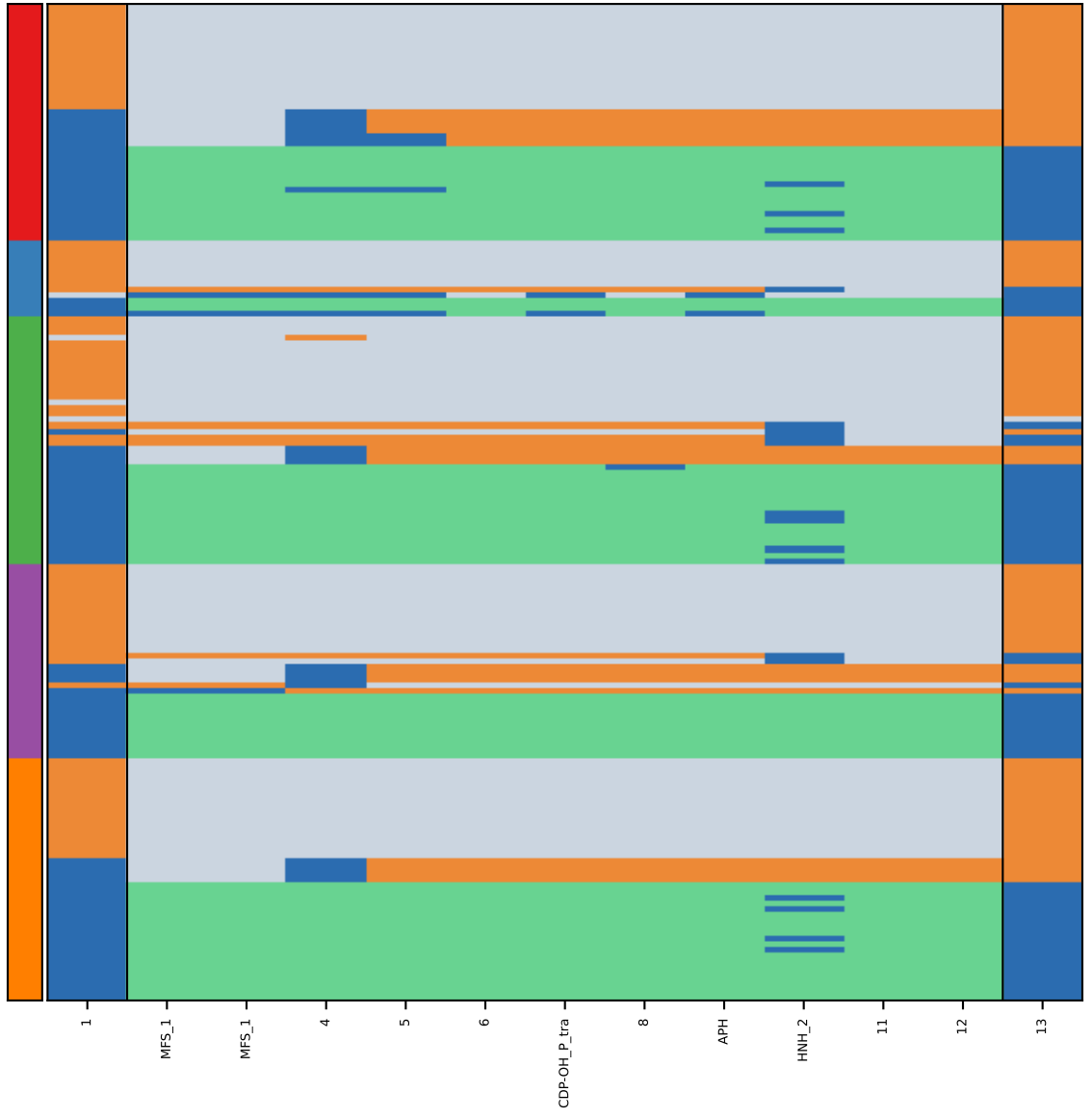
L122 11 genes content 40% of 169 strains type: unresolved



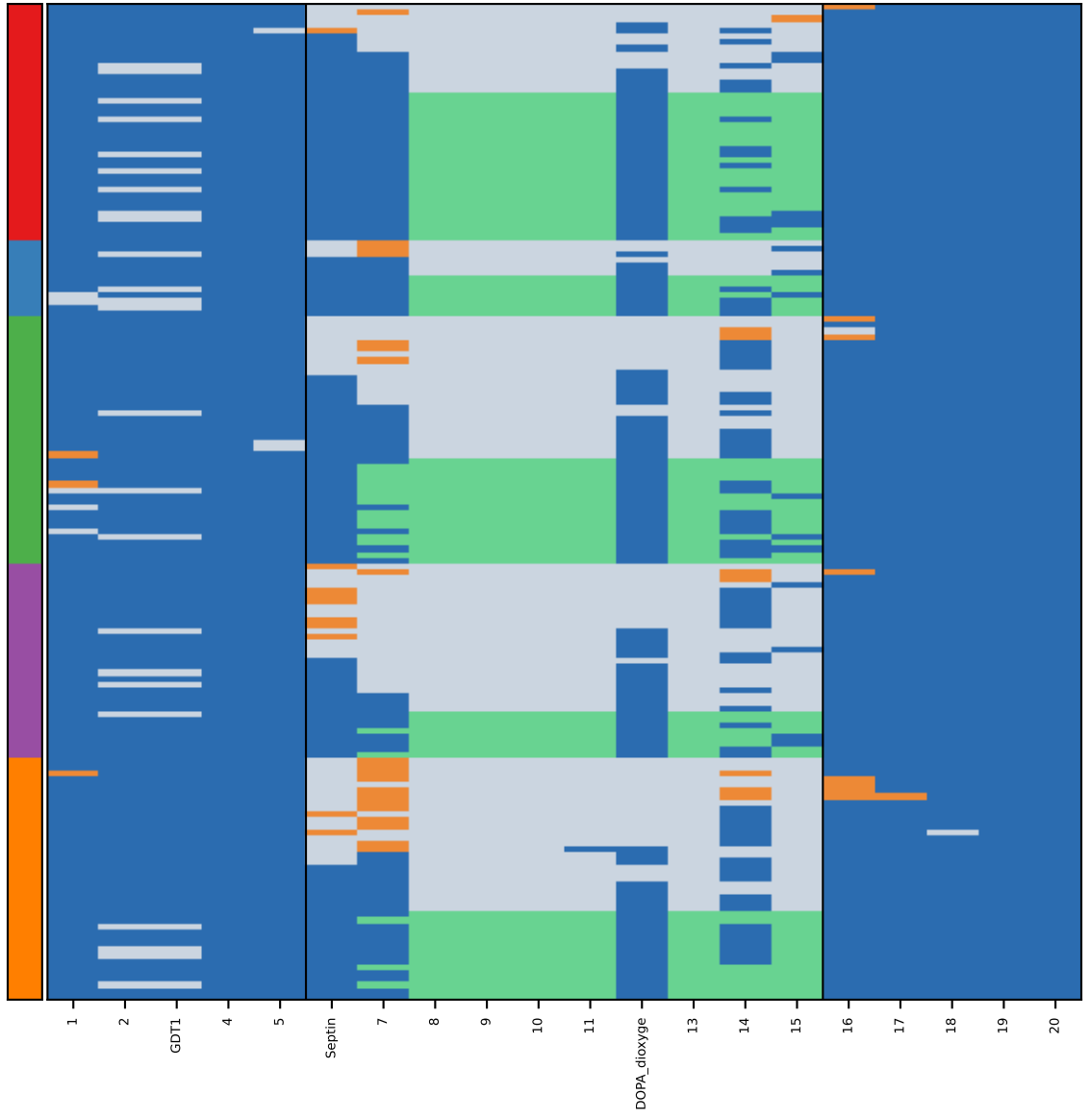
L123 11 genes content 40% of 169 strains type: unresolved



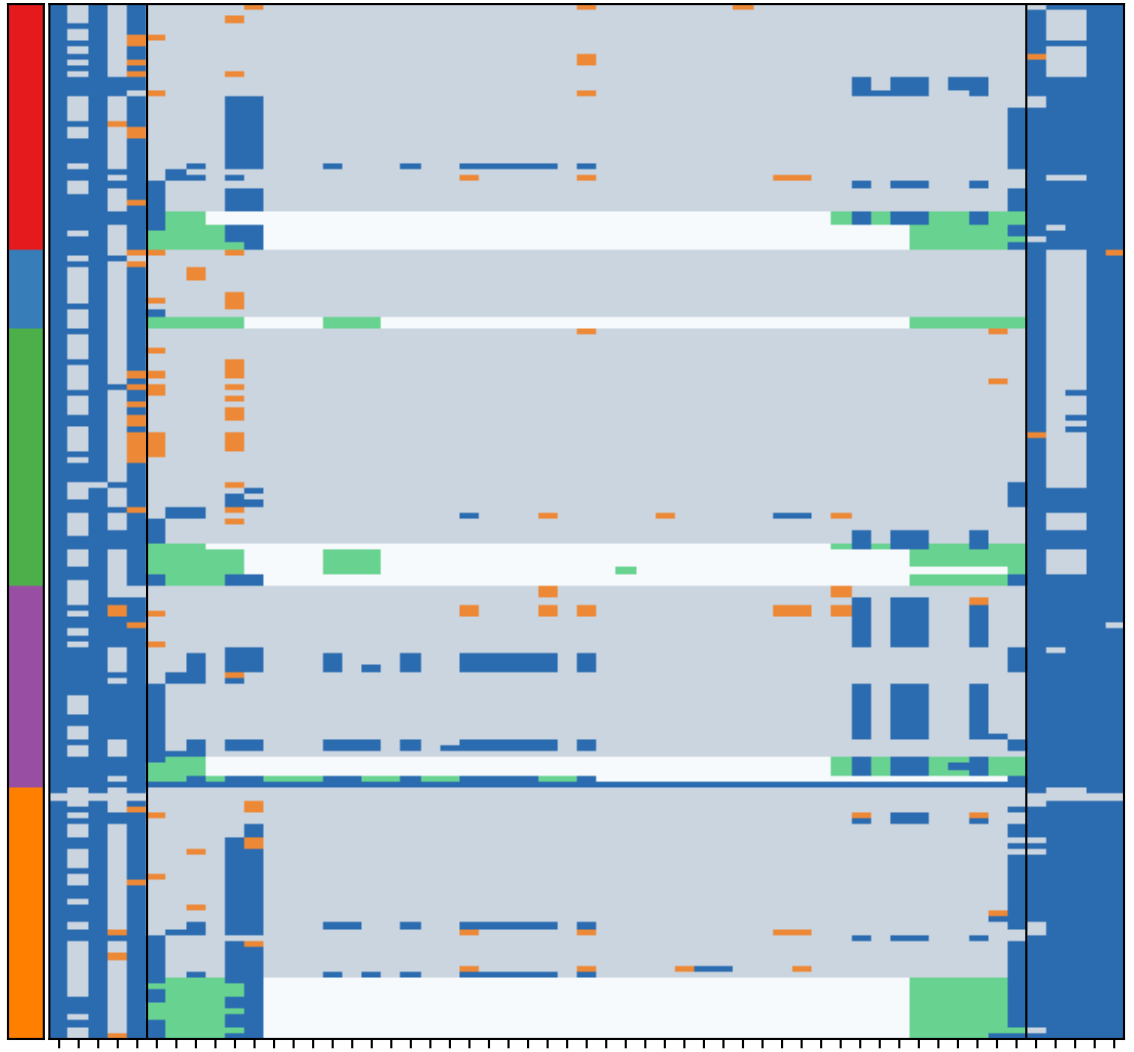
L124 11 genes content 40% of 169 strains type: unresolved



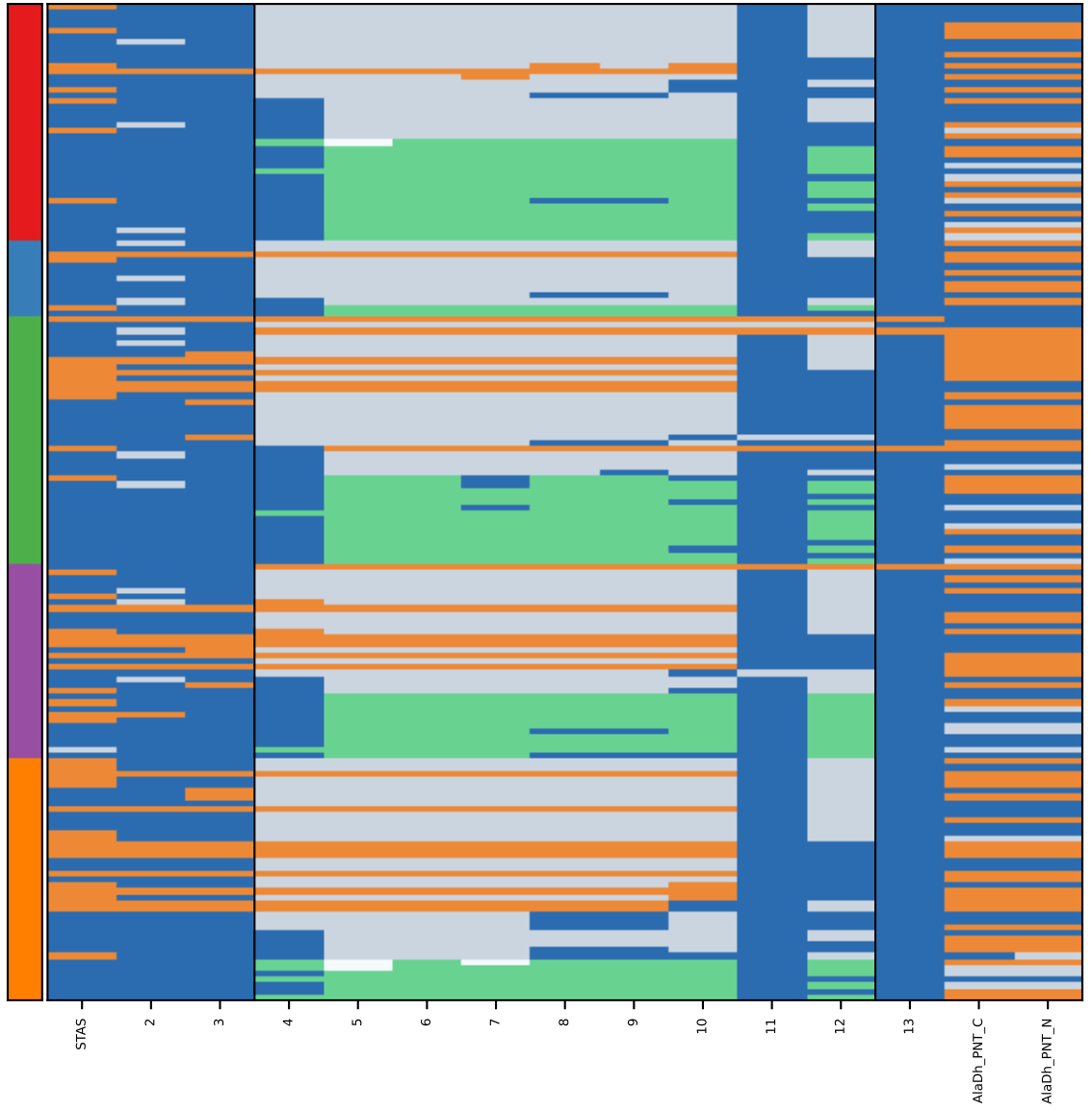
L125 10 genes content 43% of 169 strains type: unresolved



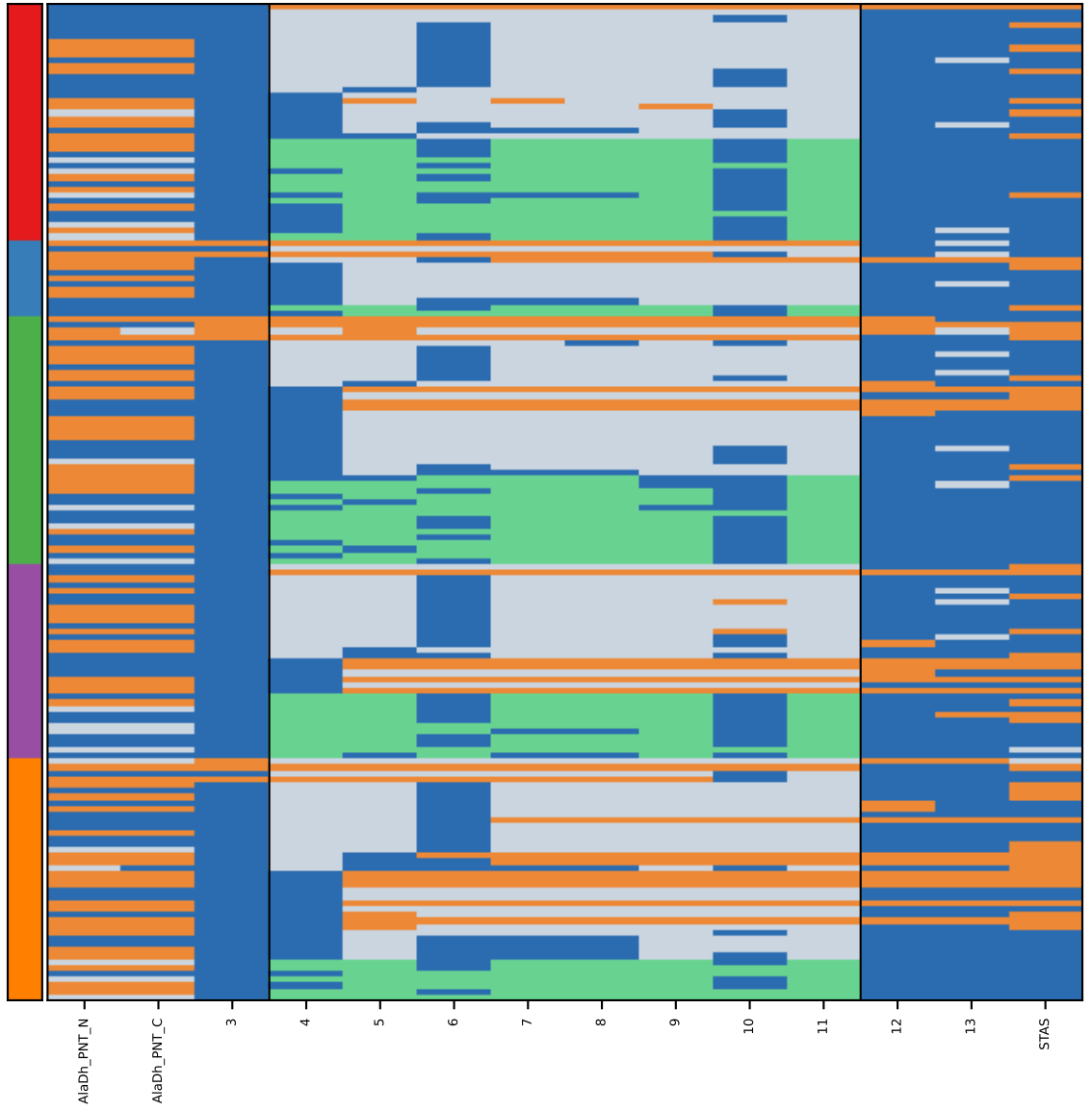
L126 45 genes content 1% of 169 strains type: unresolved



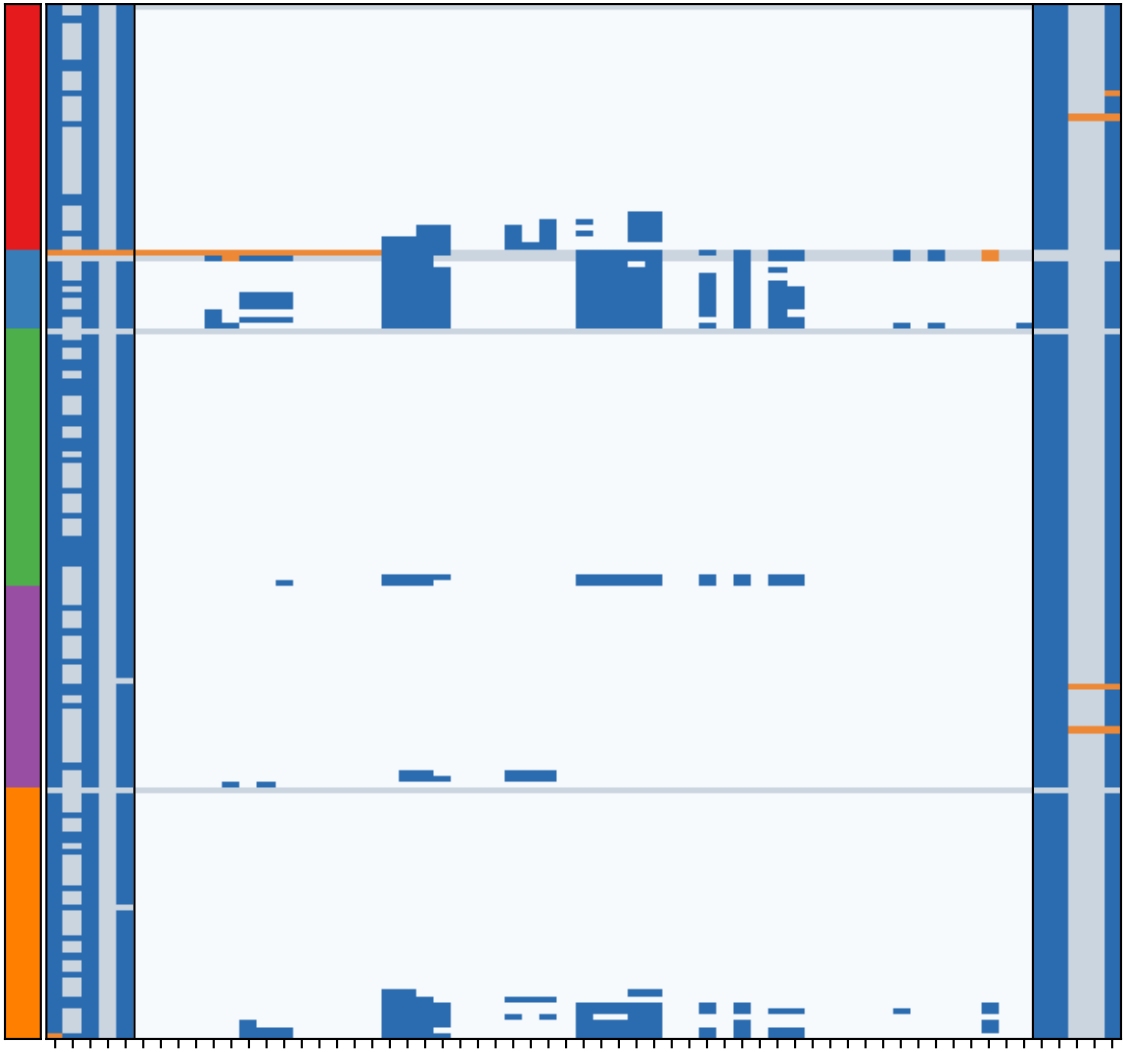
L127 8 genes content 32% of 169 strains type: unresolved



L128 8 genes content 36% of 169 strains type: unresolved

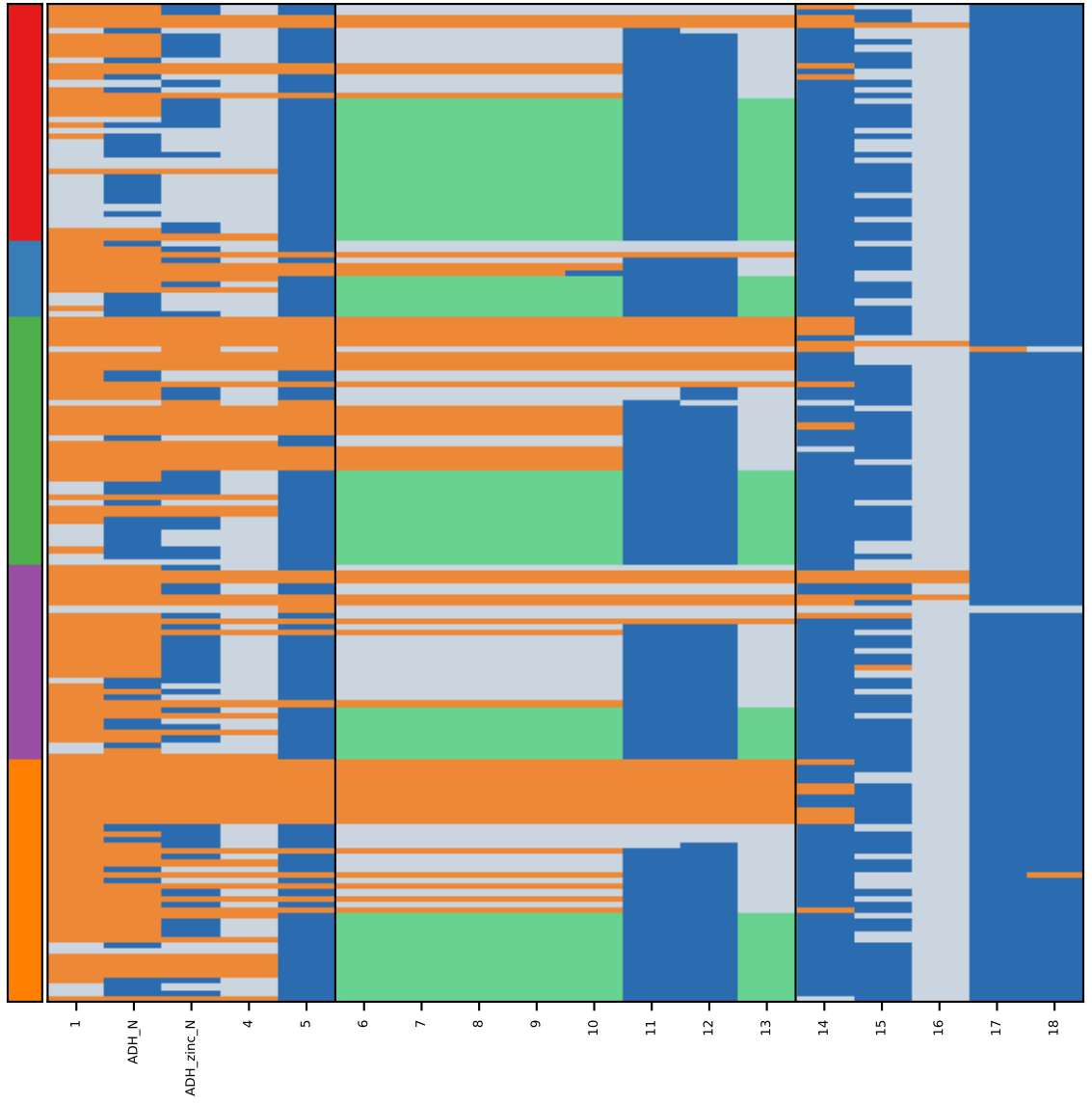


L129 51 genes content 0% of 169 strains type: content_variants



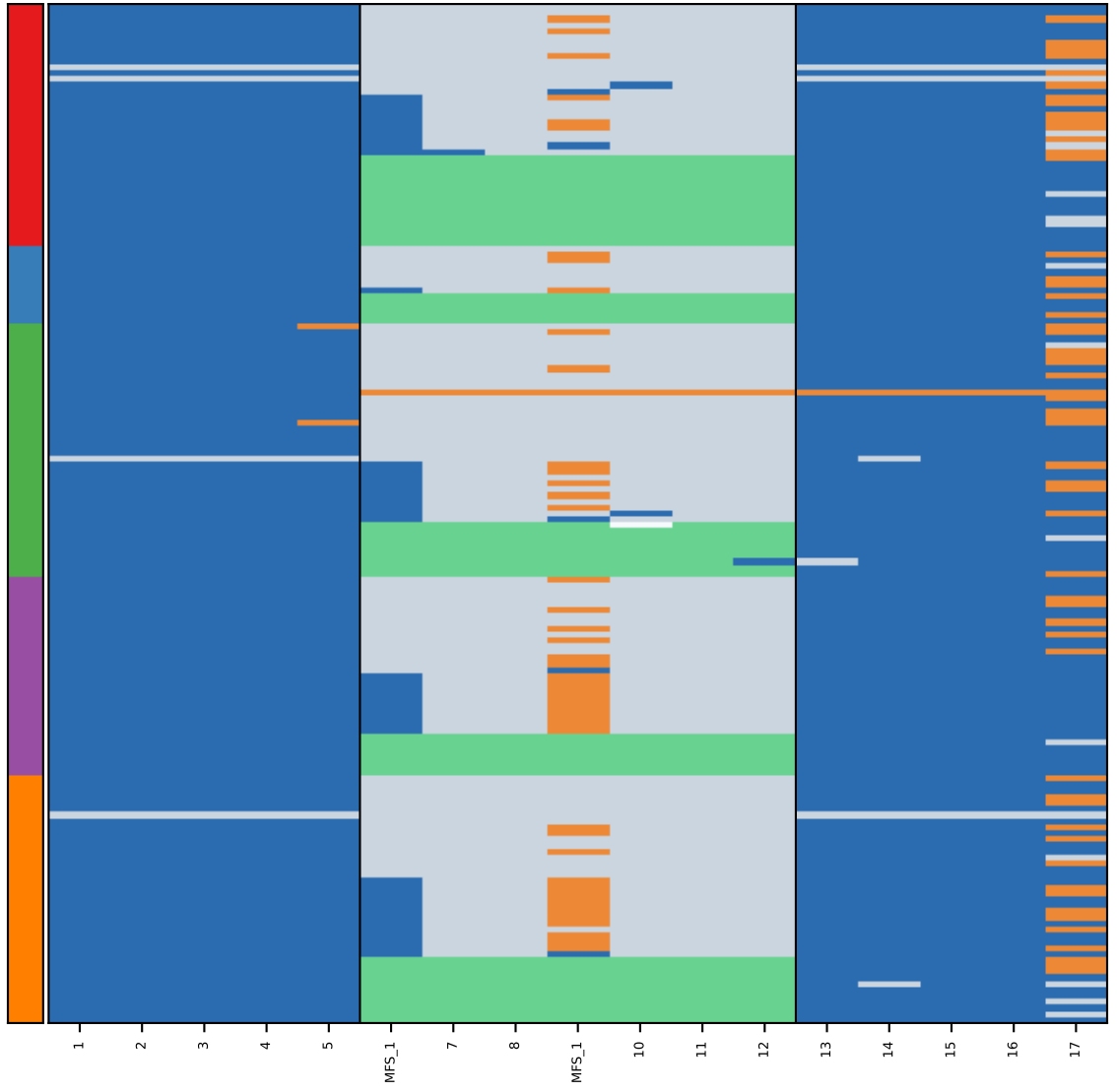
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L130 8 genes content 42% of 169 strains type: unresolved

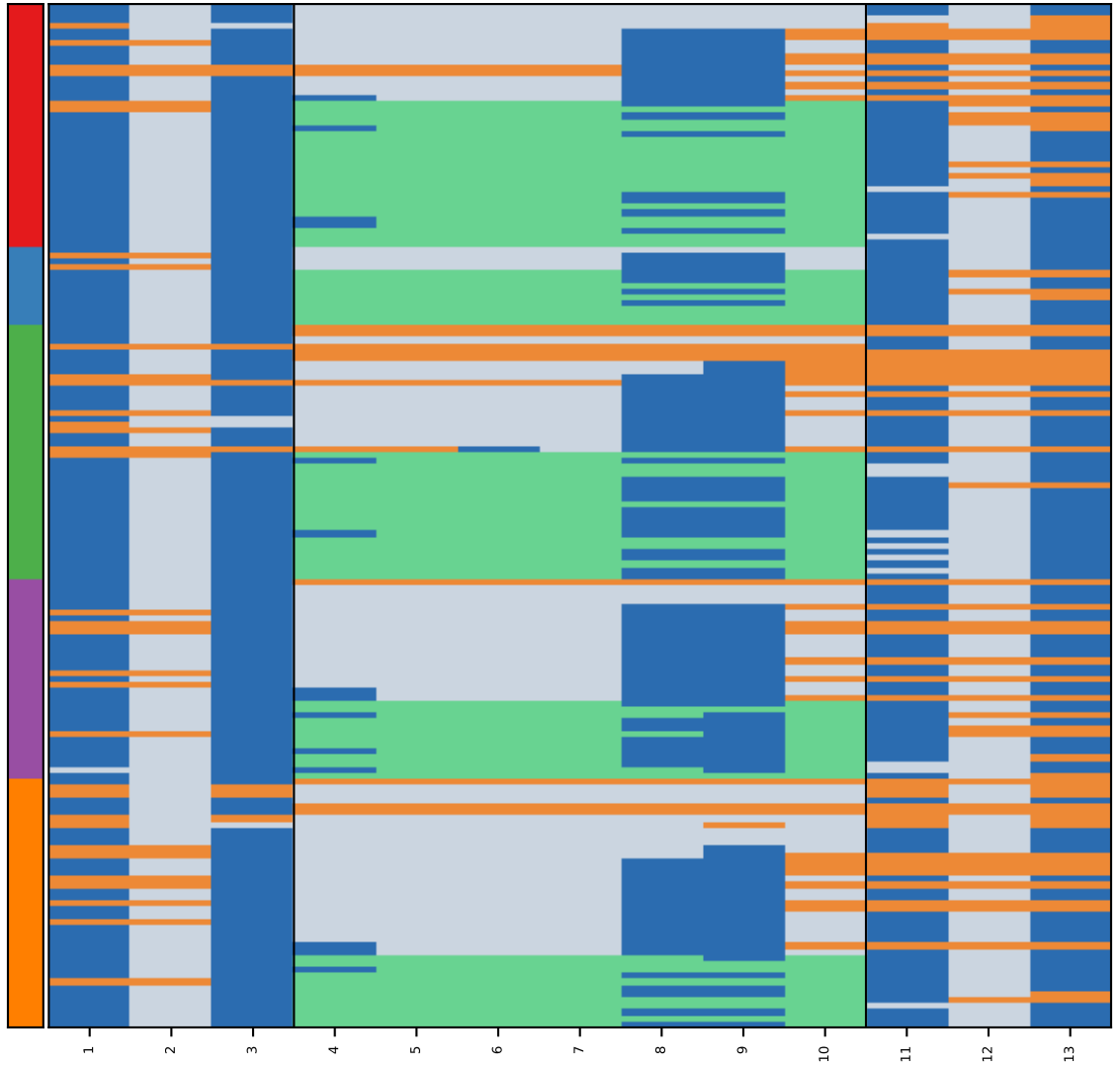


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

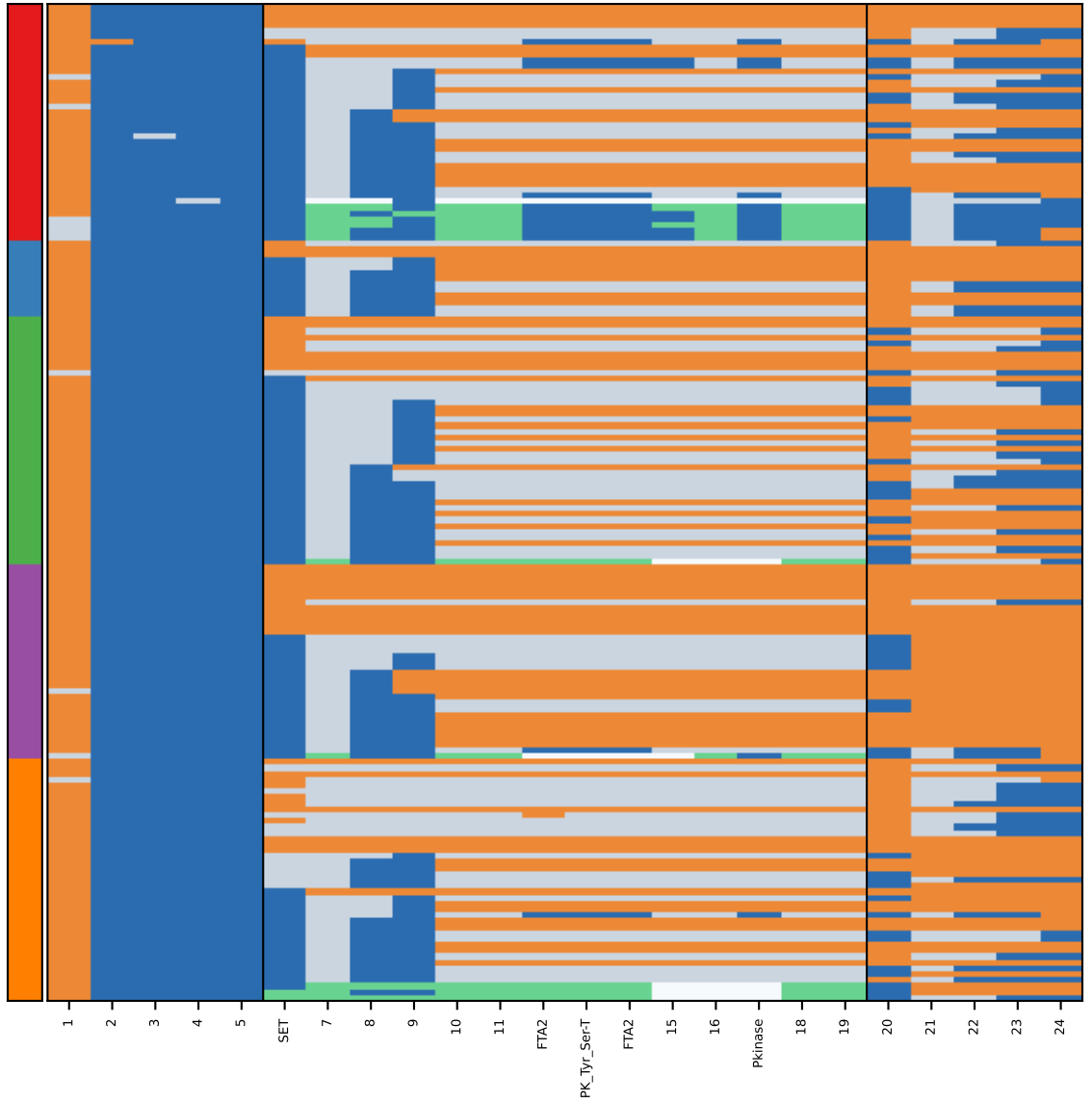
L131 7 genes content 28% of 169 strains type: unresolved



L132 7 genes content 47% of 169 strains type: unresolved

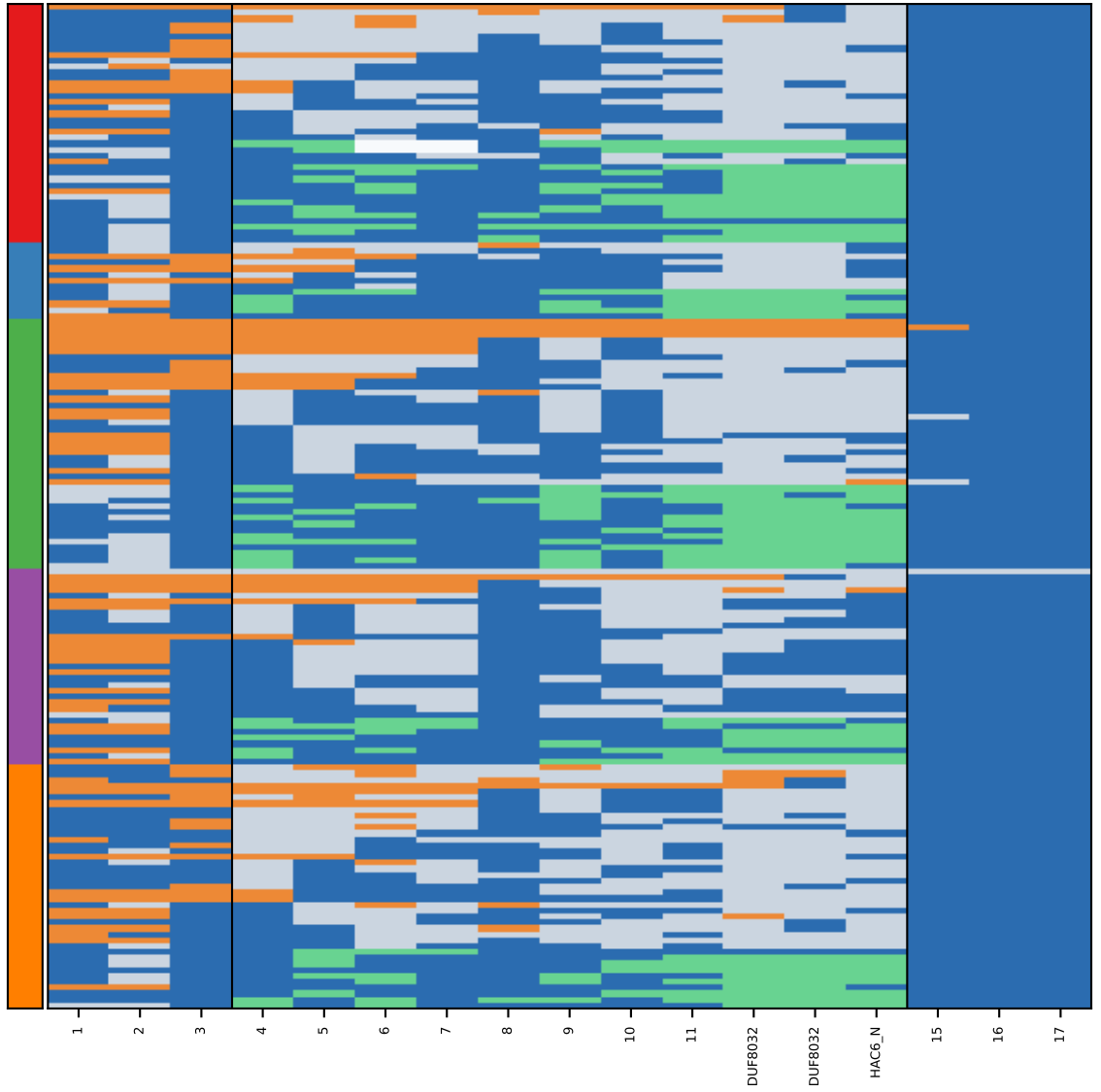


L133 14 genes content 7% of 169 strains type: unresolved

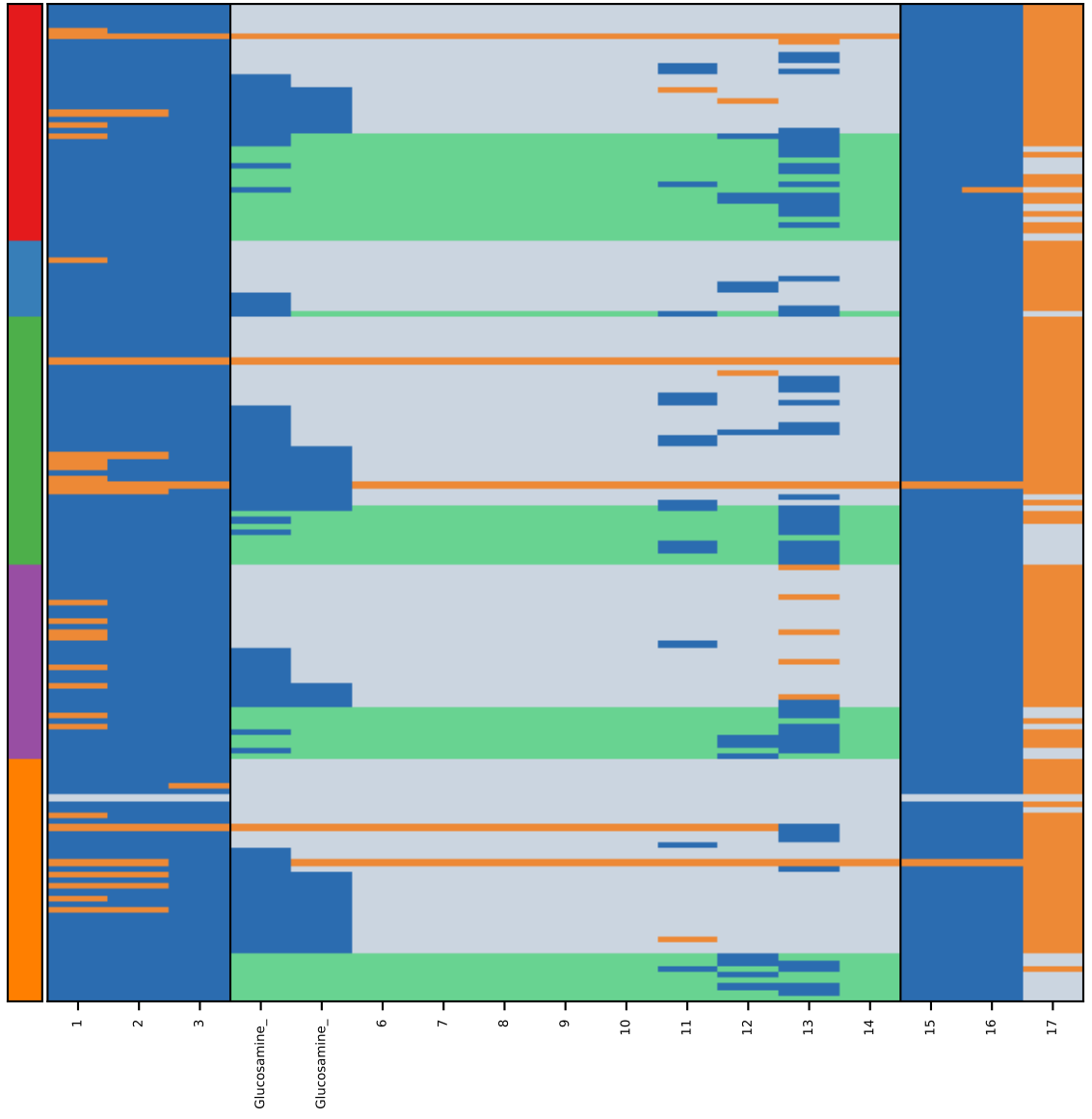


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

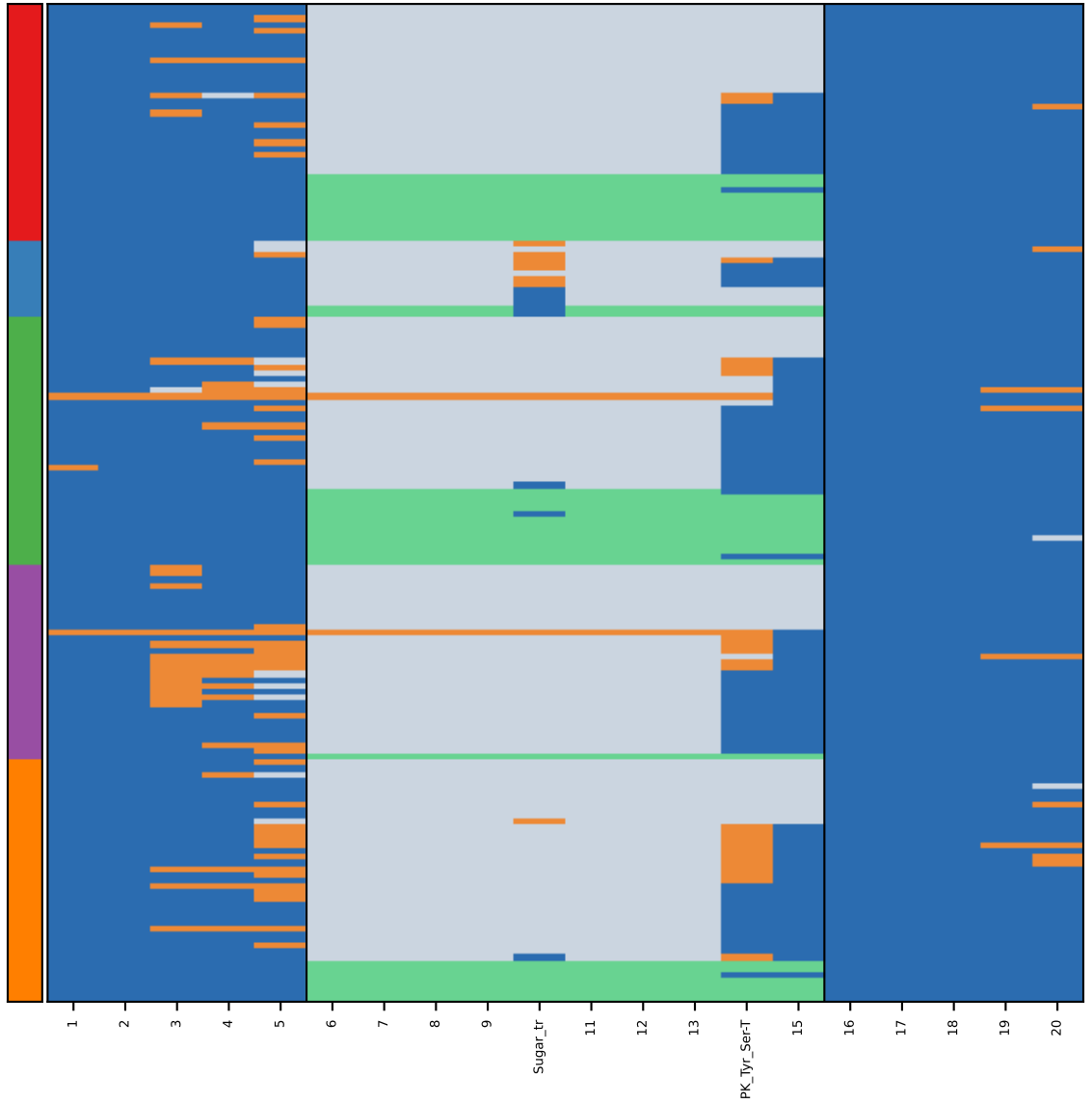
L134 11 genes content 50% of 169 strains type: content_variants



L135 11 genes content 27% of 169 strains type: unresolved

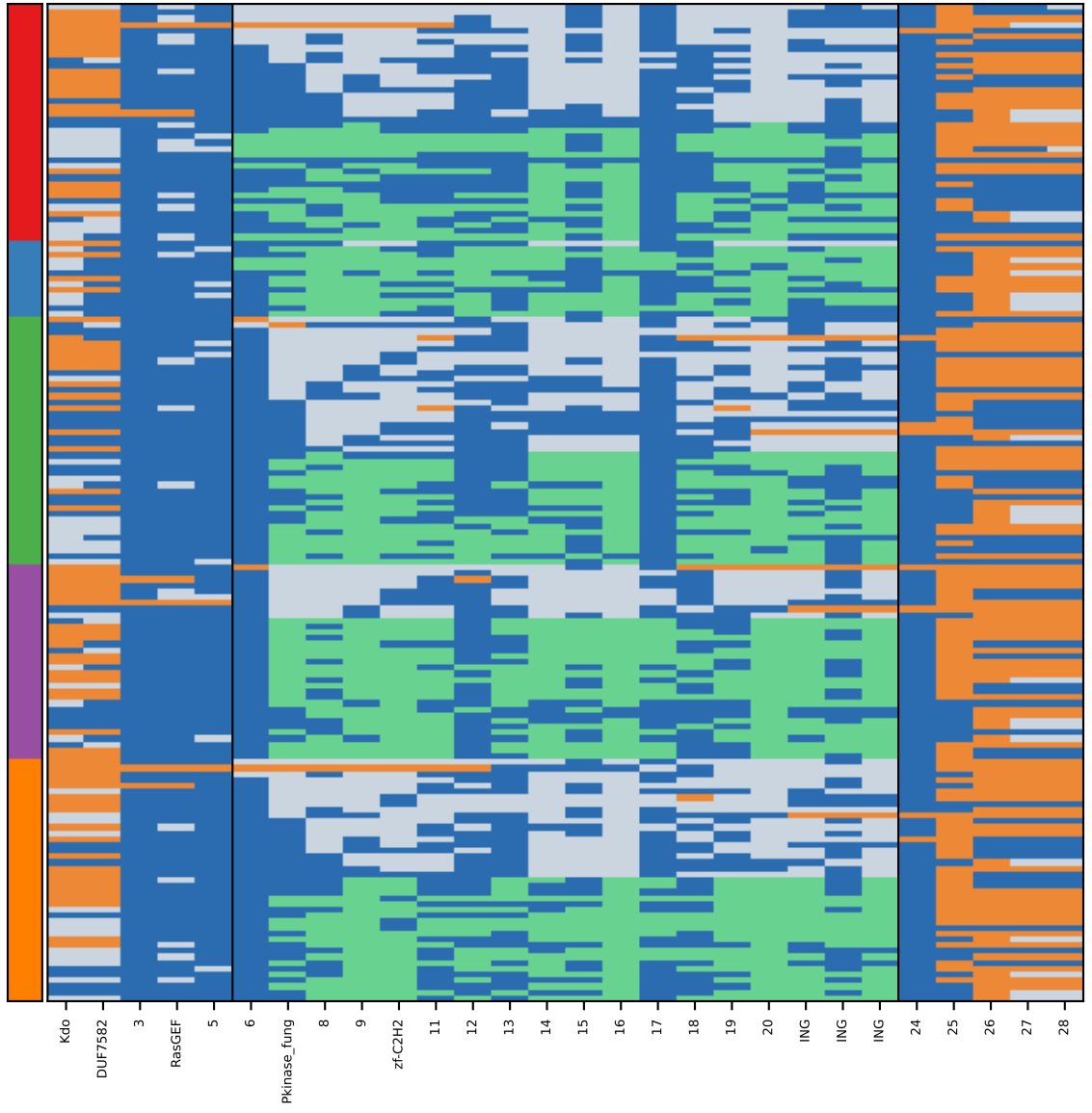


L136 10 genes content 20% of 169 strains type: unresolved

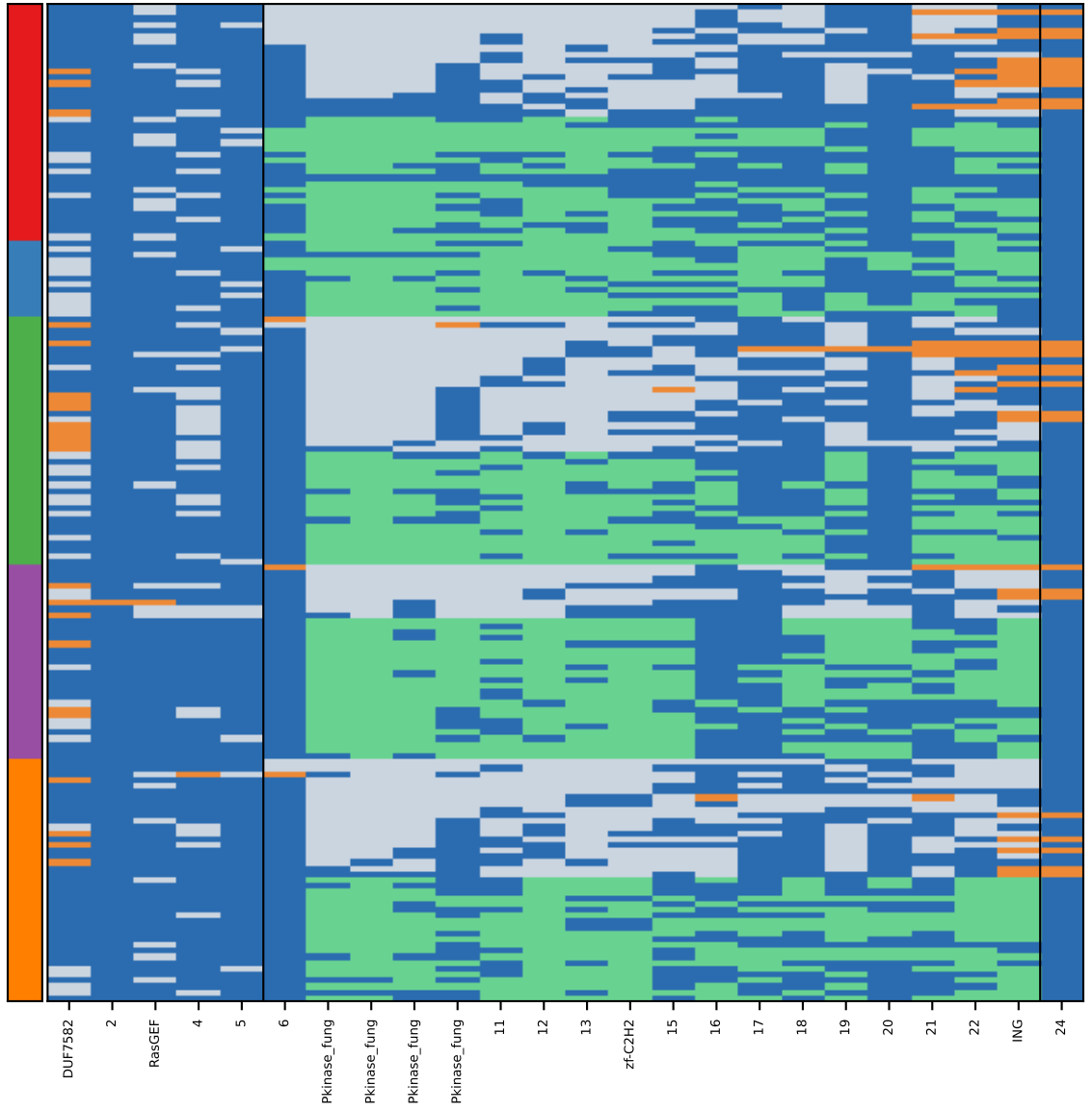


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

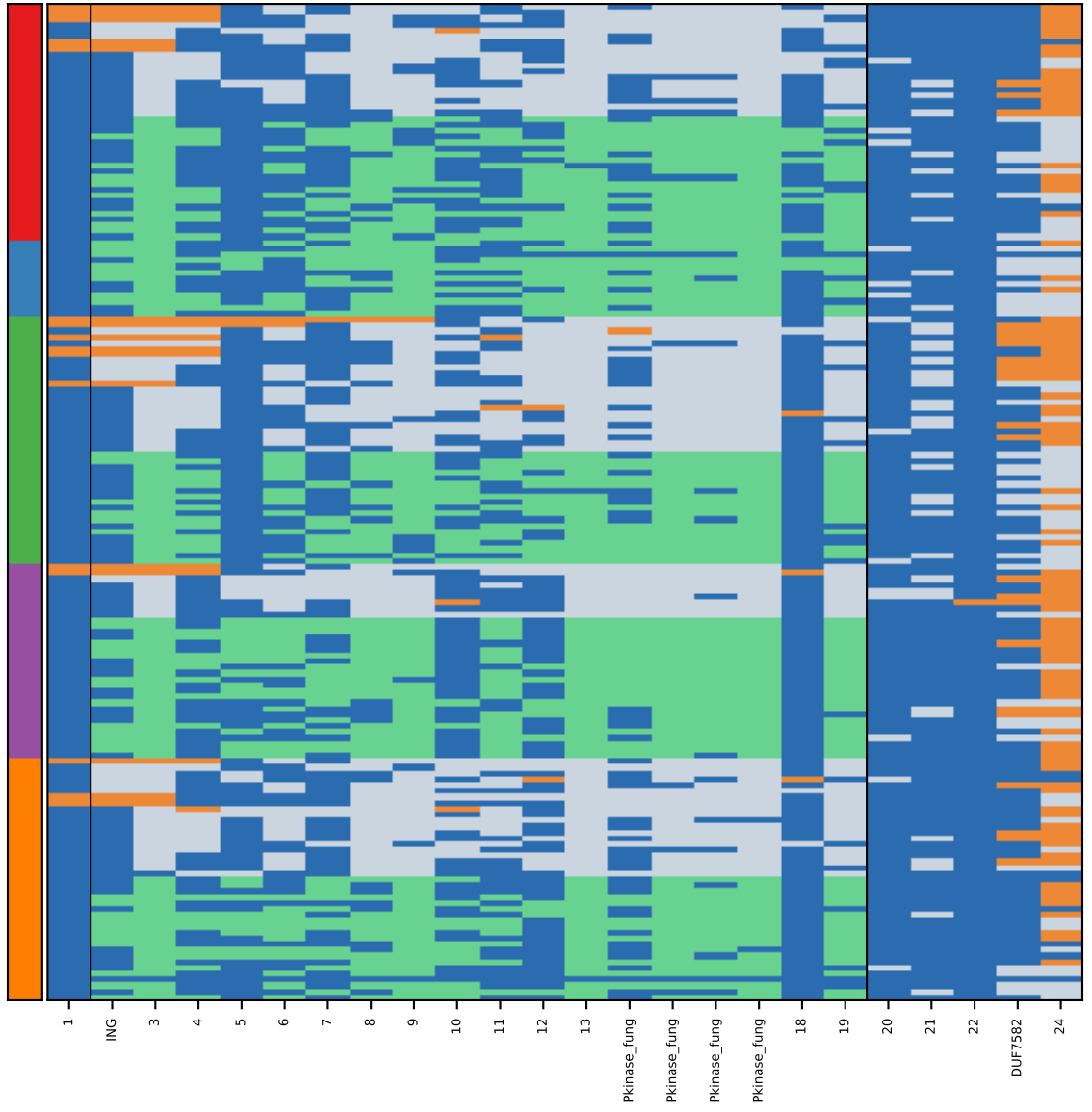
L137 18 genes content 72% of 169 strains type: content_variants



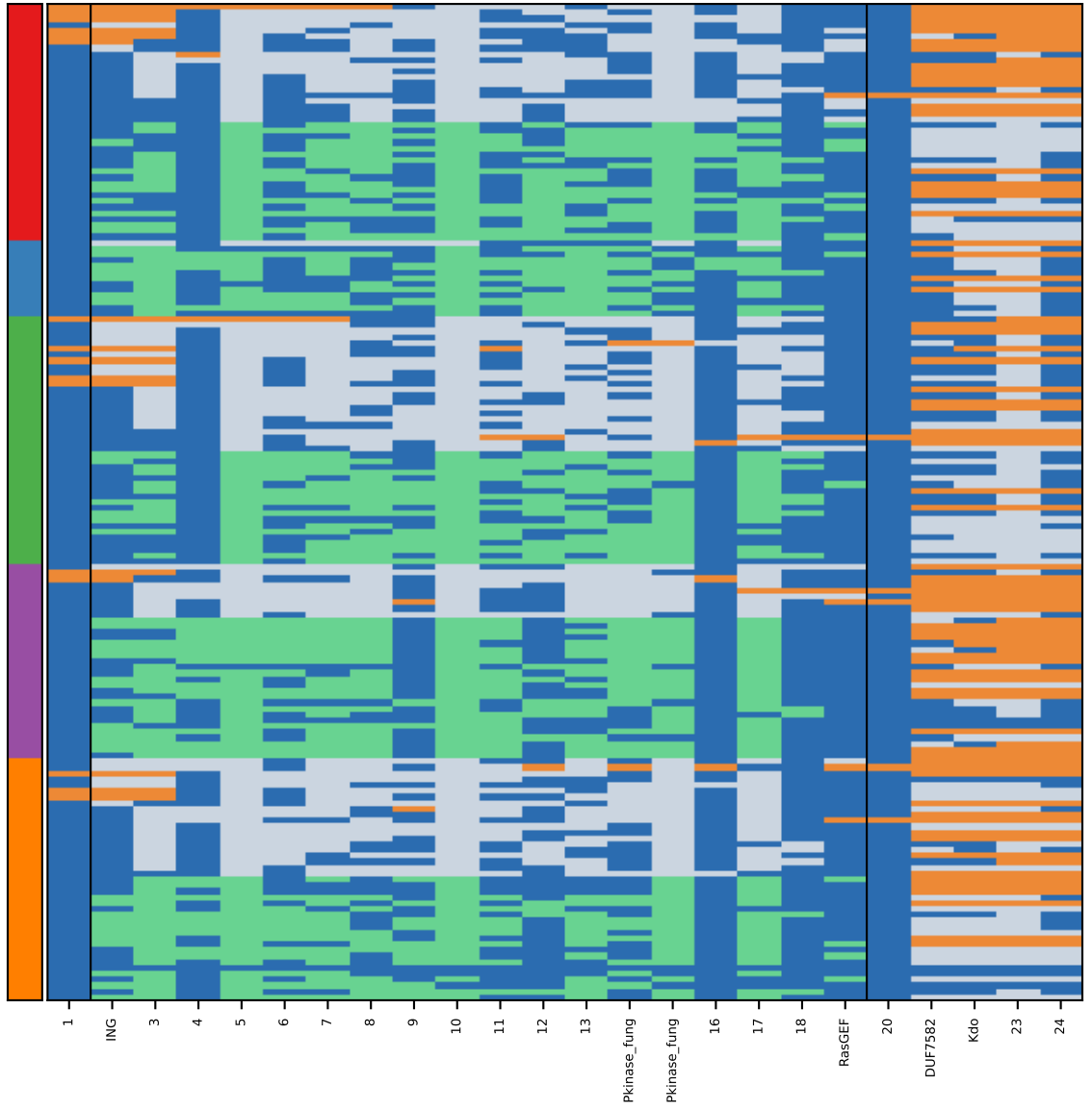
L138 18 genes content 72% of 169 strains type: content_variants



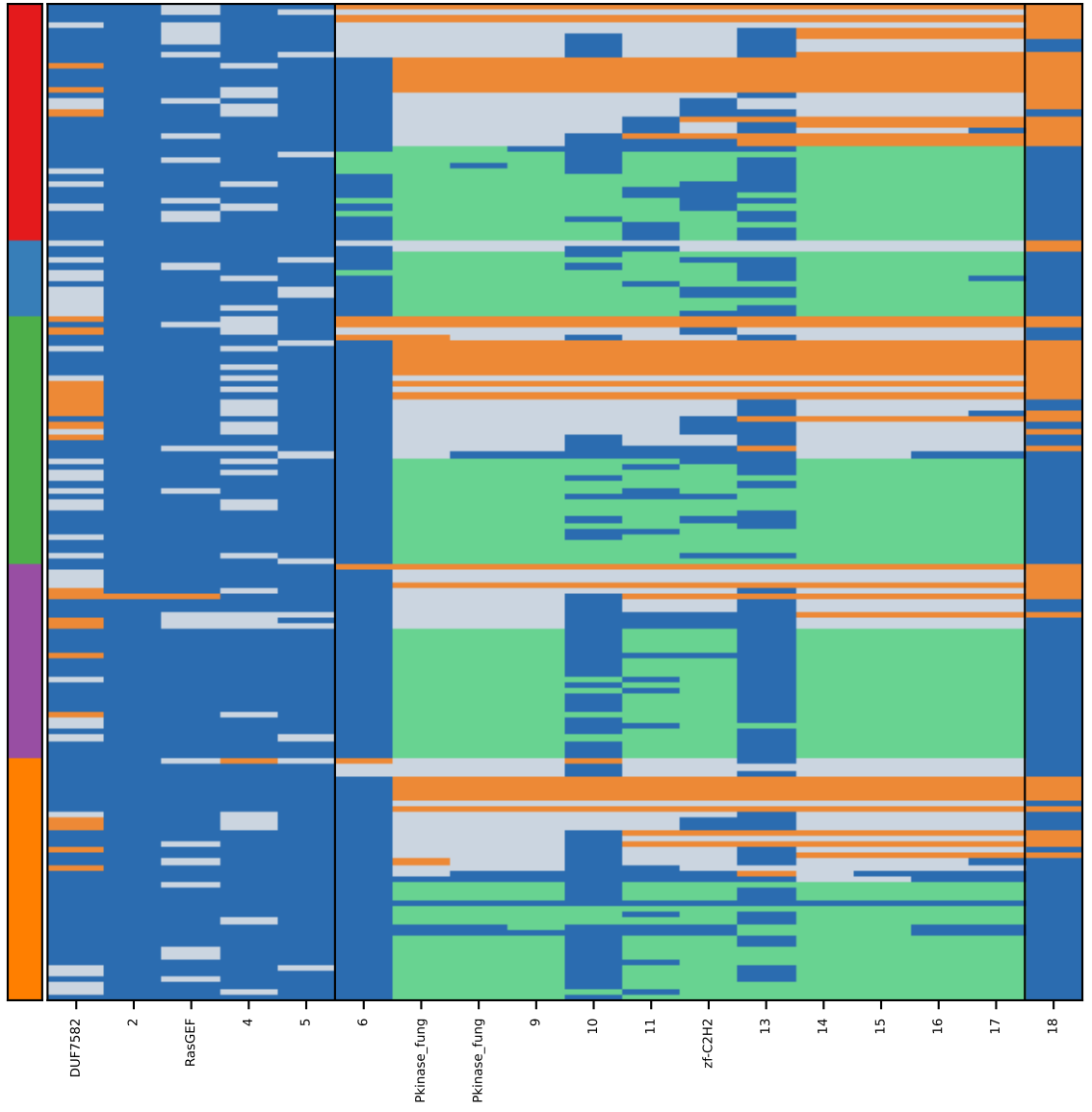
L139 18 genes content 62% of 169 strains type: content_variants



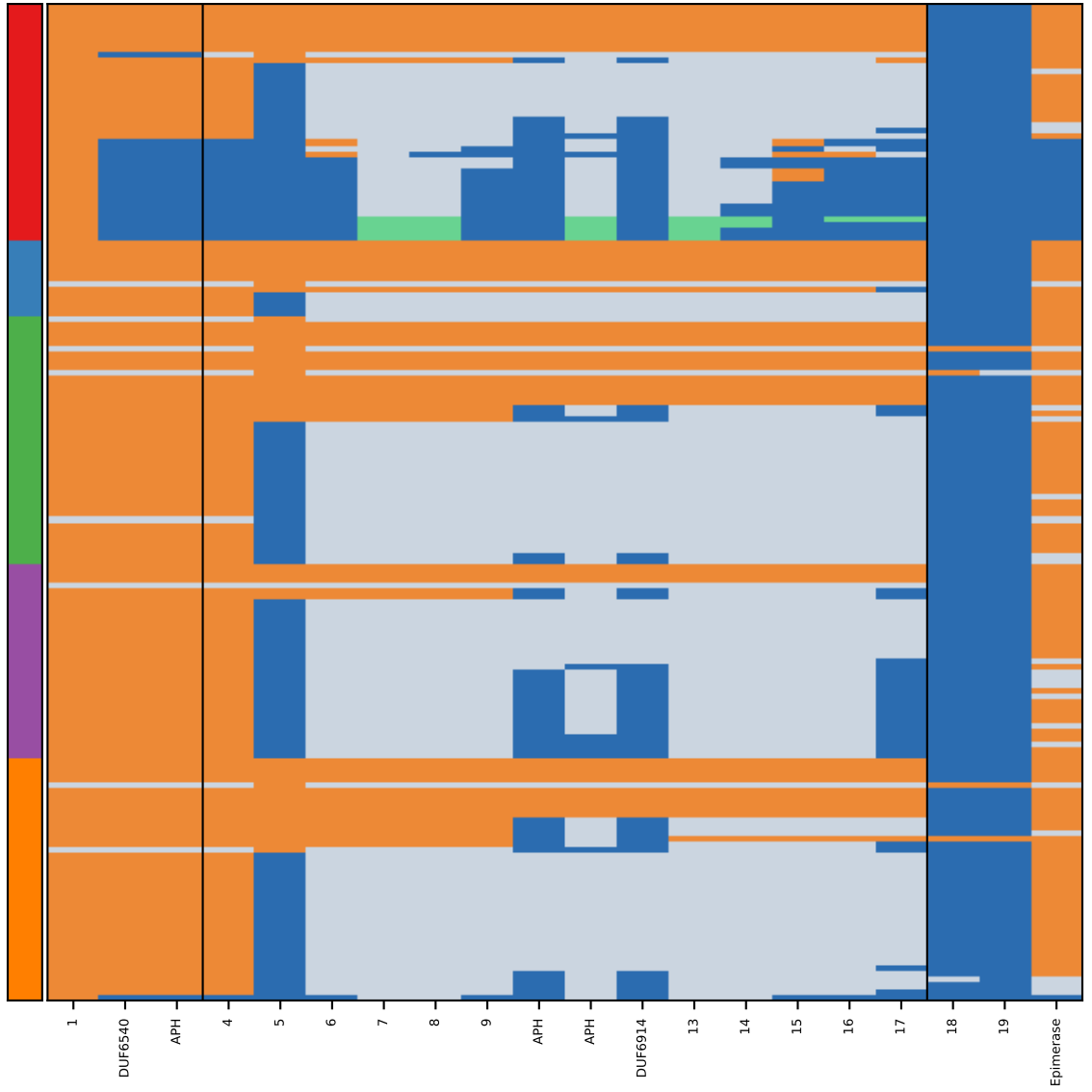
L140 18 genes content 66% of 169 strains type: content_variants



L141 12 genes content 53% of 169 strains type: content_variants

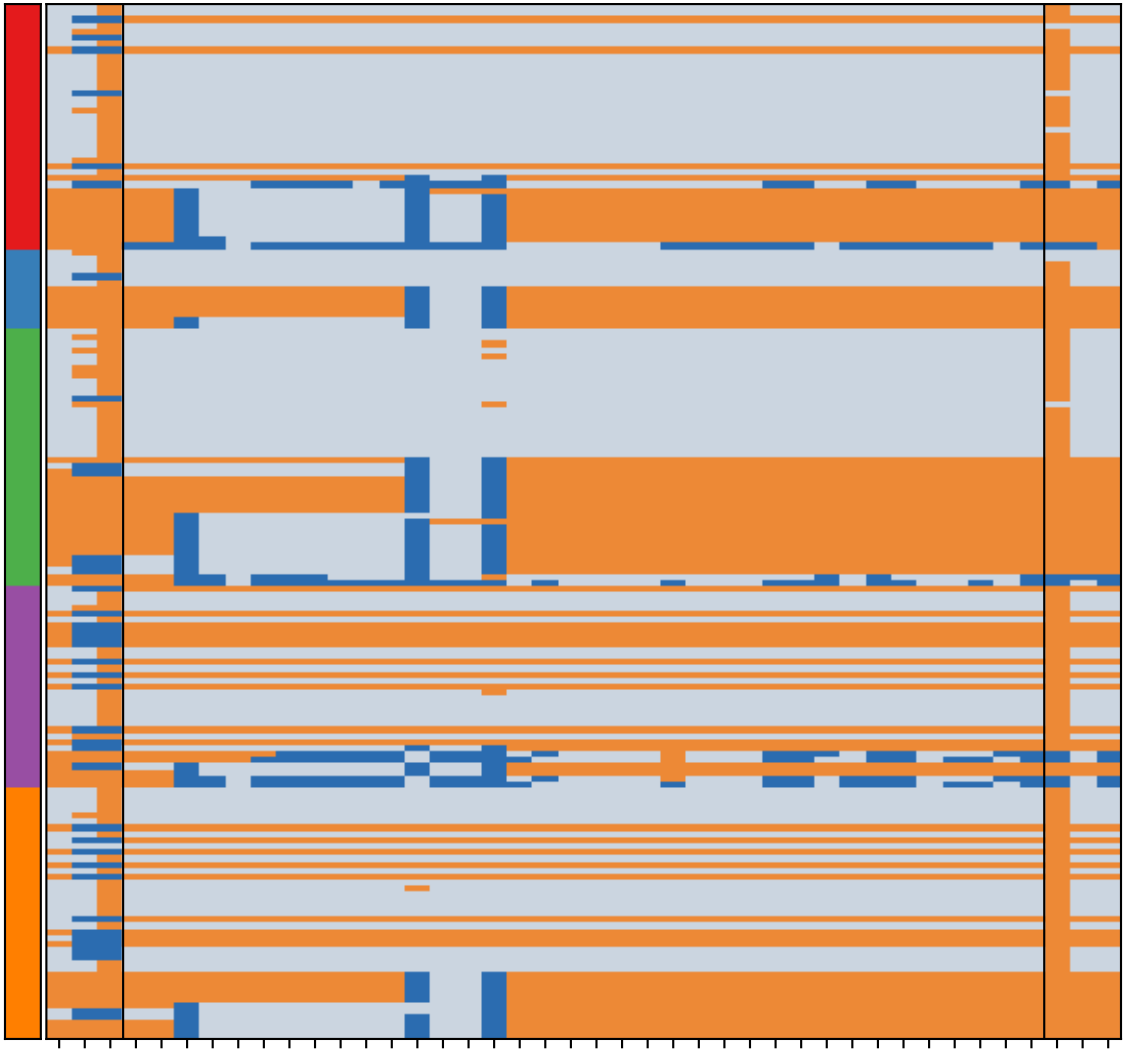


L142 13 genes content 10% of 169 strains type: unresolved



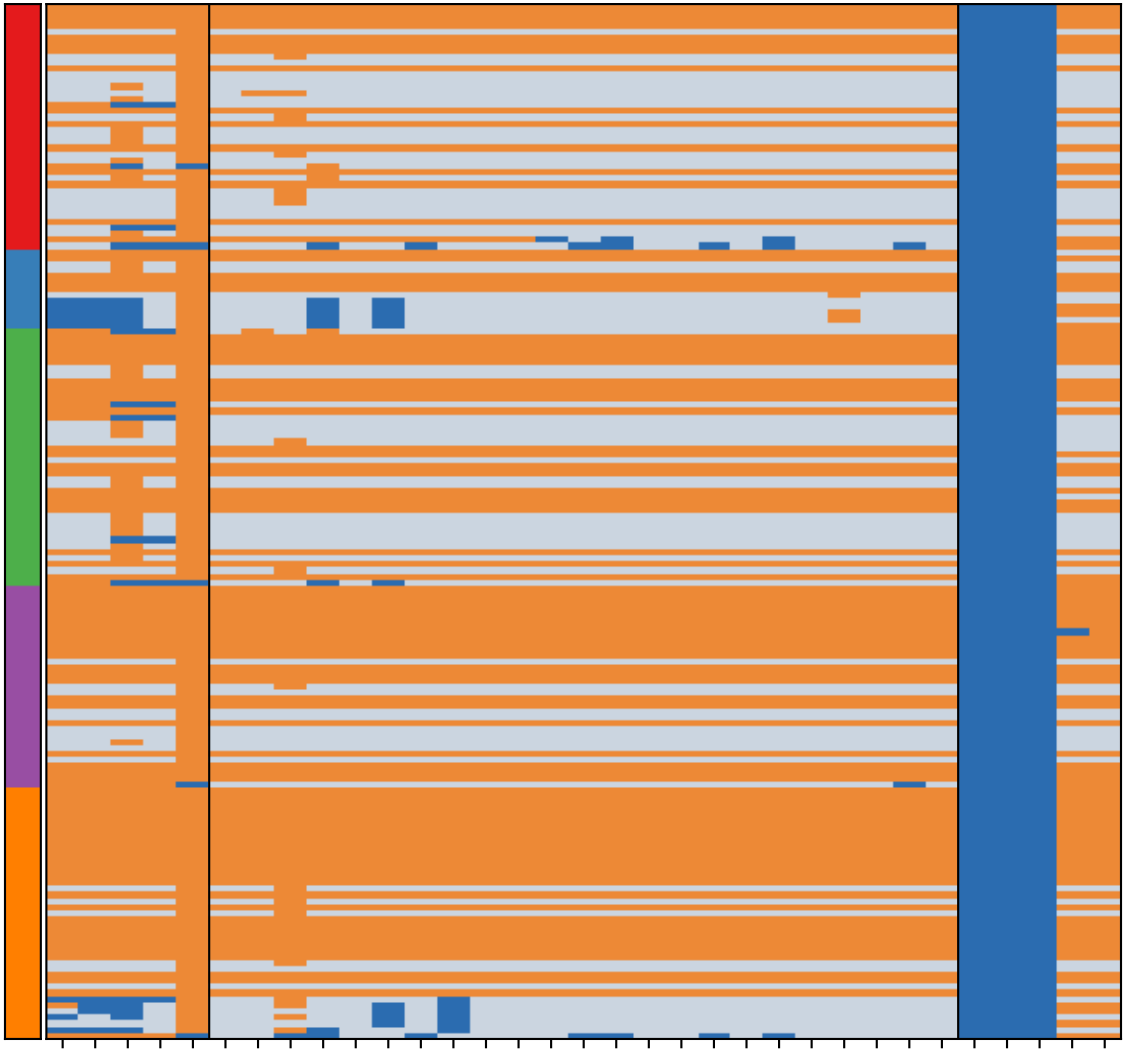
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L143 36 genes content 2% of 169 strains type: unresolved



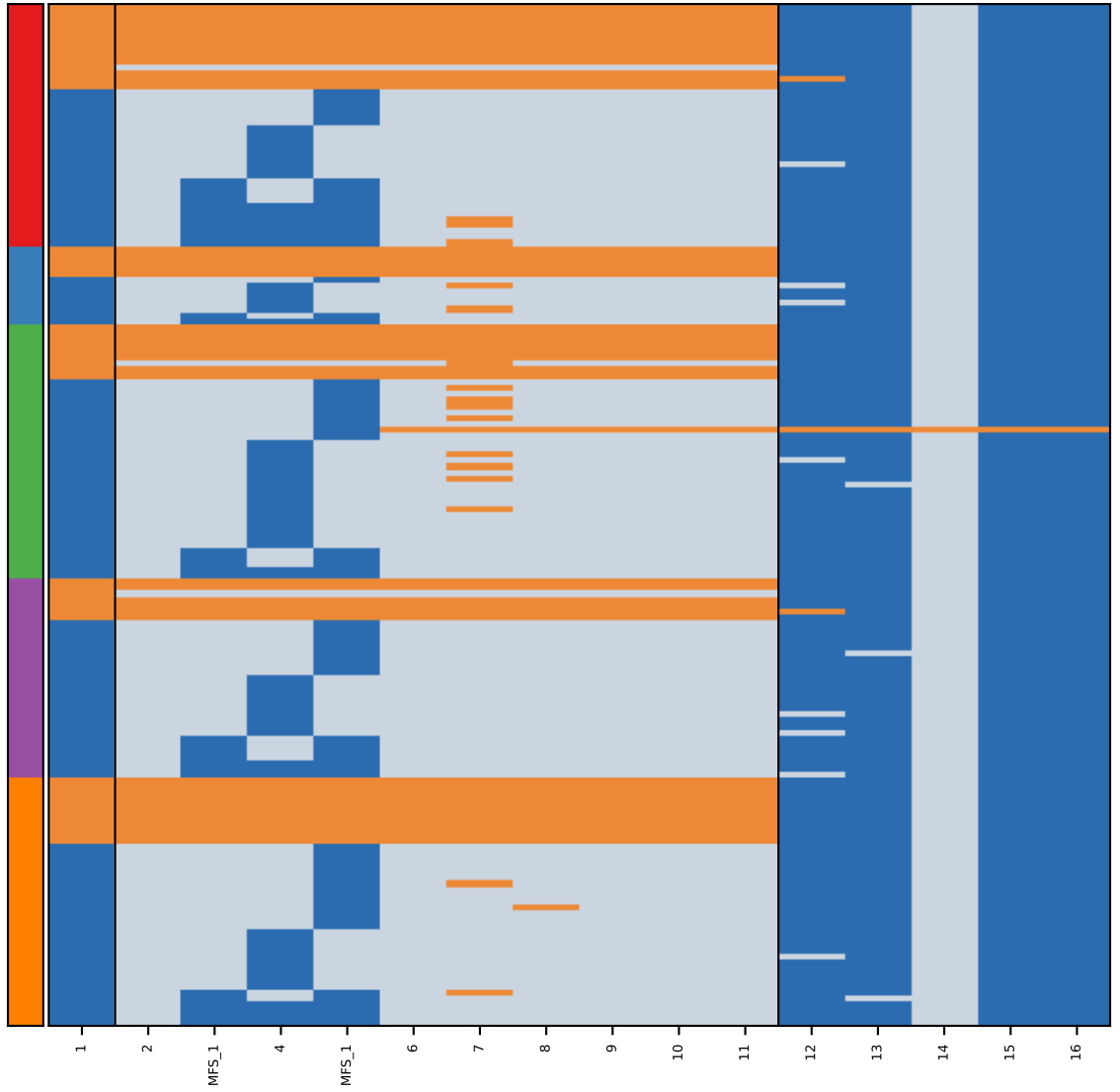
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L144 23 genes content 0% of 169 strains type: unresolved



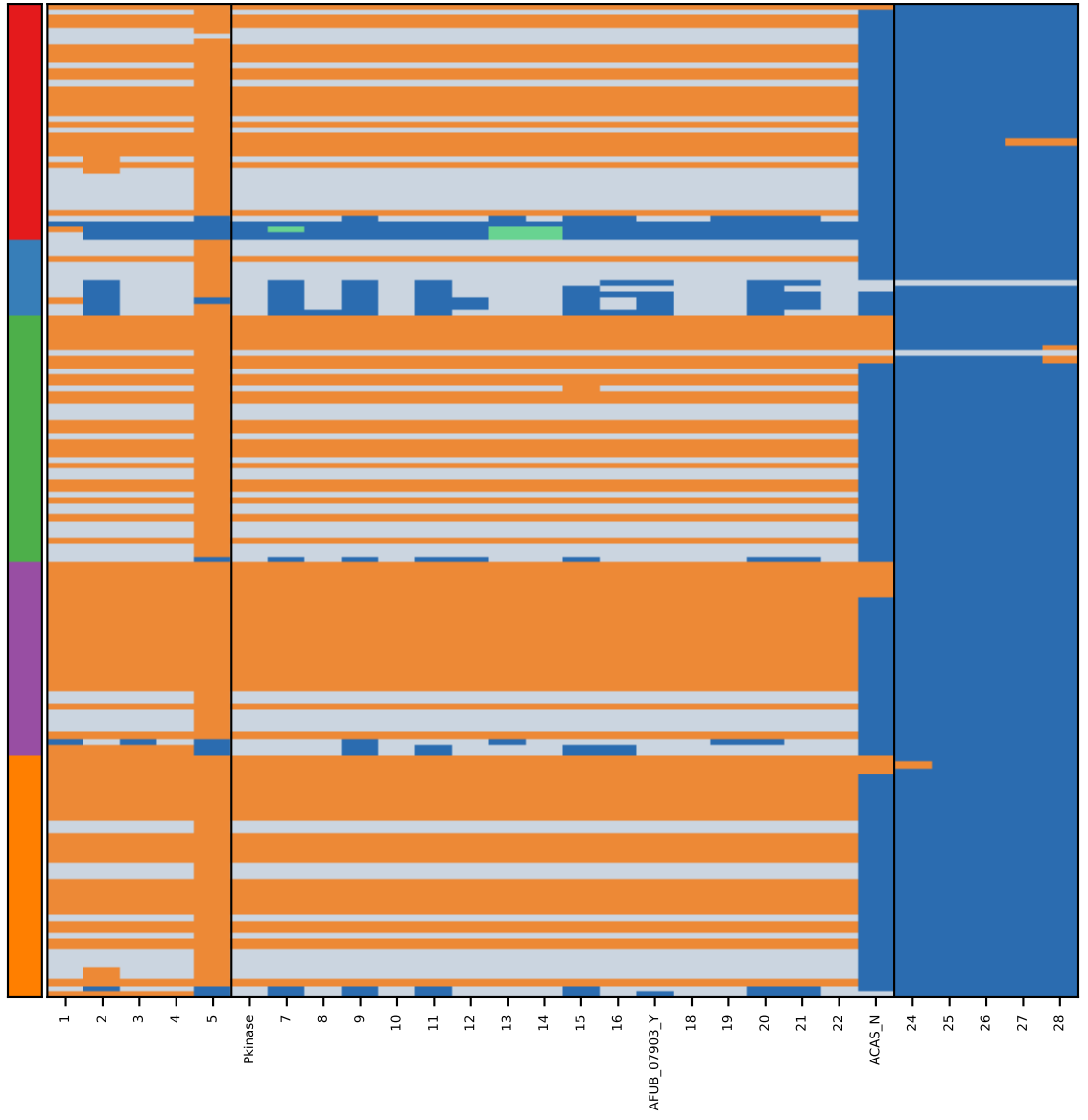
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L145 10 genes content 0% of 169 strains type: unresolved

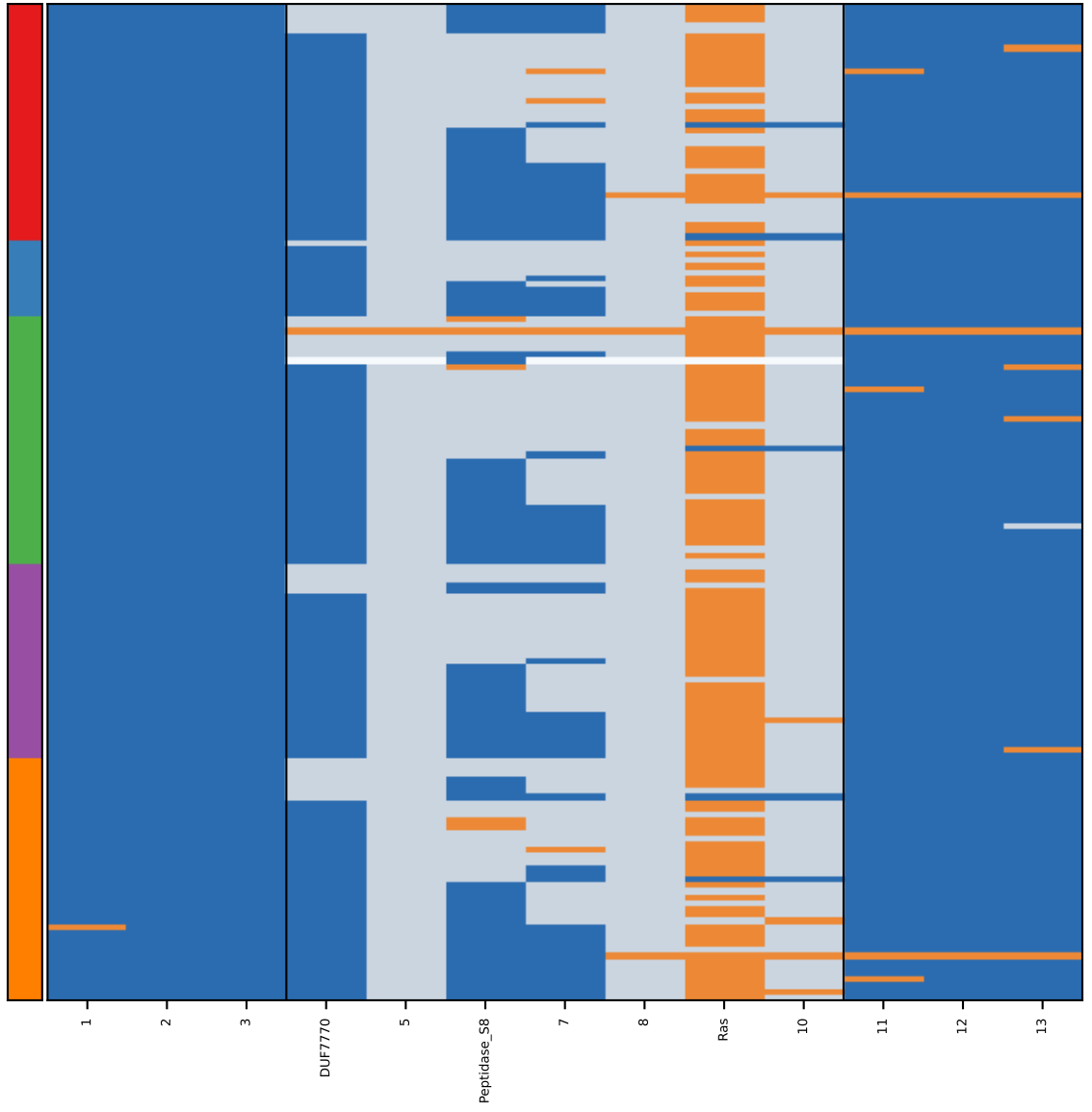


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

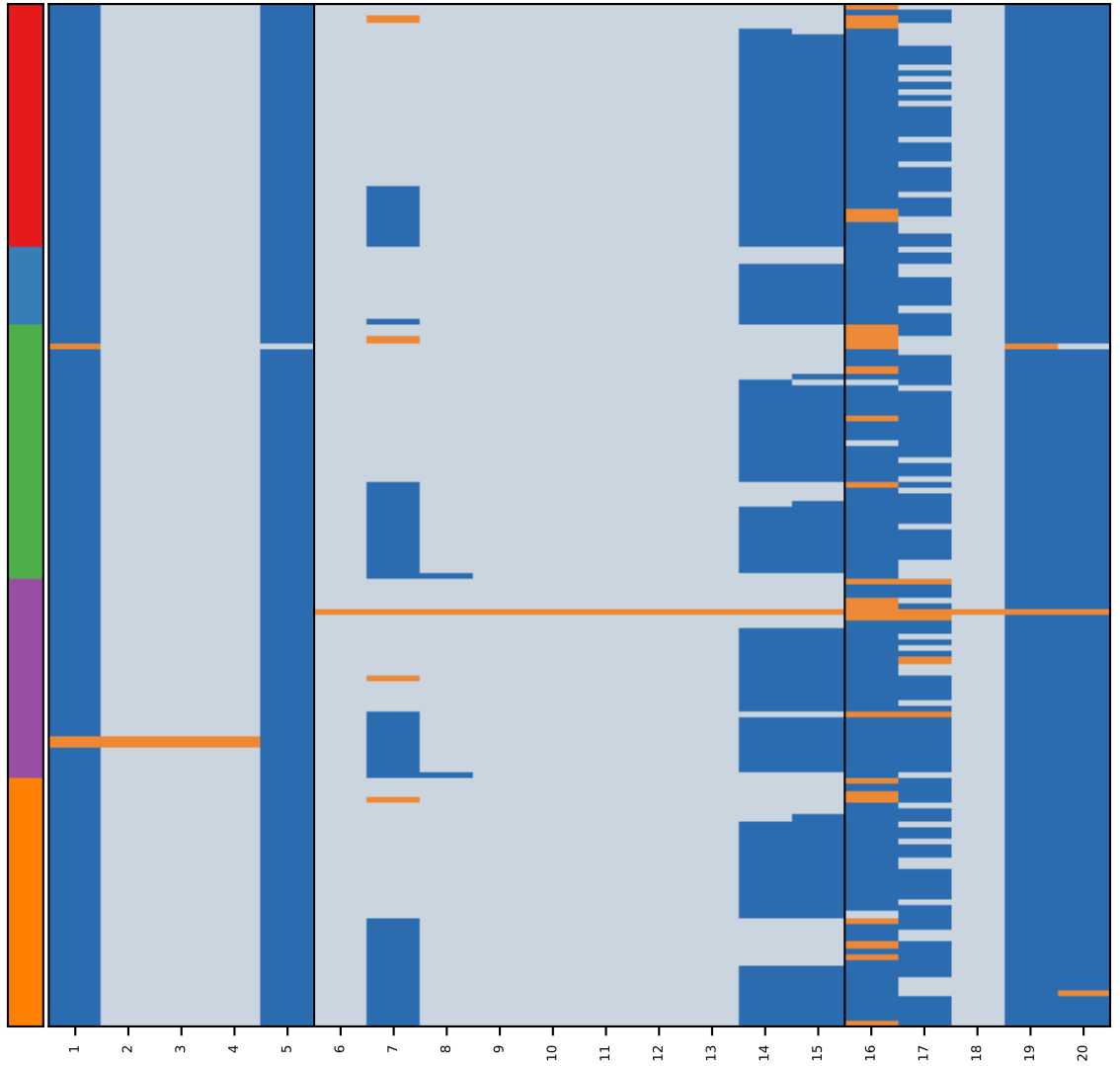
L146 18 genes content 4% of 169 strains type: unresolved



L147 7 genes content 2% of 169 strains type: unresolved

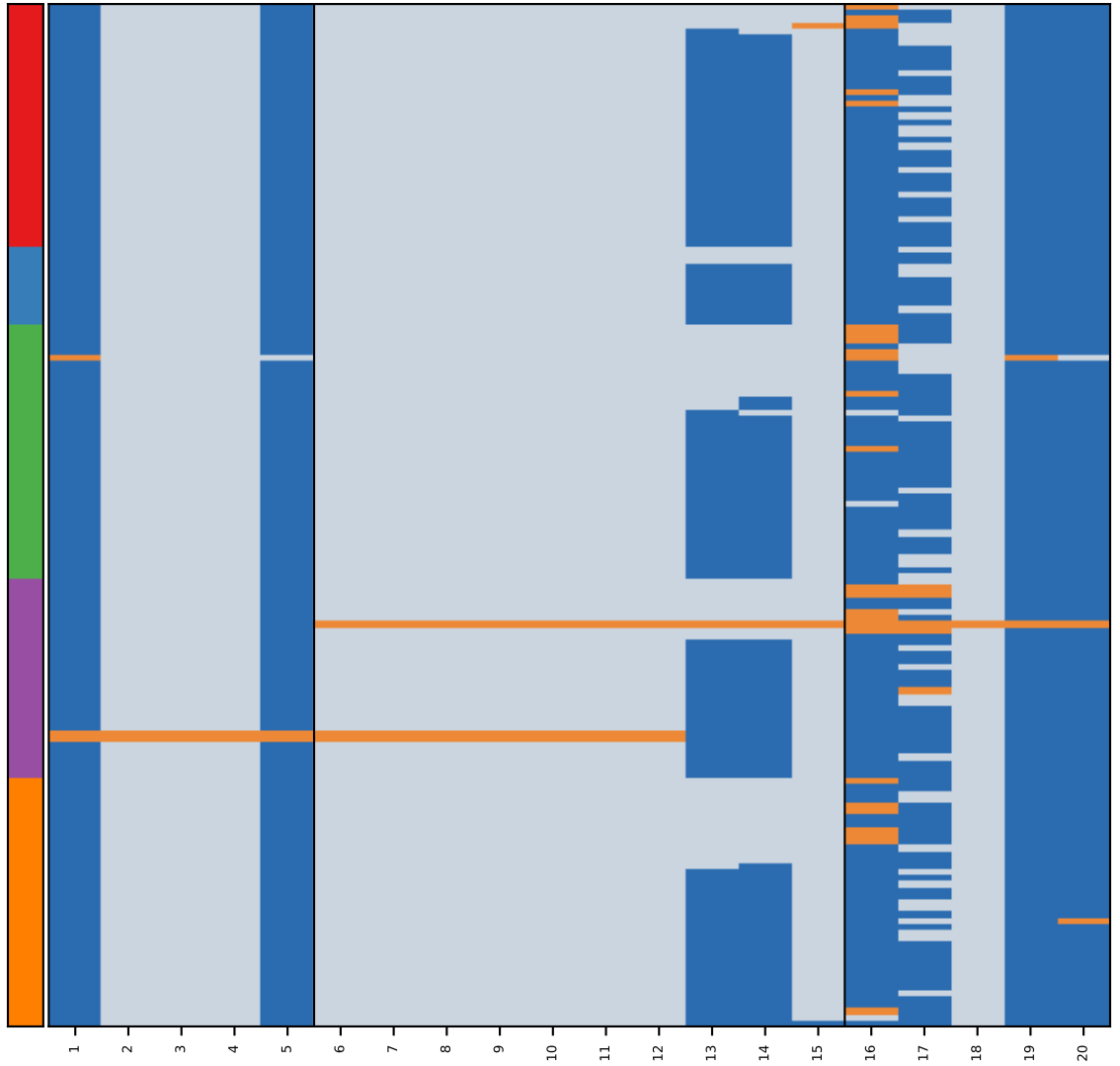


L148 10 genes content 0% of 169 strains type: unresolved



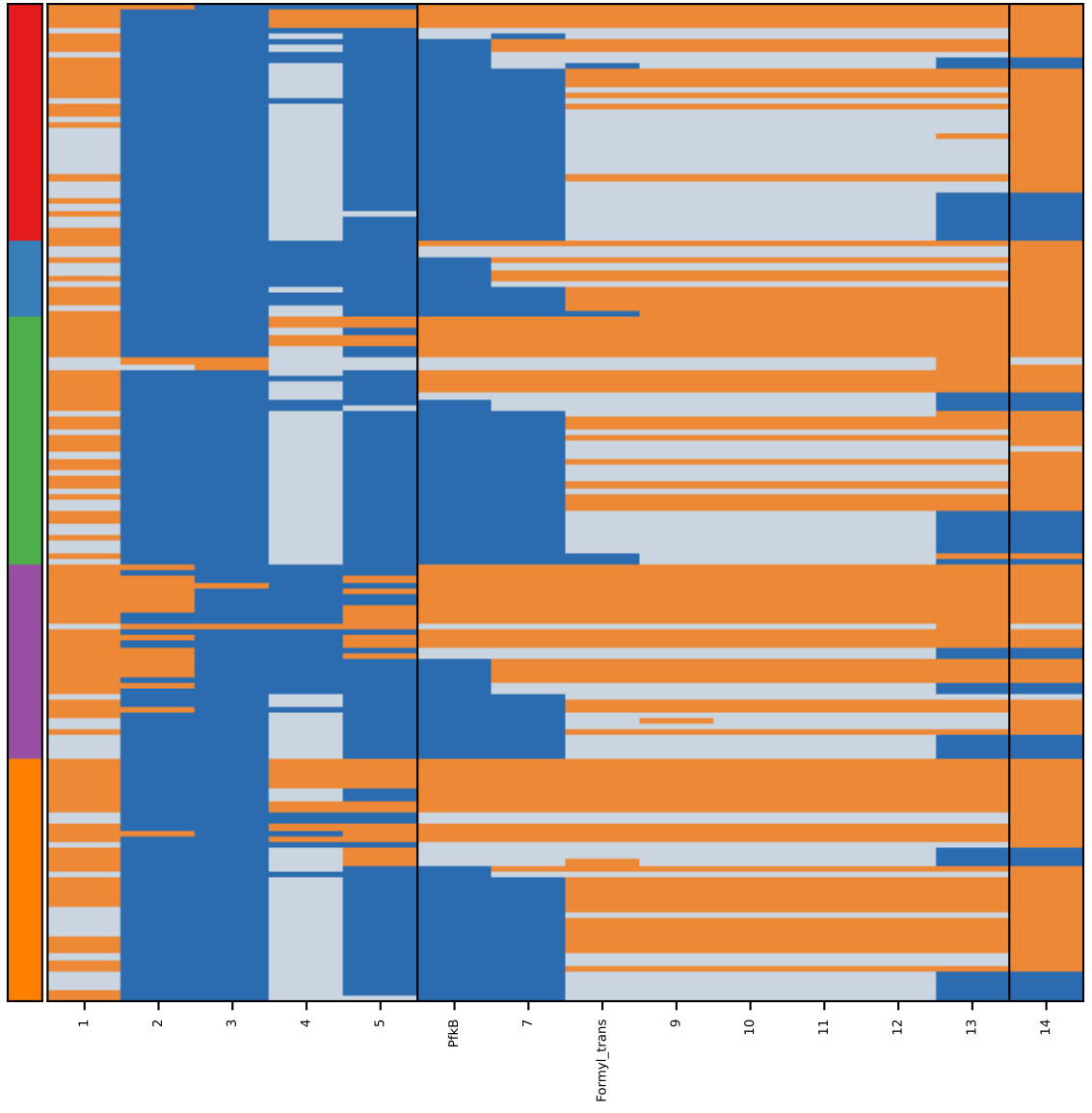
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L149 10 genes content 0% of 169 strains type: unresolved

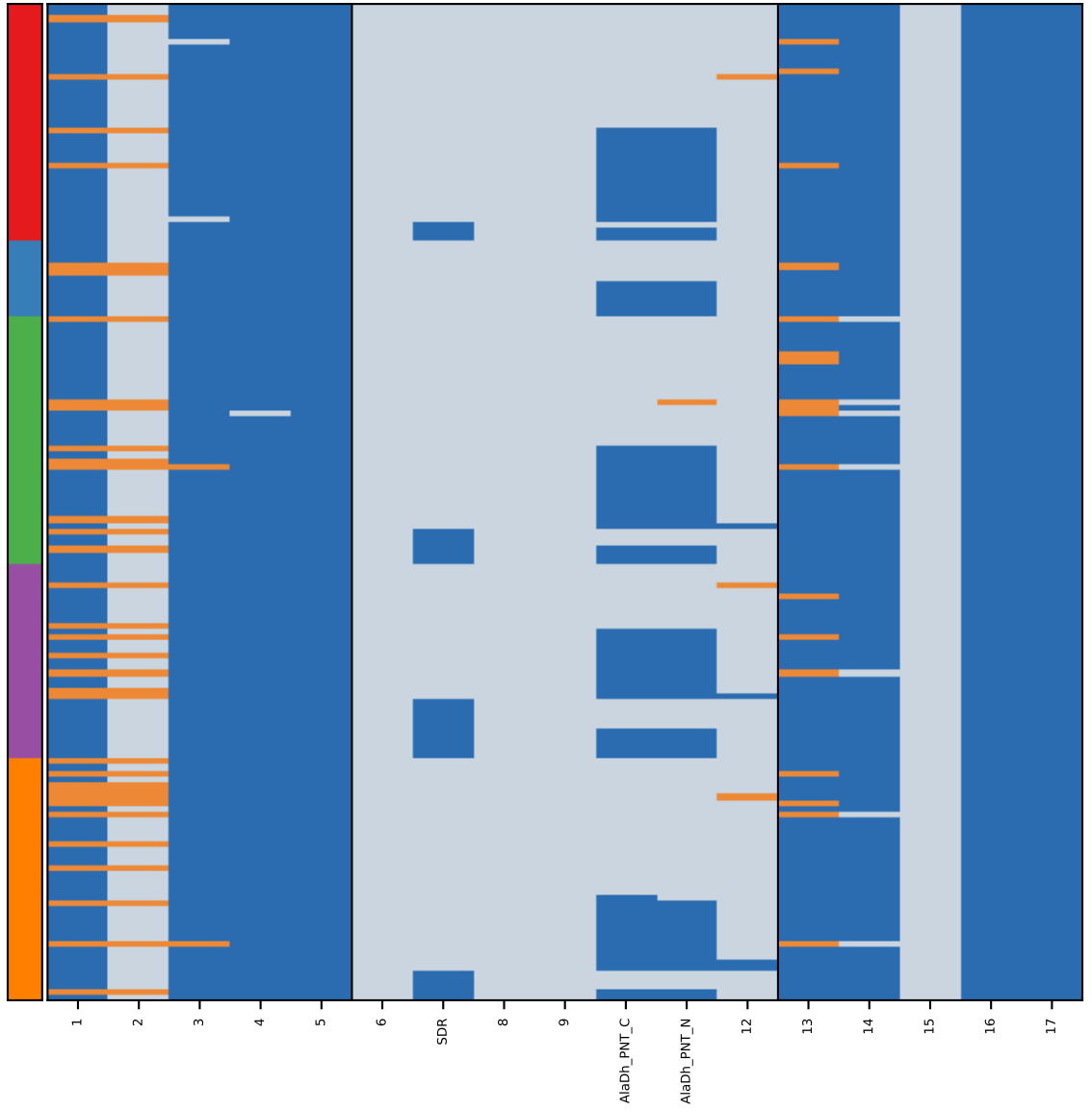


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

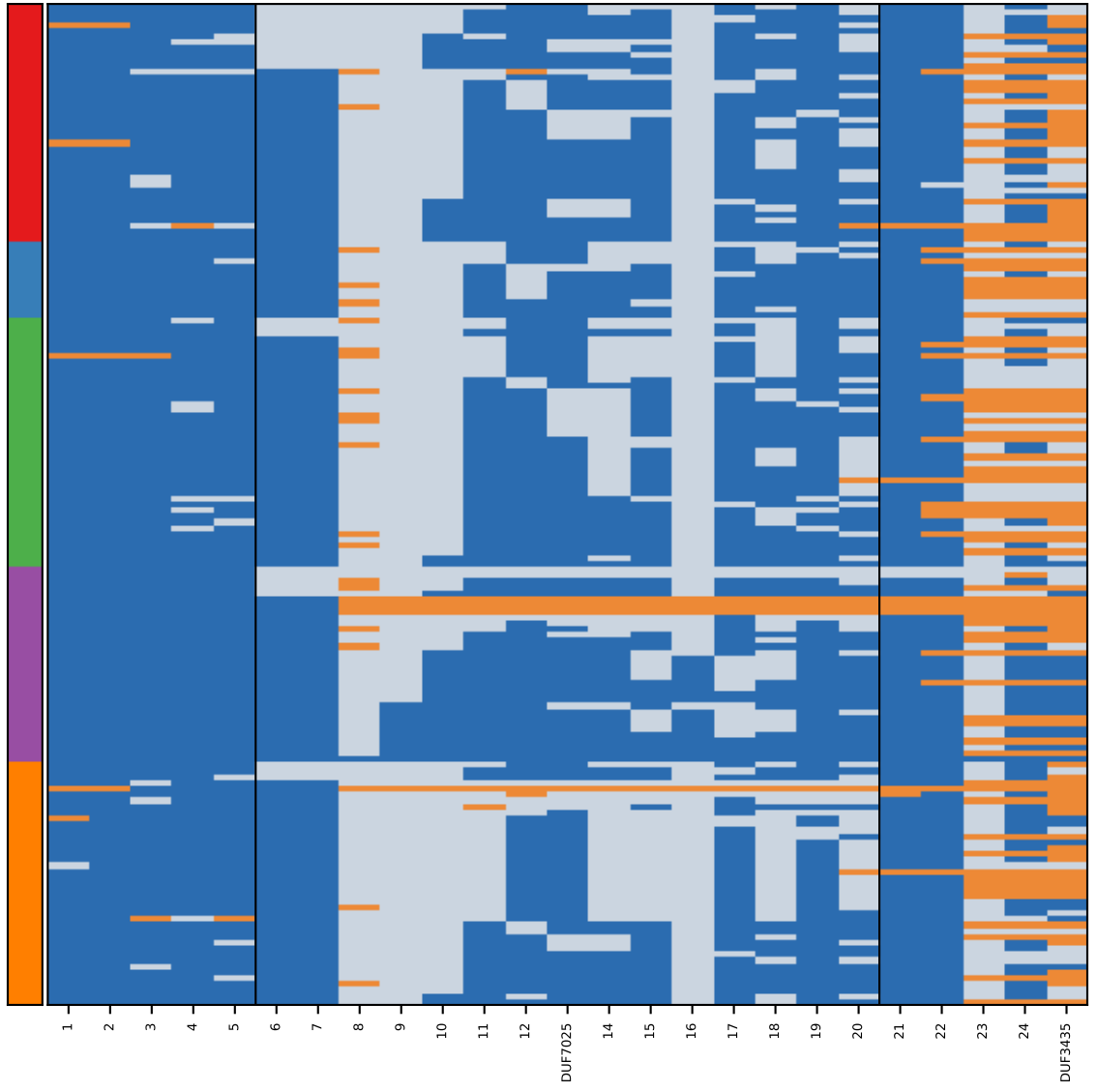
L150 8 genes content 1% of 169 strains type: unresolved



L151 7 genes content 0% of 169 strains type: unresolved

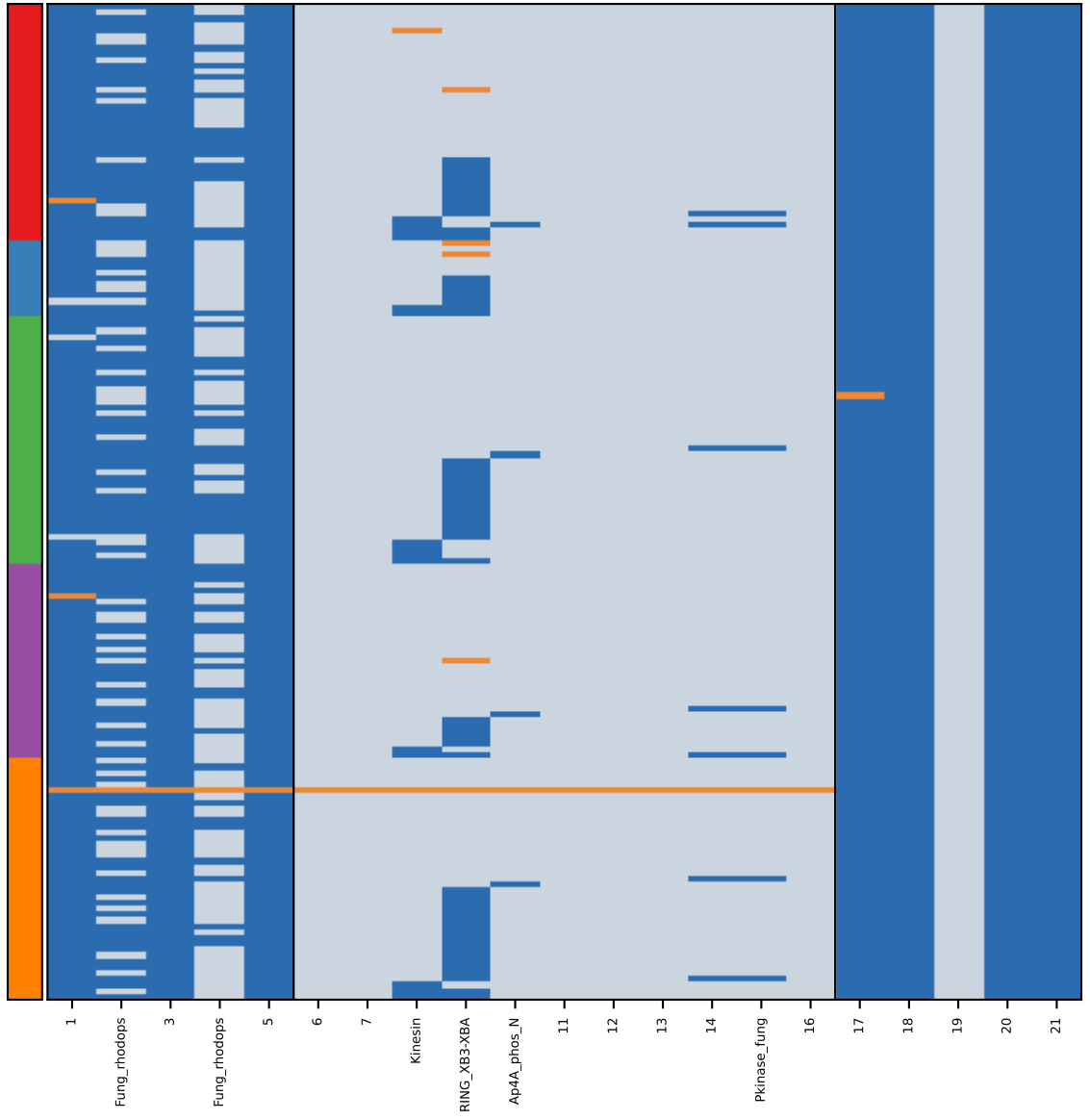


L152 15 genes content 66% of 169 strains type: content_variants

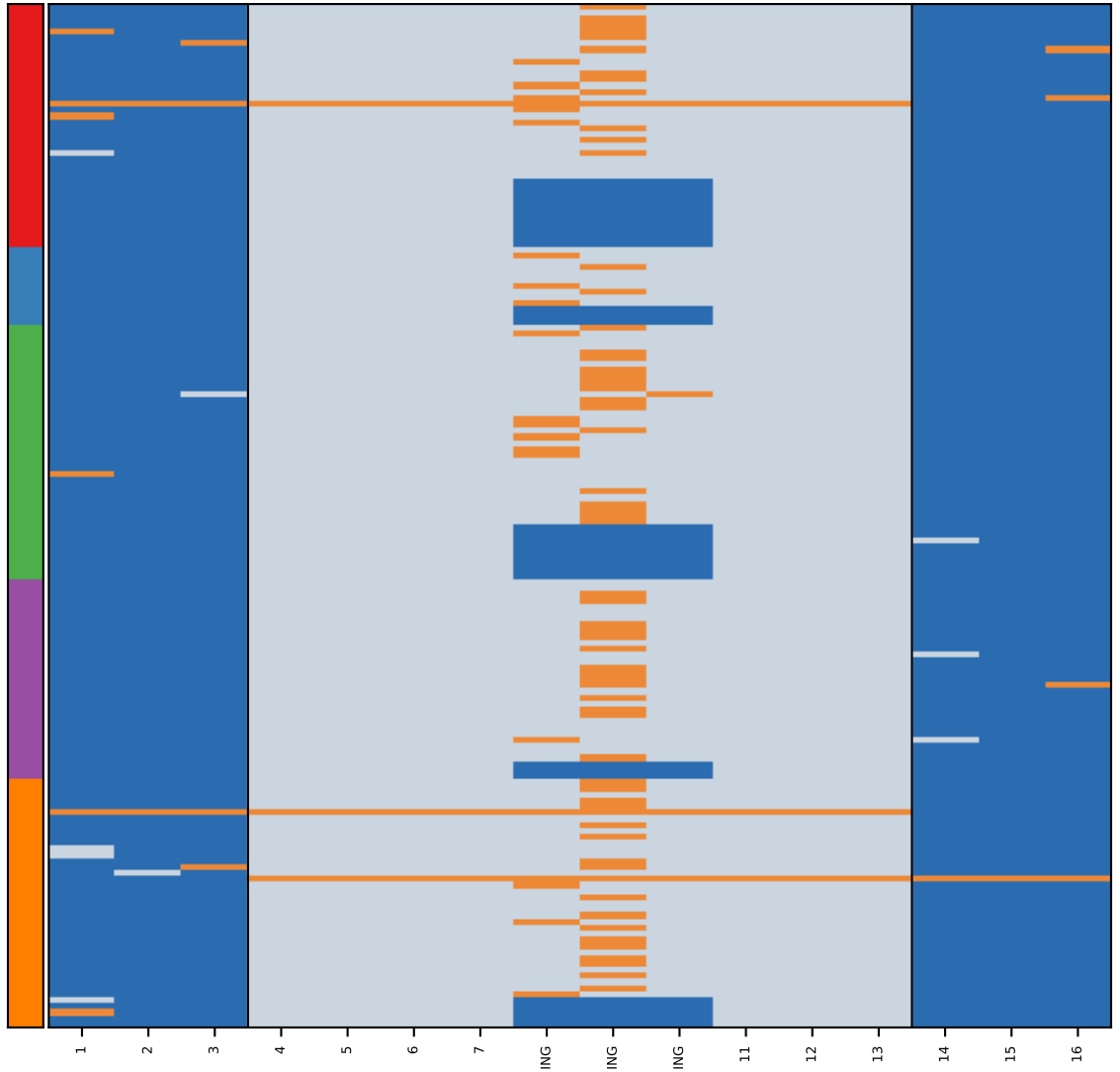


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L153 11 genes content 0% of 169 strains type: unresolved

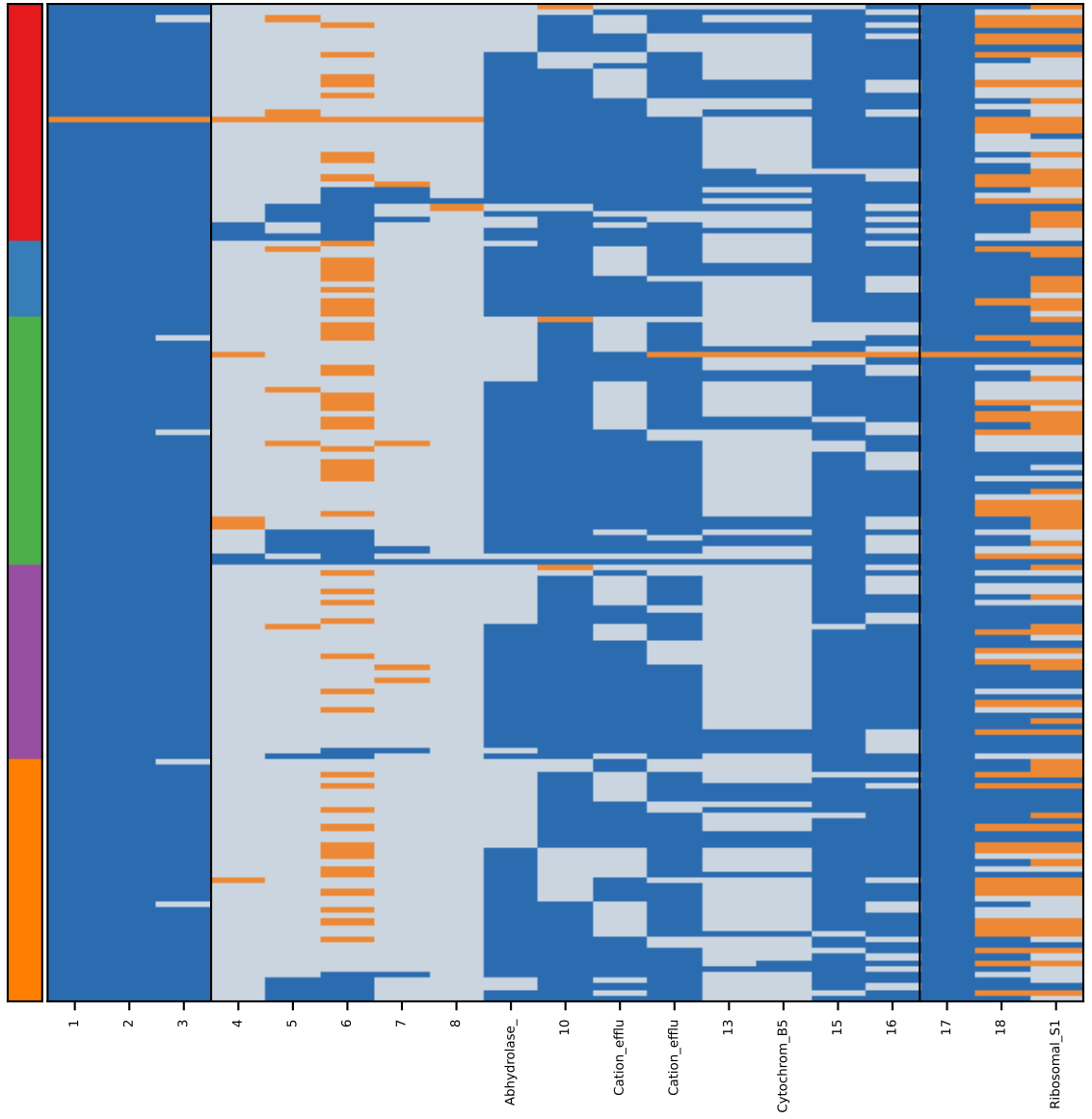


L154 10 genes content 0% of 169 strains type: unresolved

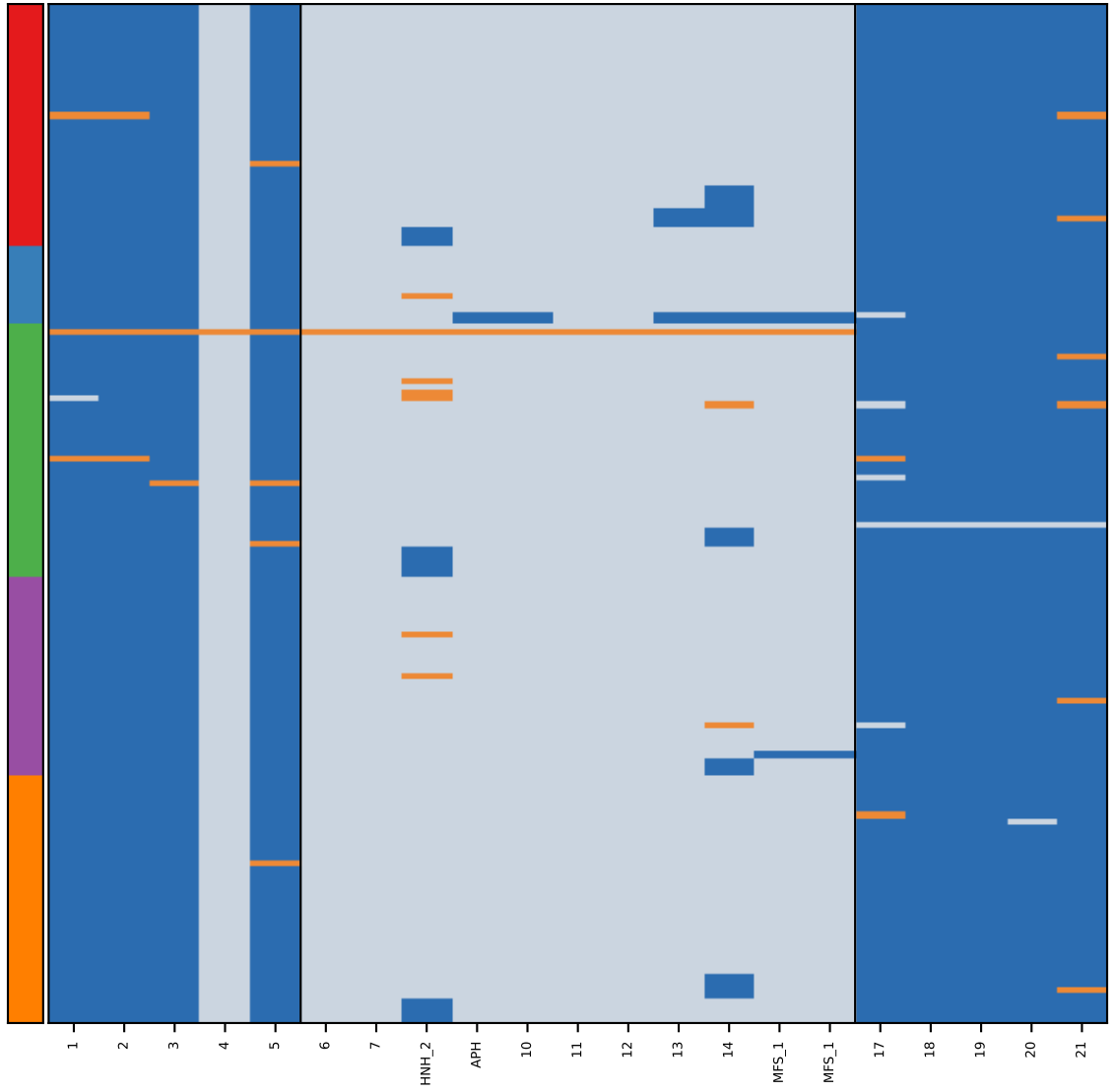


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L155 13 genes content 18% of 169 strains type: unresolved

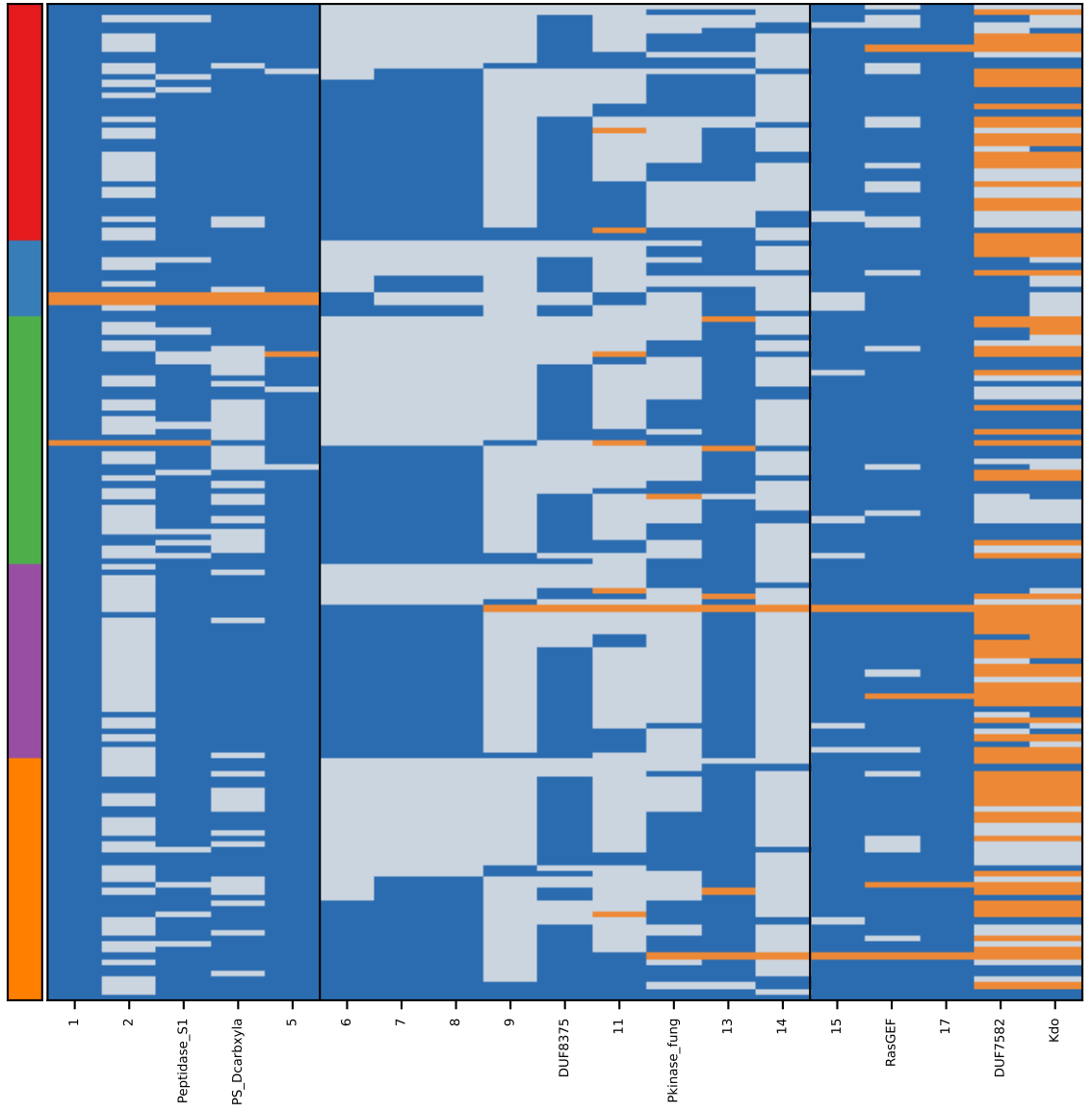


L156 11 genes content 1% of 169 strains type: unresolved



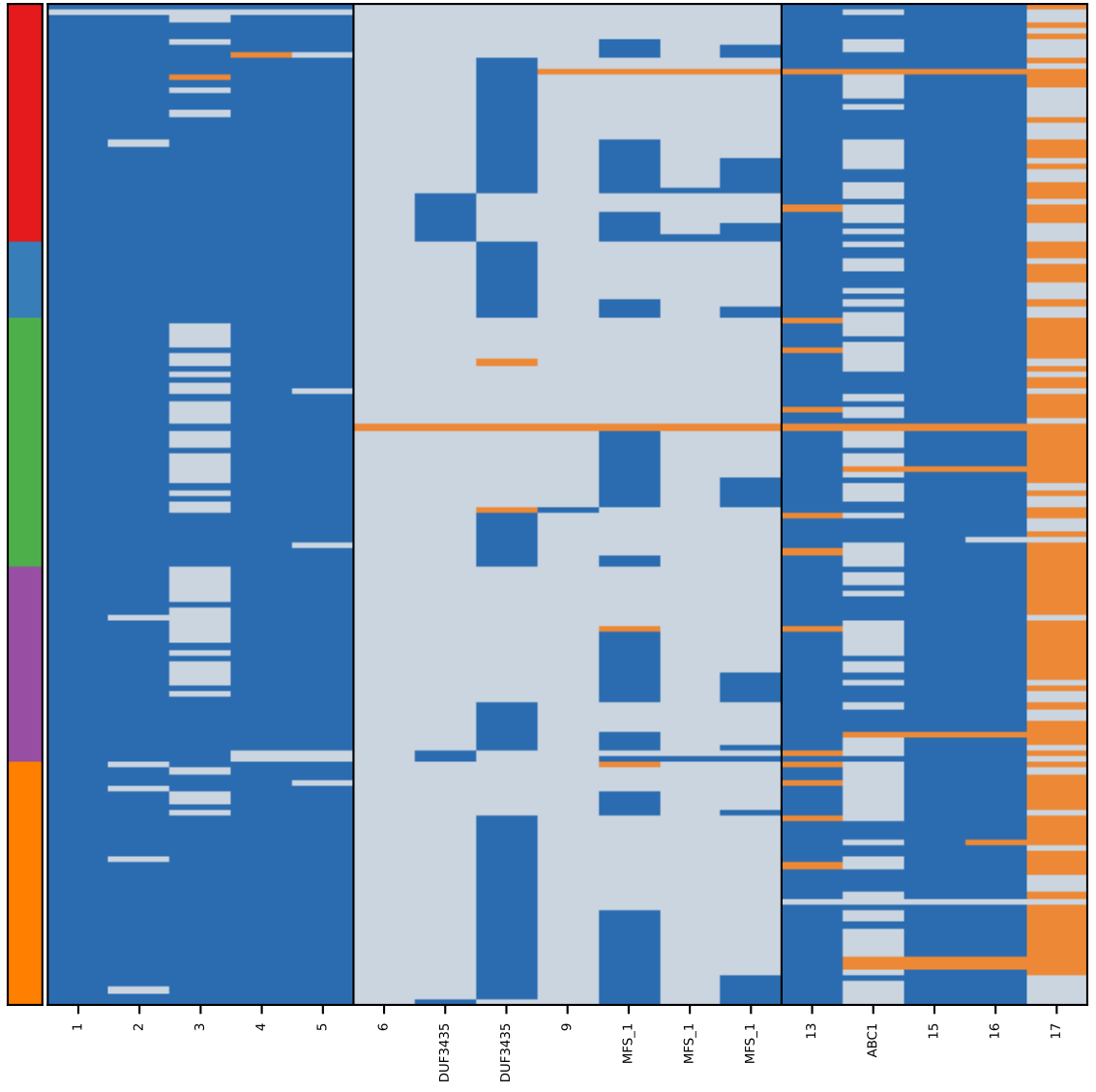
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L157 9 genes content 49% of 169 strains type: unresolved

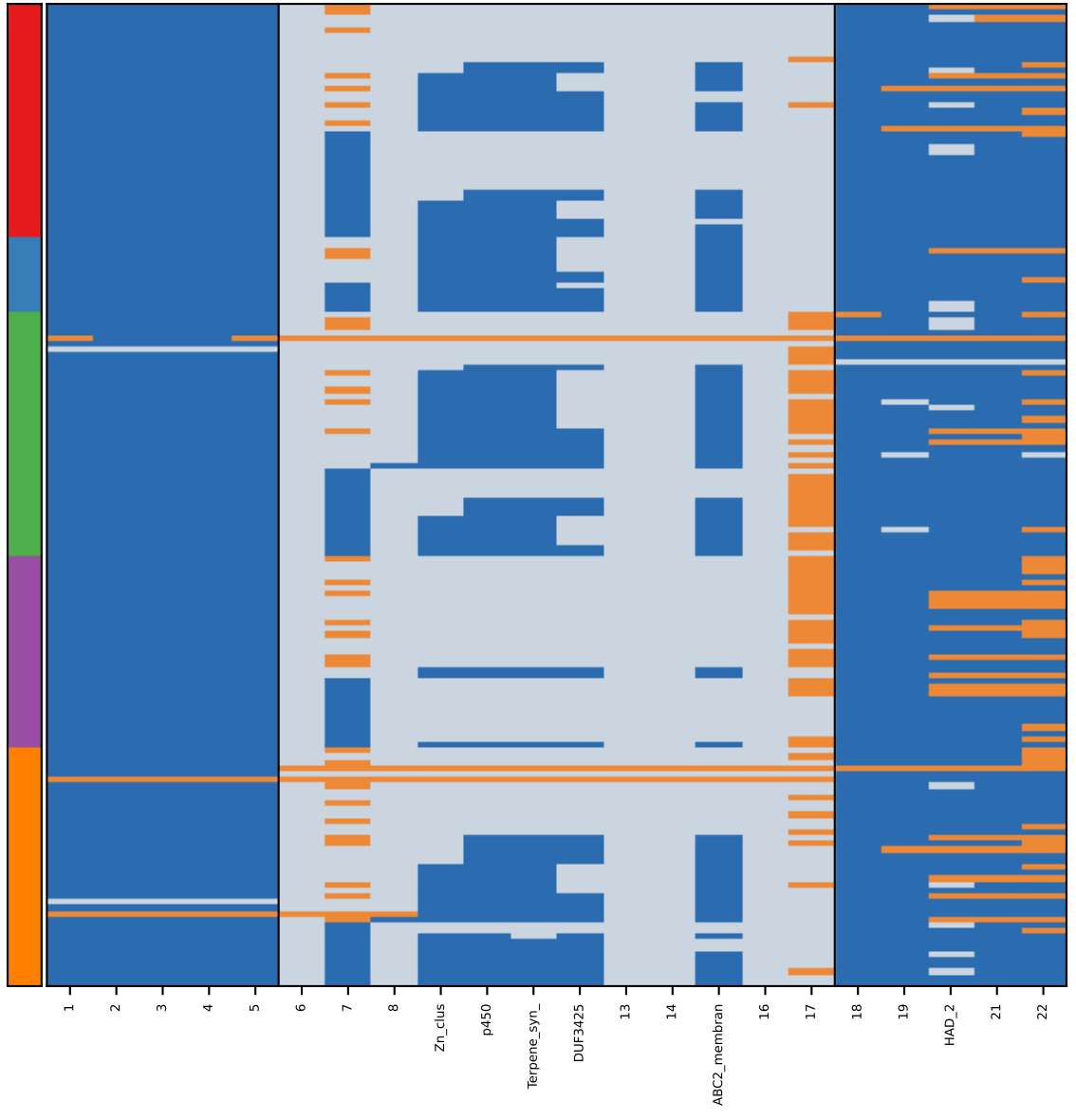


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

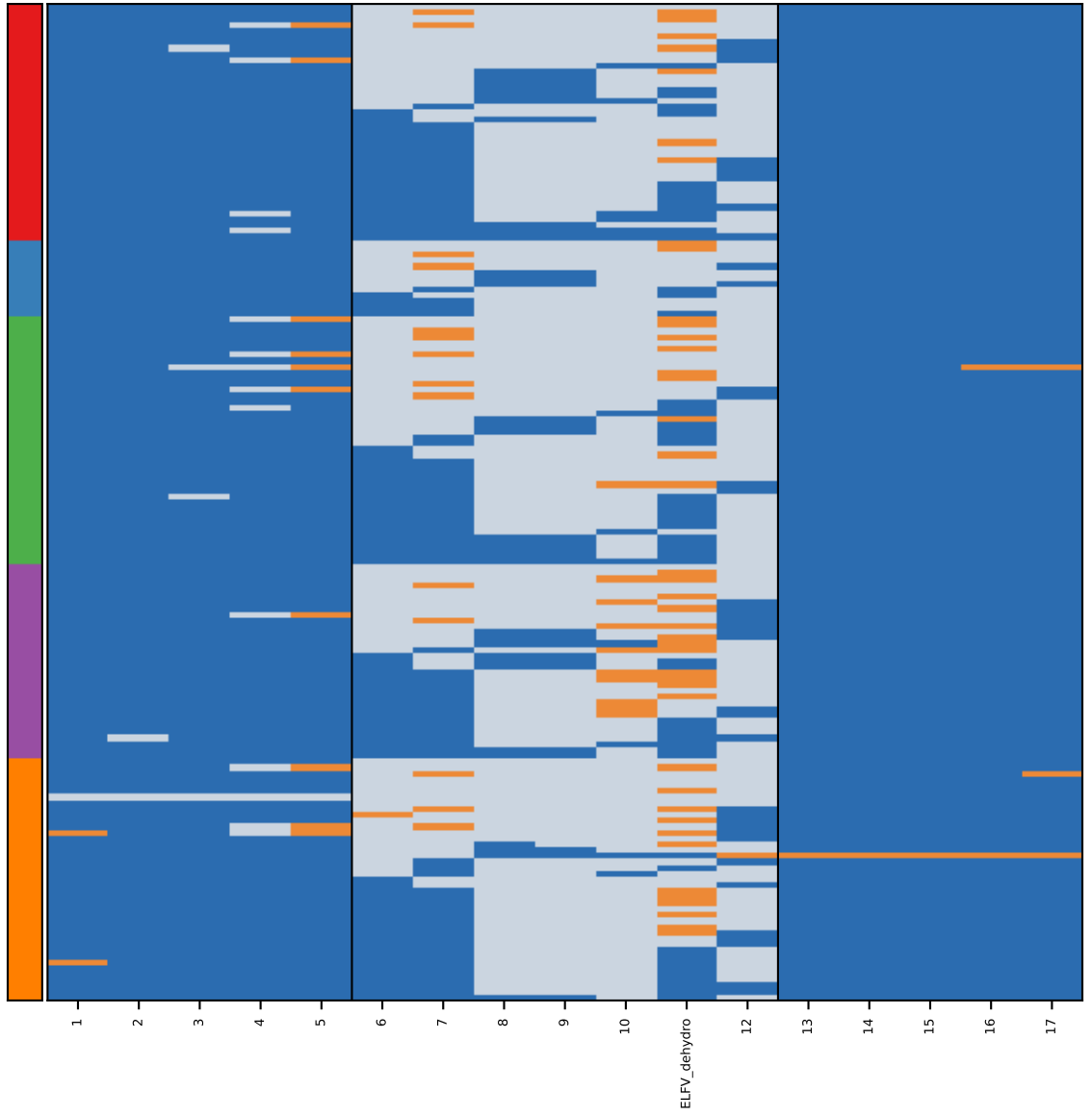
L158 7 genes content 2% of 169 strains type: unresolved



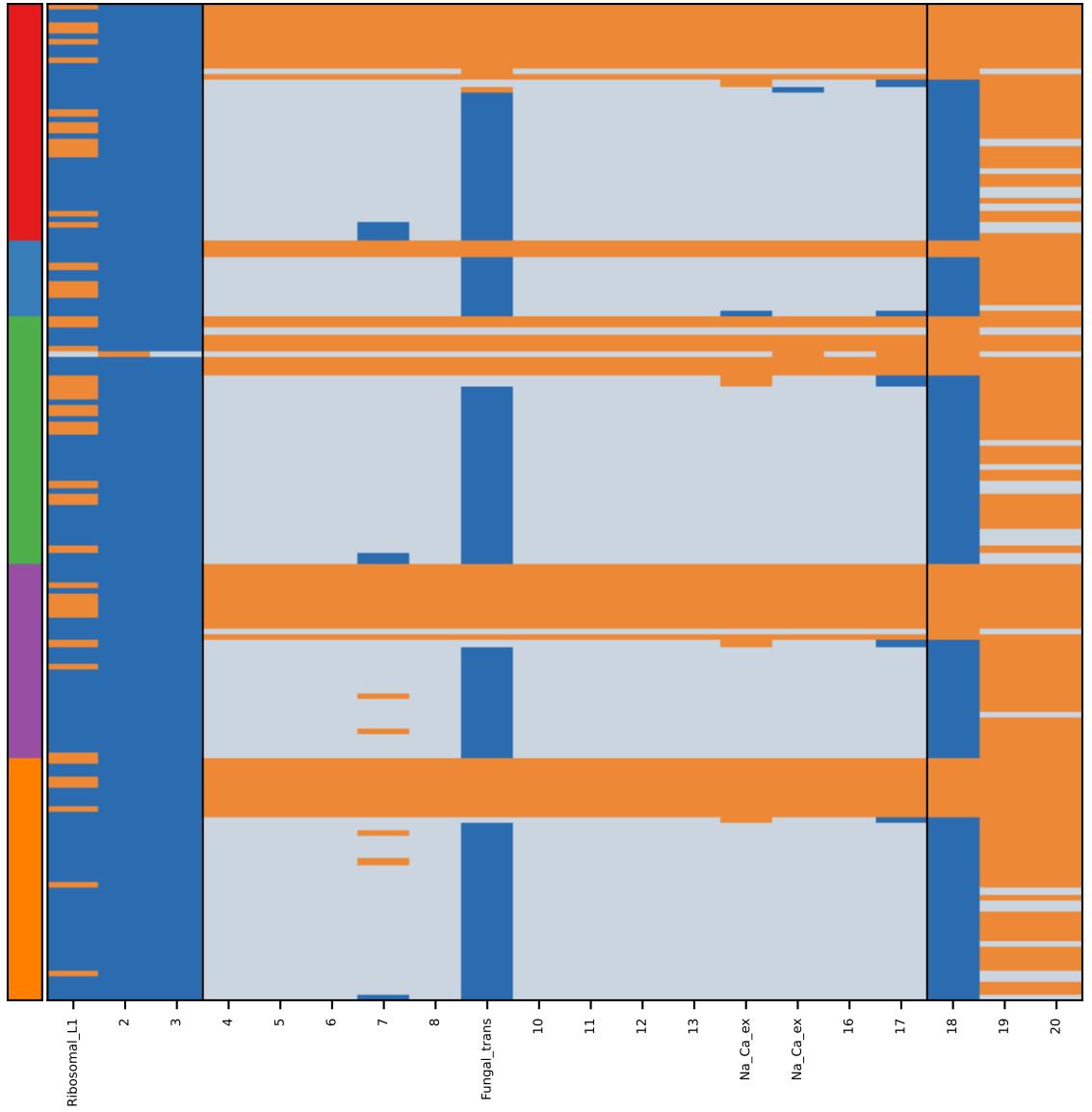
L159 12 genes content 10% of 169 strains type: unresolved



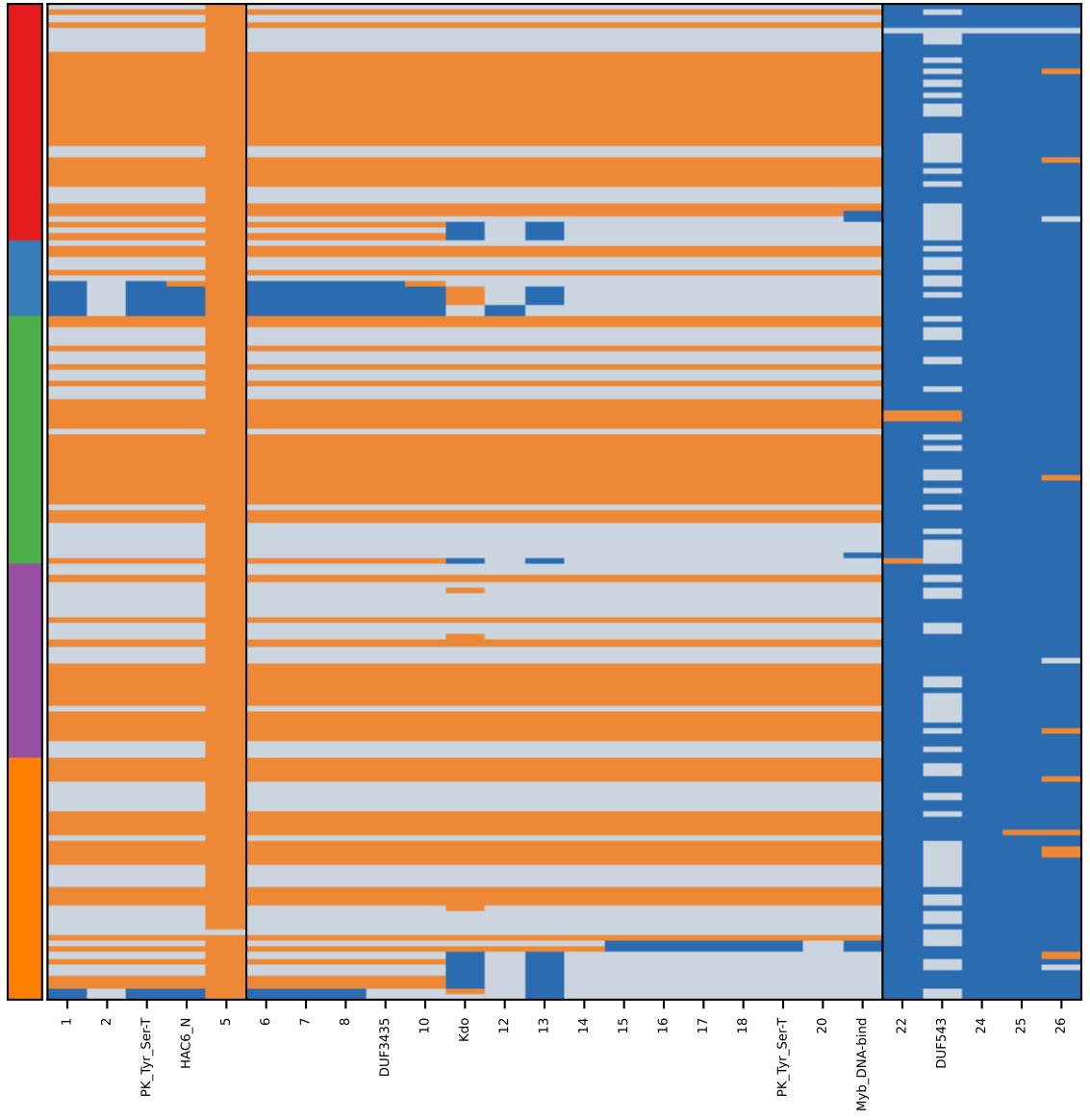
L160 7 genes content 12% of 169 strains type: unresolved



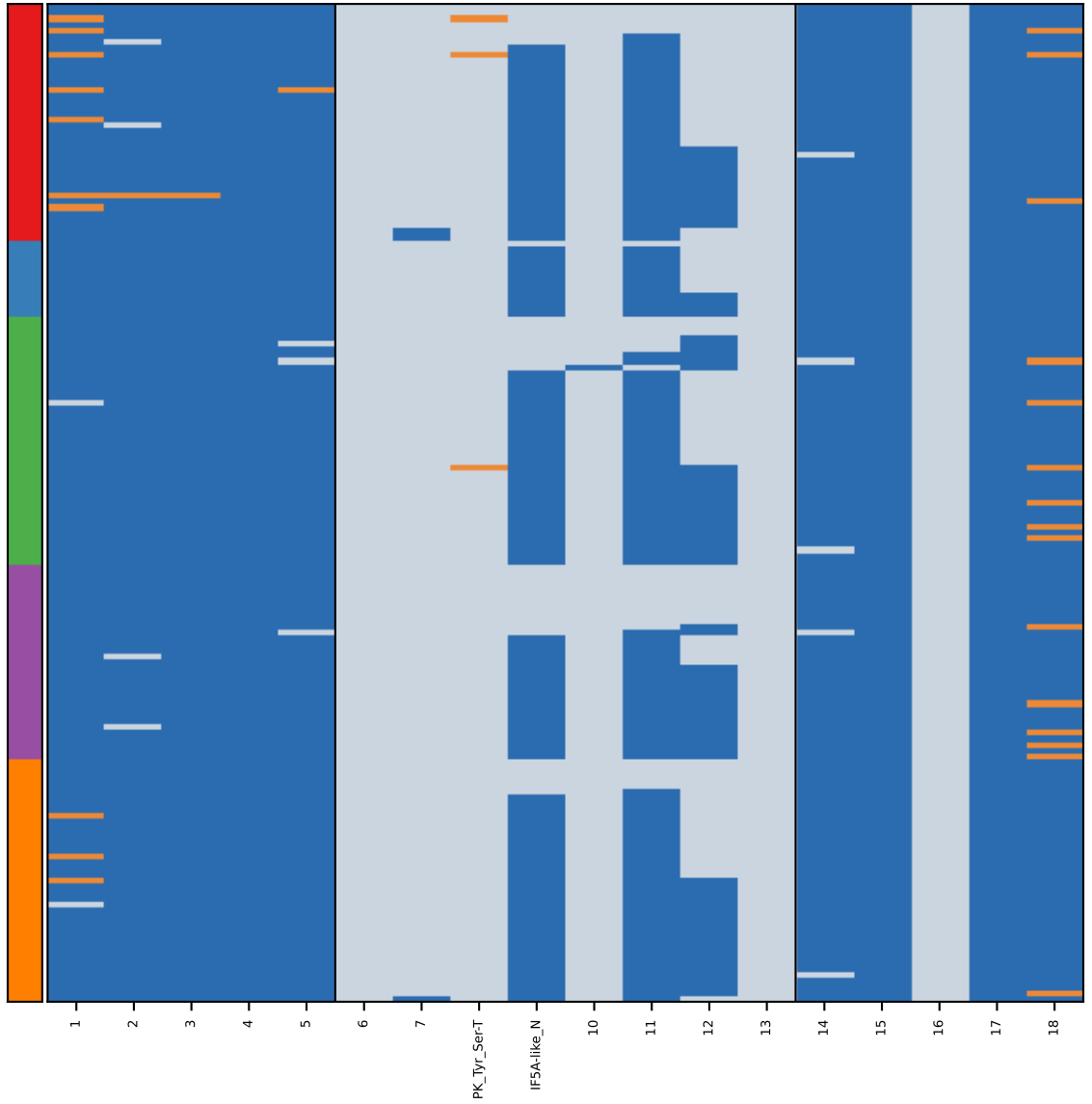
L161 14 genes content 0% of 169 strains type: unresolved



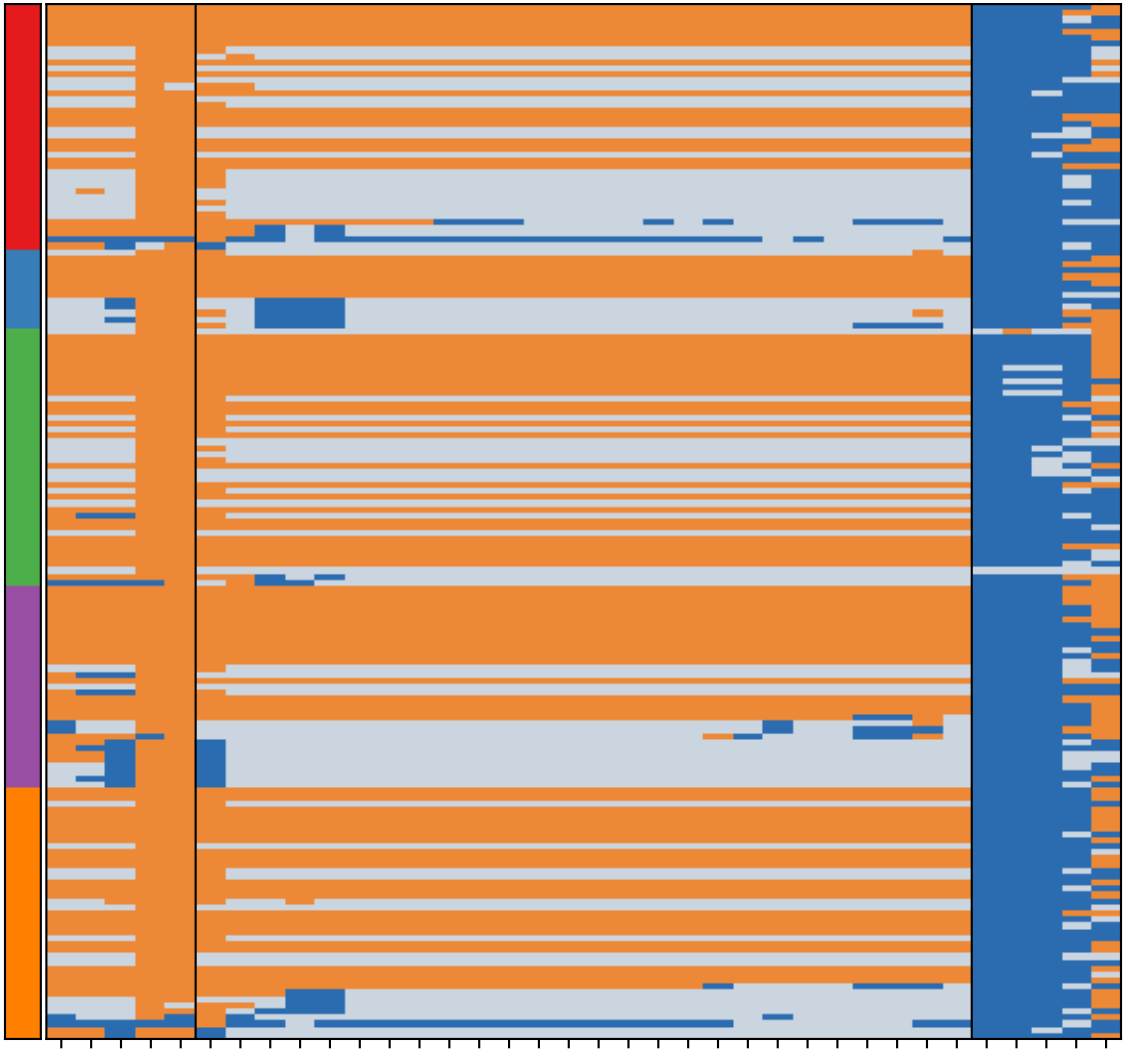
L162 16 genes content 0% of 169 strains type: unresolved



L163 8 genes content 0% of 169 strains type: unresolved

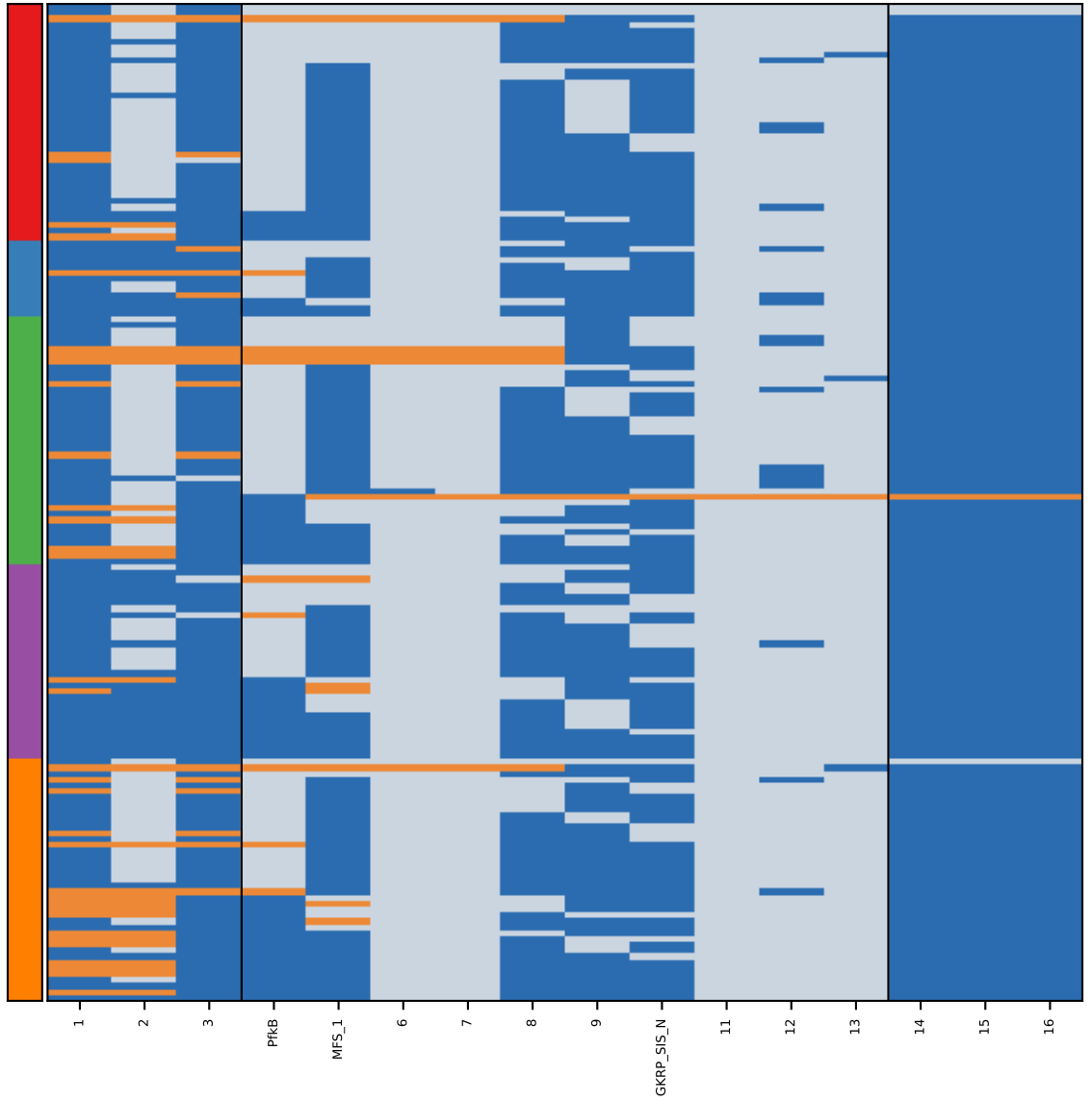


L164 26 genes content 1% of 169 strains type: unresolved



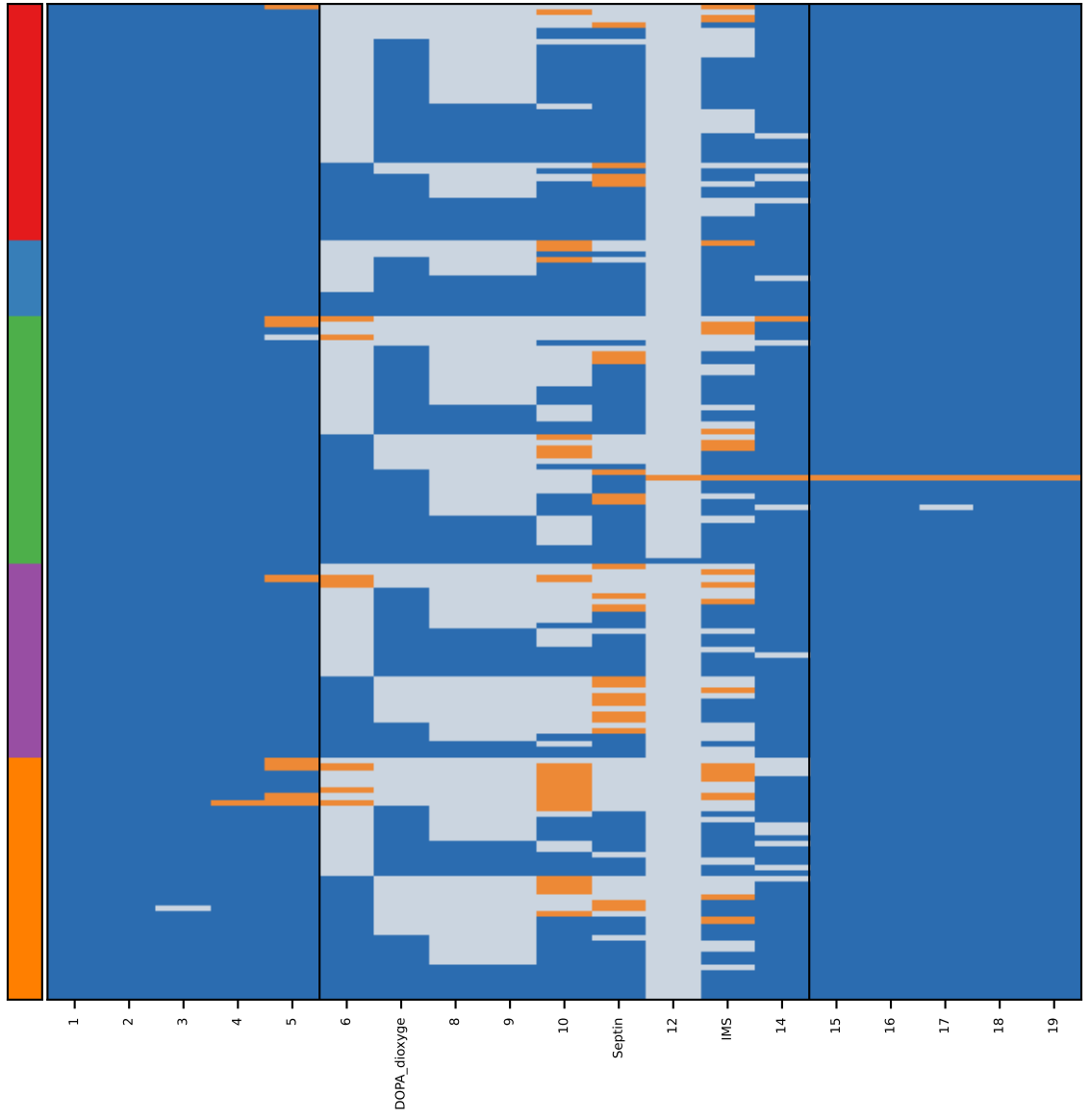
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L165 10 genes content 15% of 169 strains type: unresolved

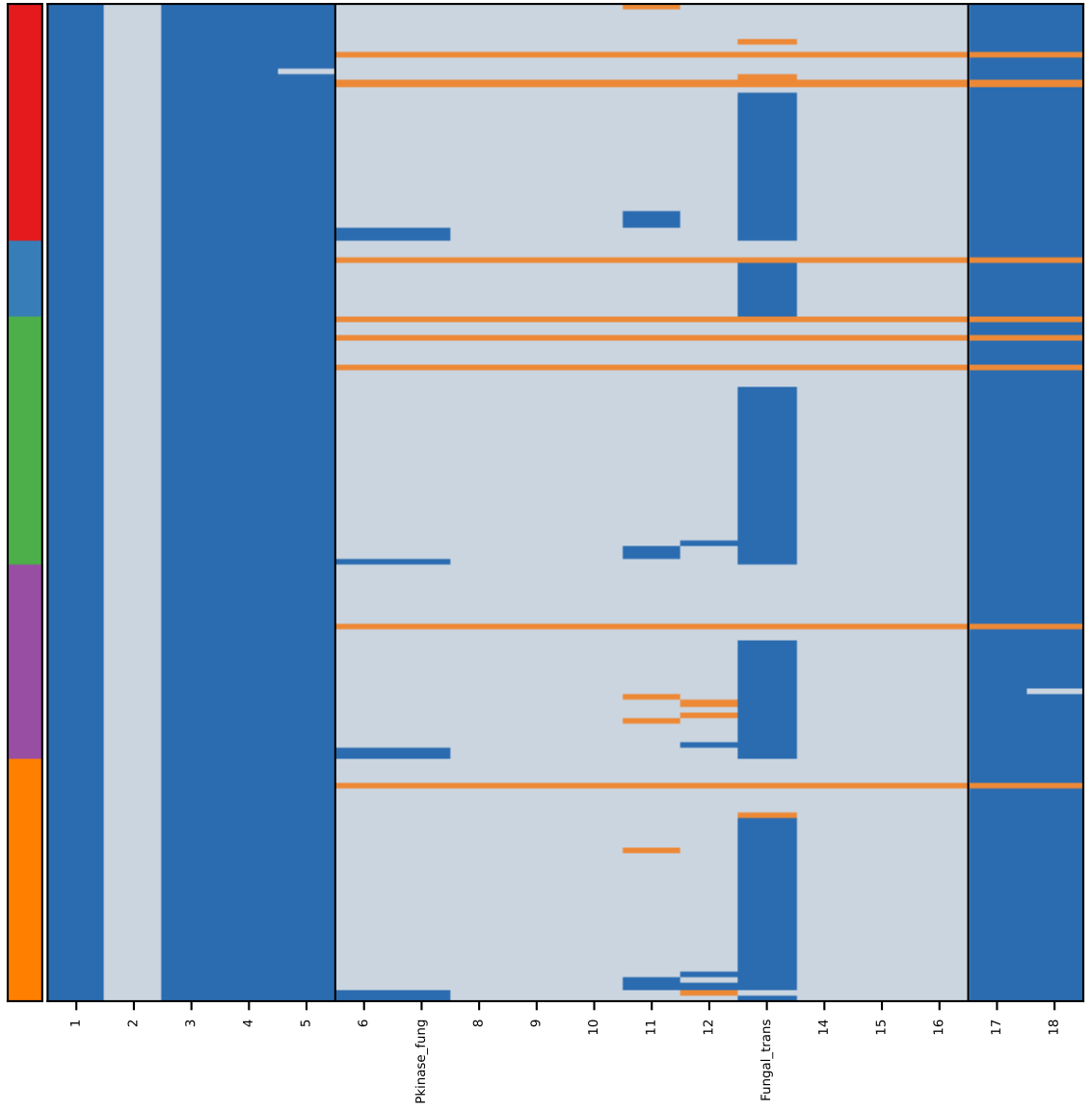


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L166 9 genes content 54% of 169 strains type: content_variants

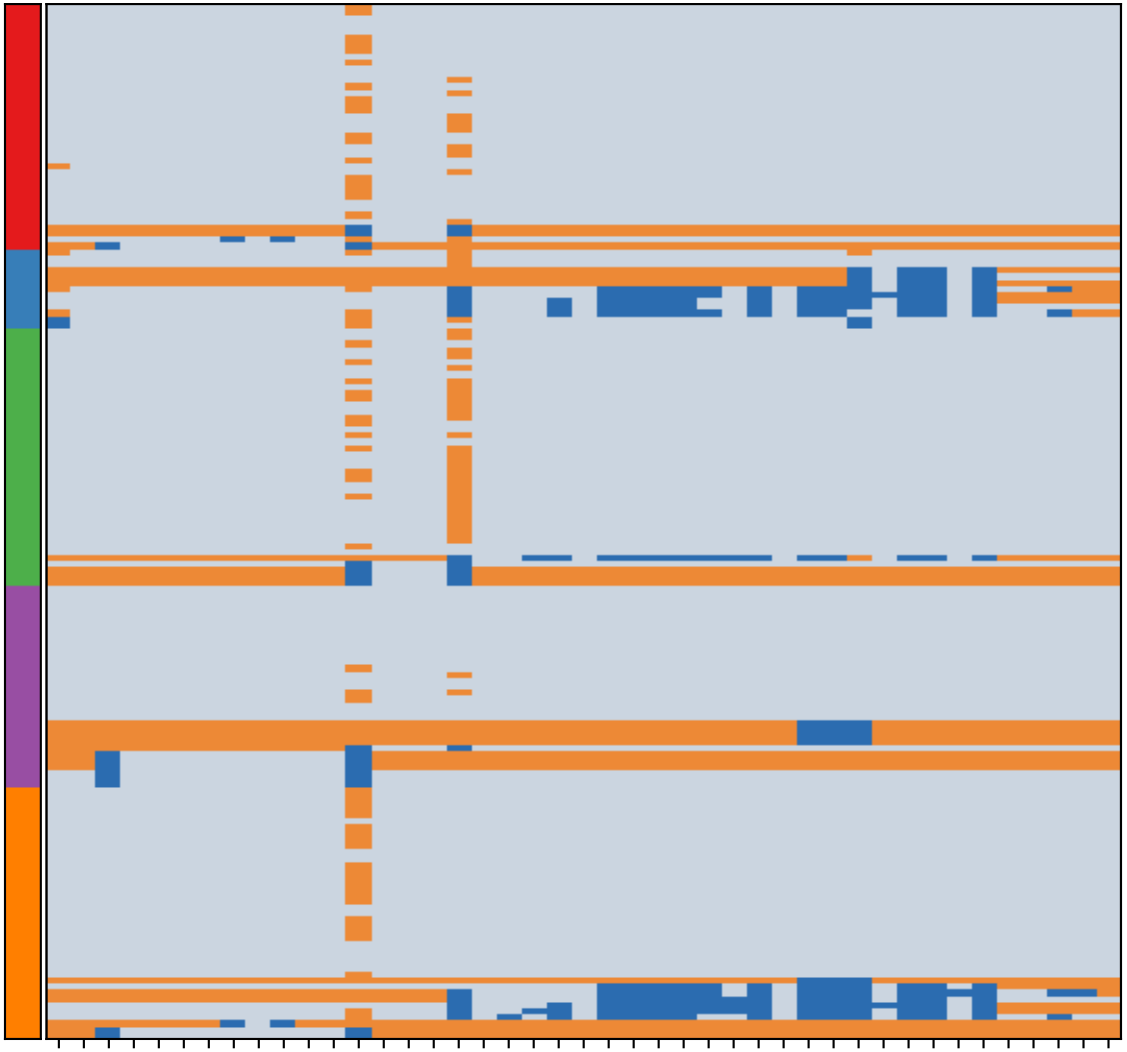


L167 11 genes content 0% of 169 strains type: unresolved



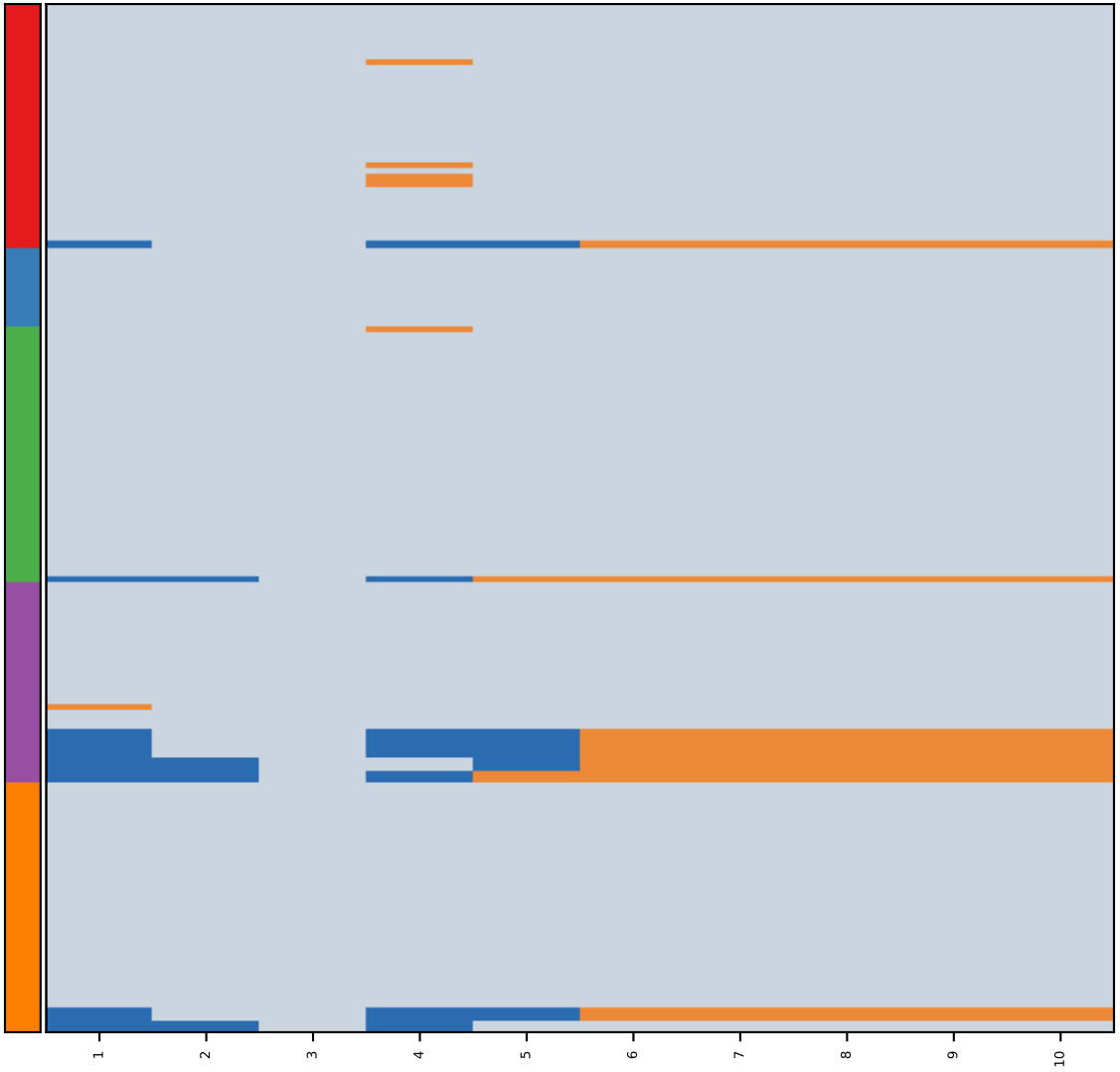
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L168 43 genes content 0% of 169 strains type: unresolved



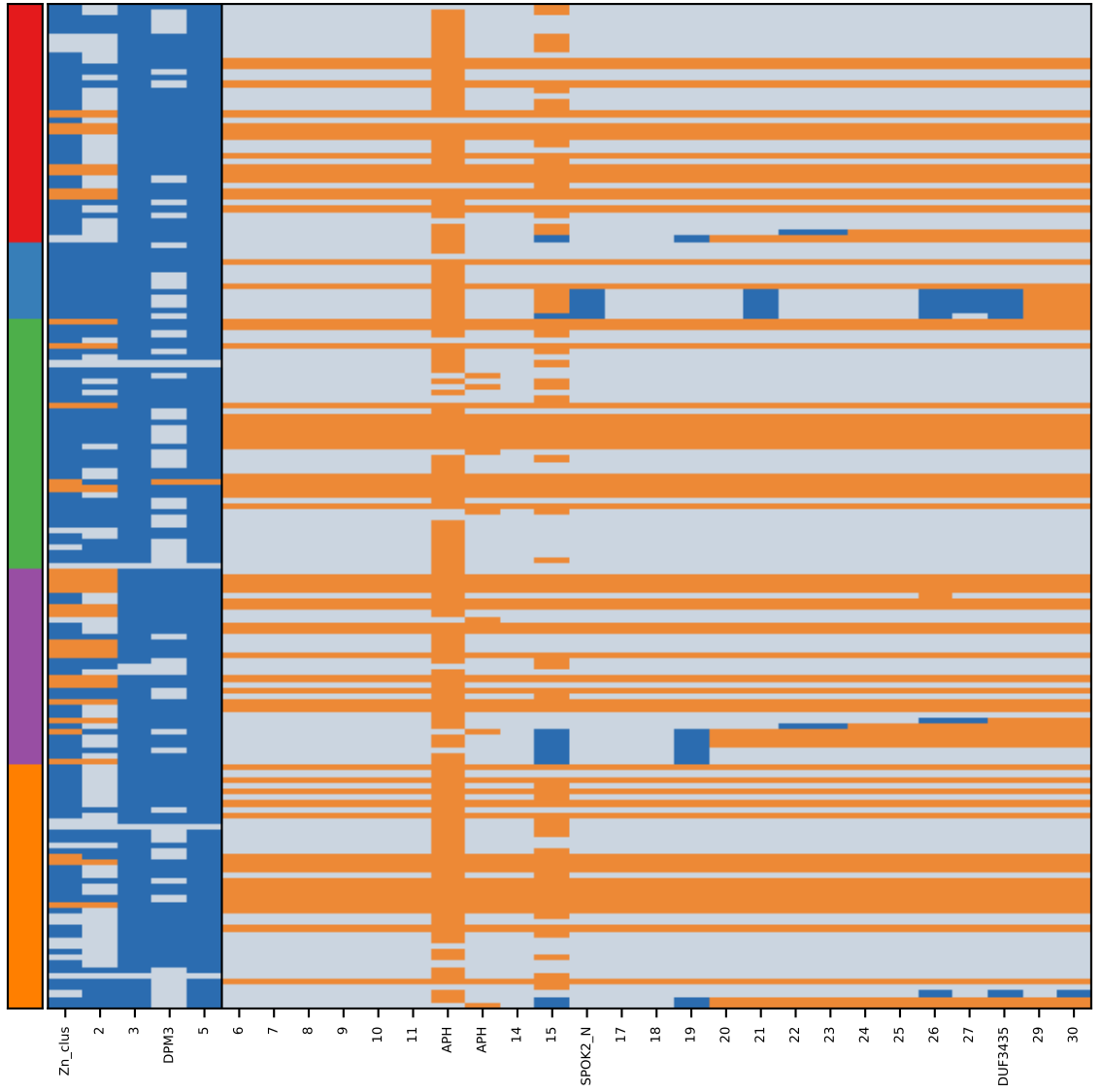
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L169 10 genes content 0% of 169 strains type: unresolved



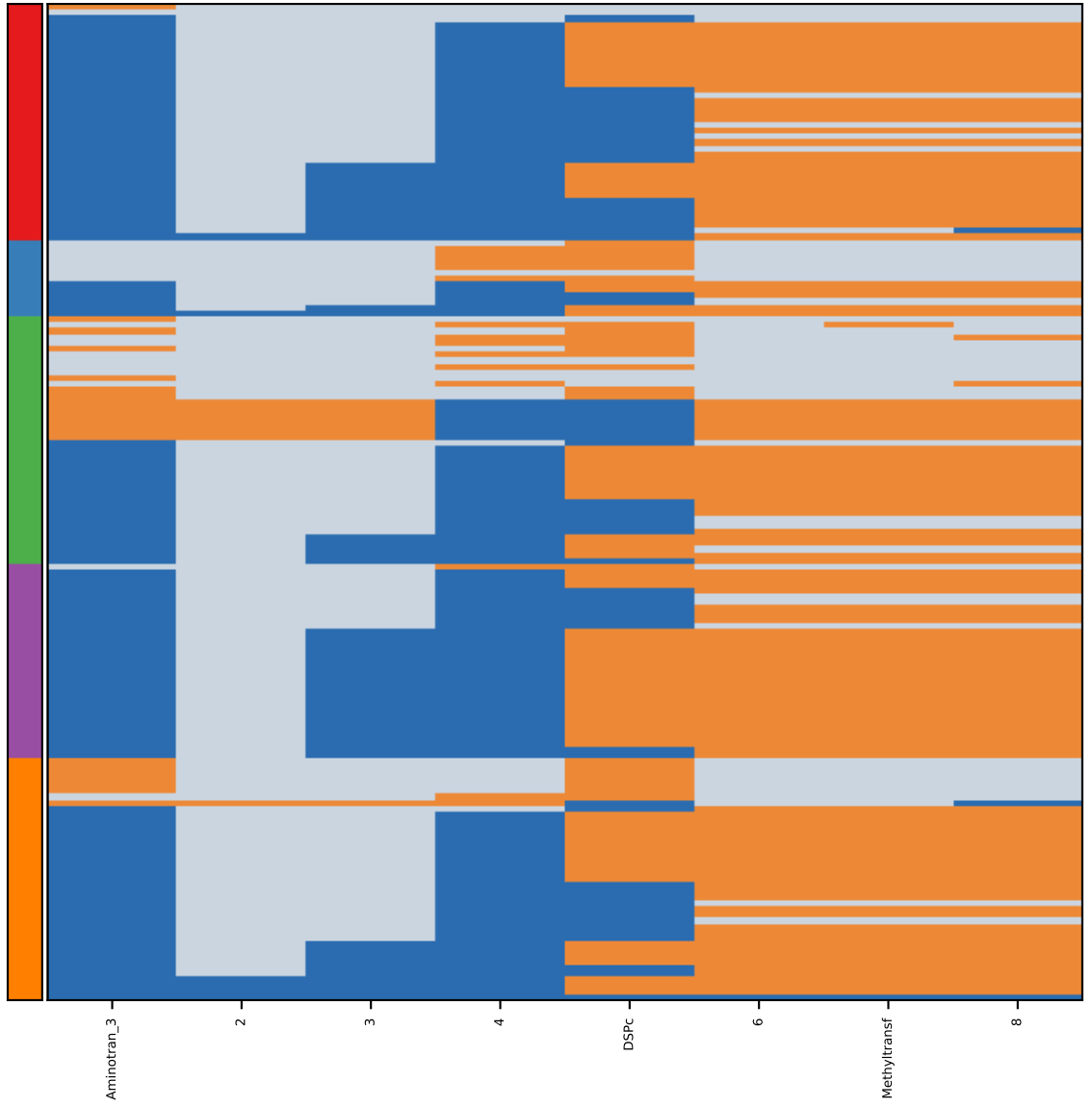
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L170 25 genes content 0% of 169 strains type: unresolved



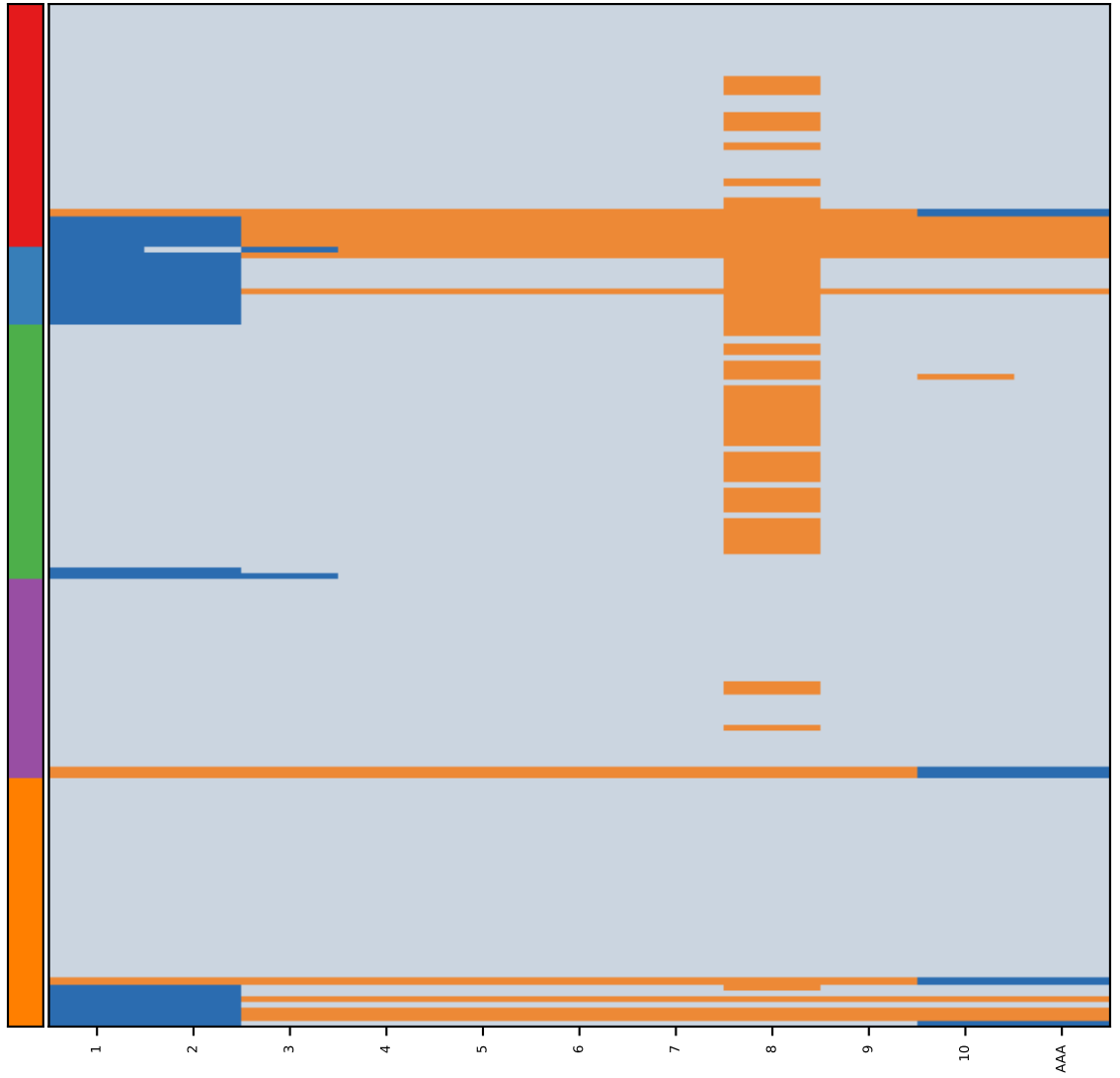
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L171 8 genes content 10% of 169 strains type: unresolved

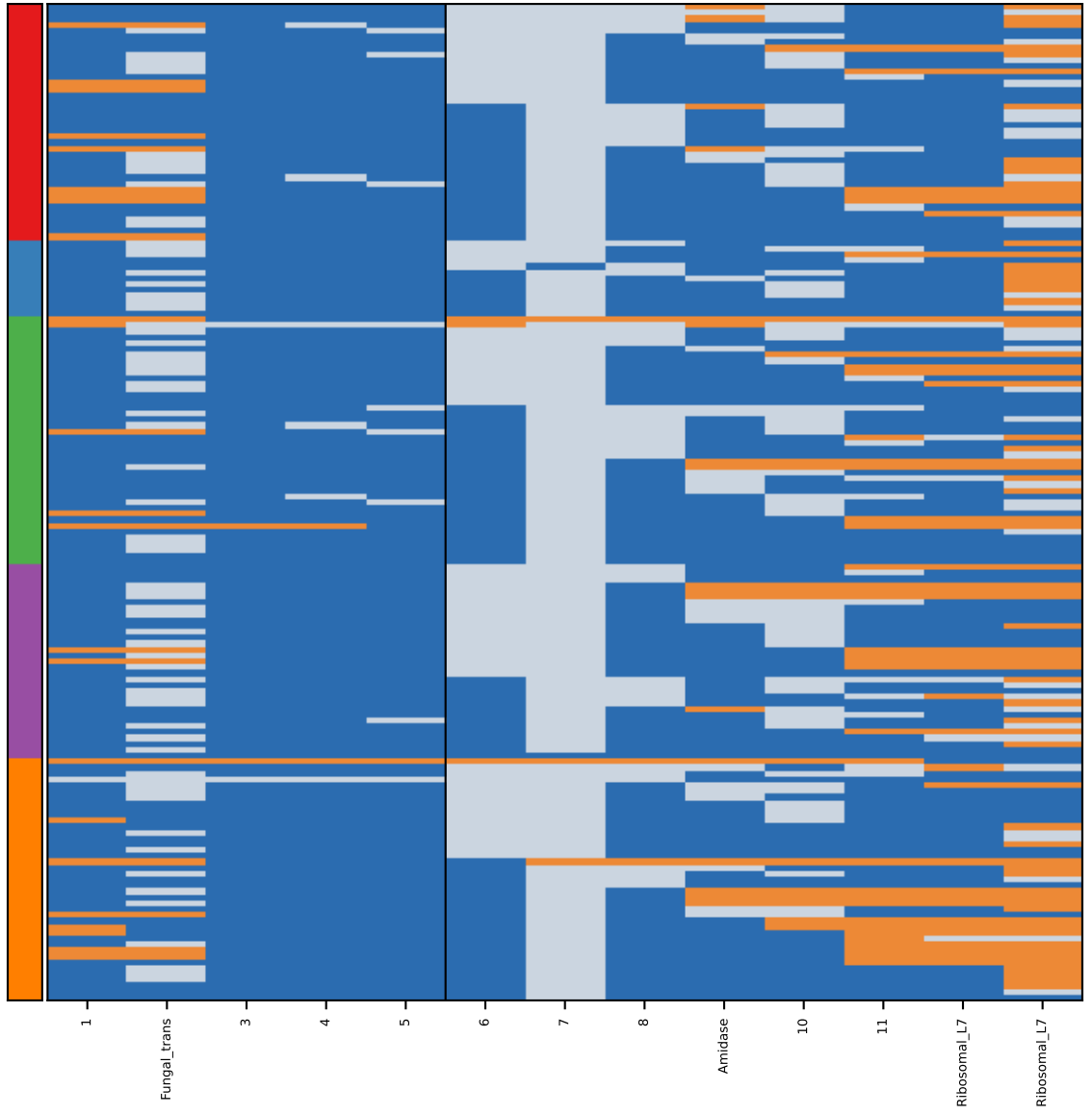


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

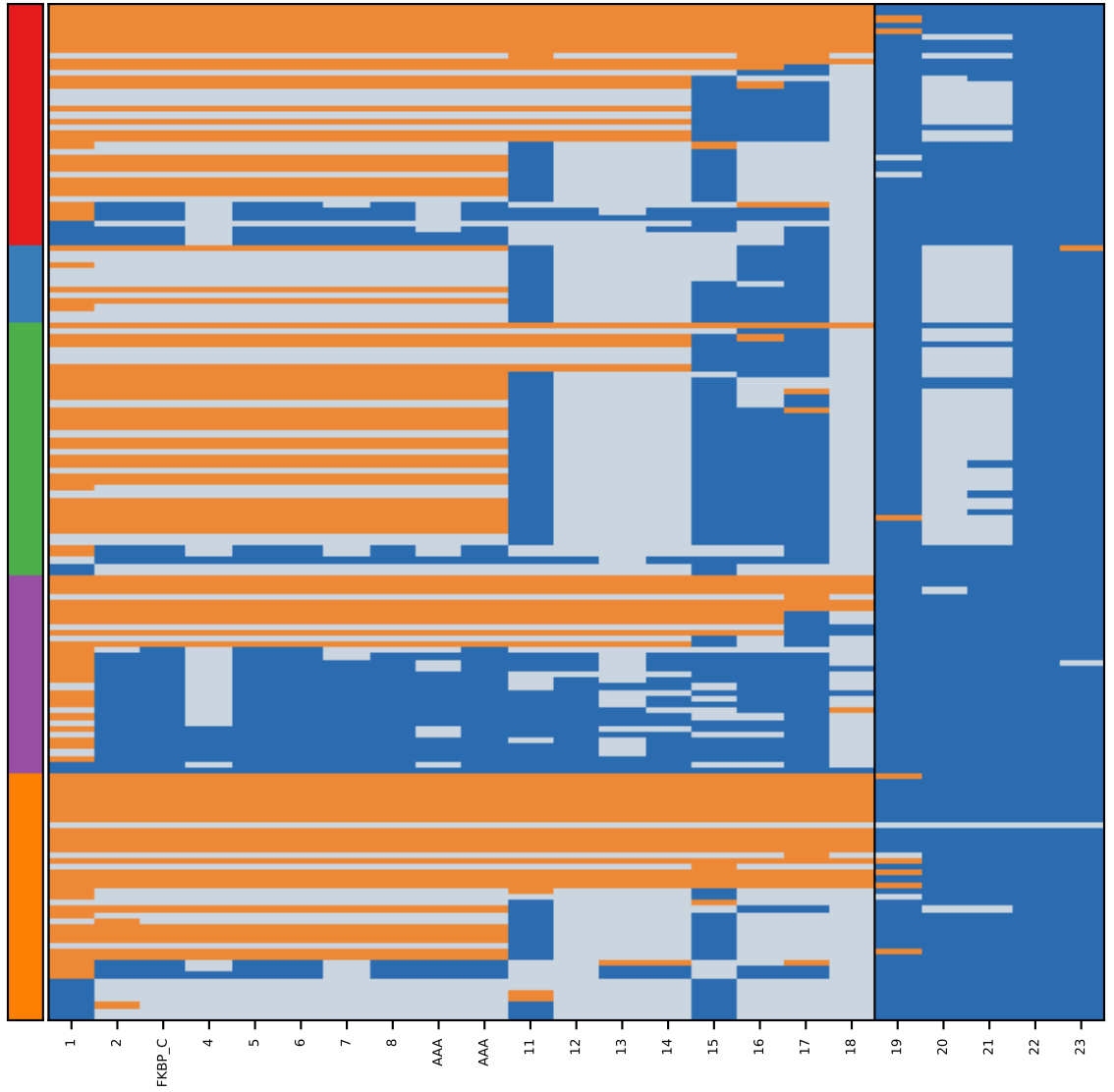
L172 11 genes content 0% of 169 strains type: unresolved



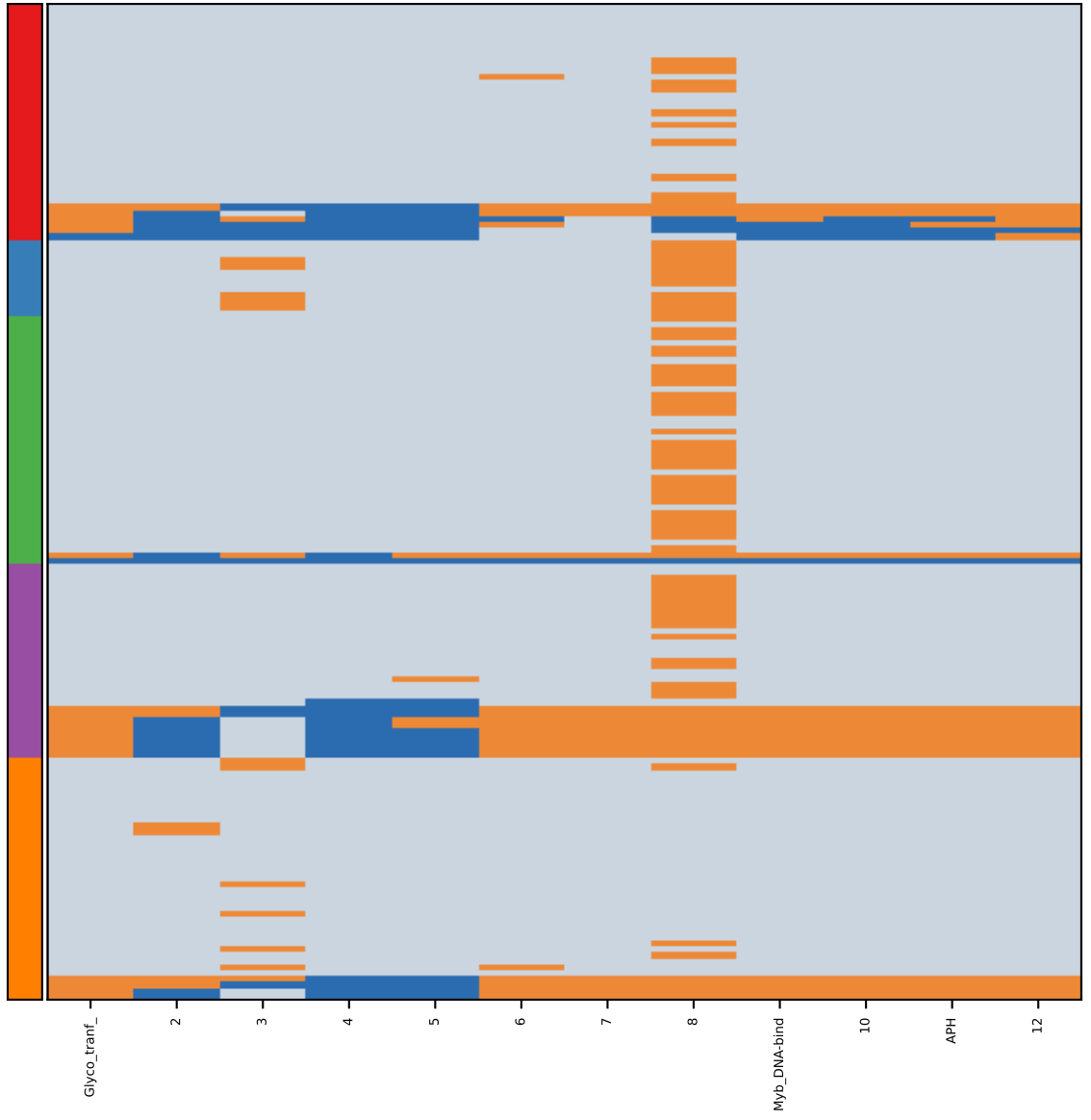
L173 8 genes content 76% of 169 strains type: content_variants



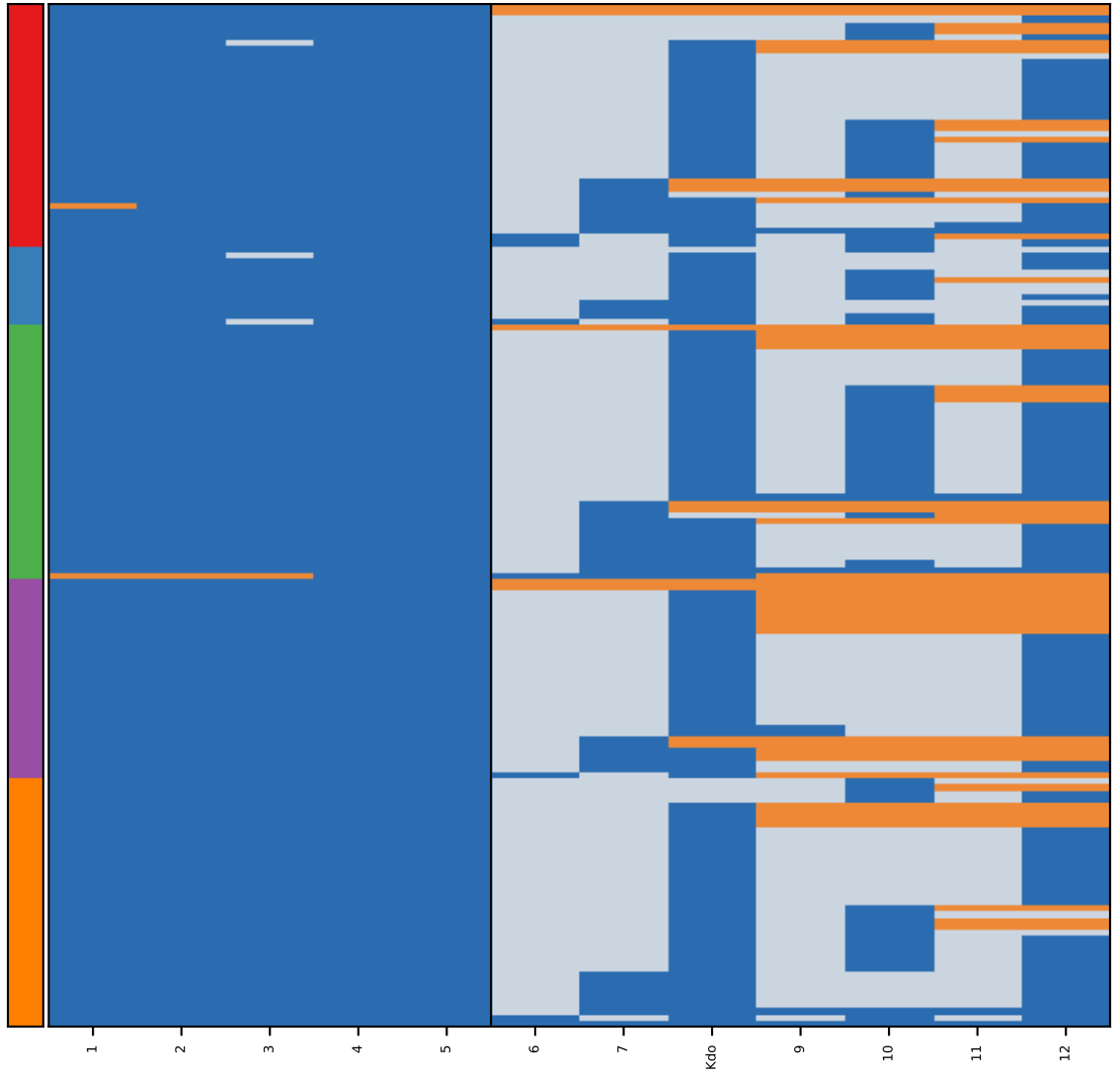
L174 18 genes content 17% of 169 strains type: unresolved



L175 12 genes content 3% of 169 strains type: unresolved

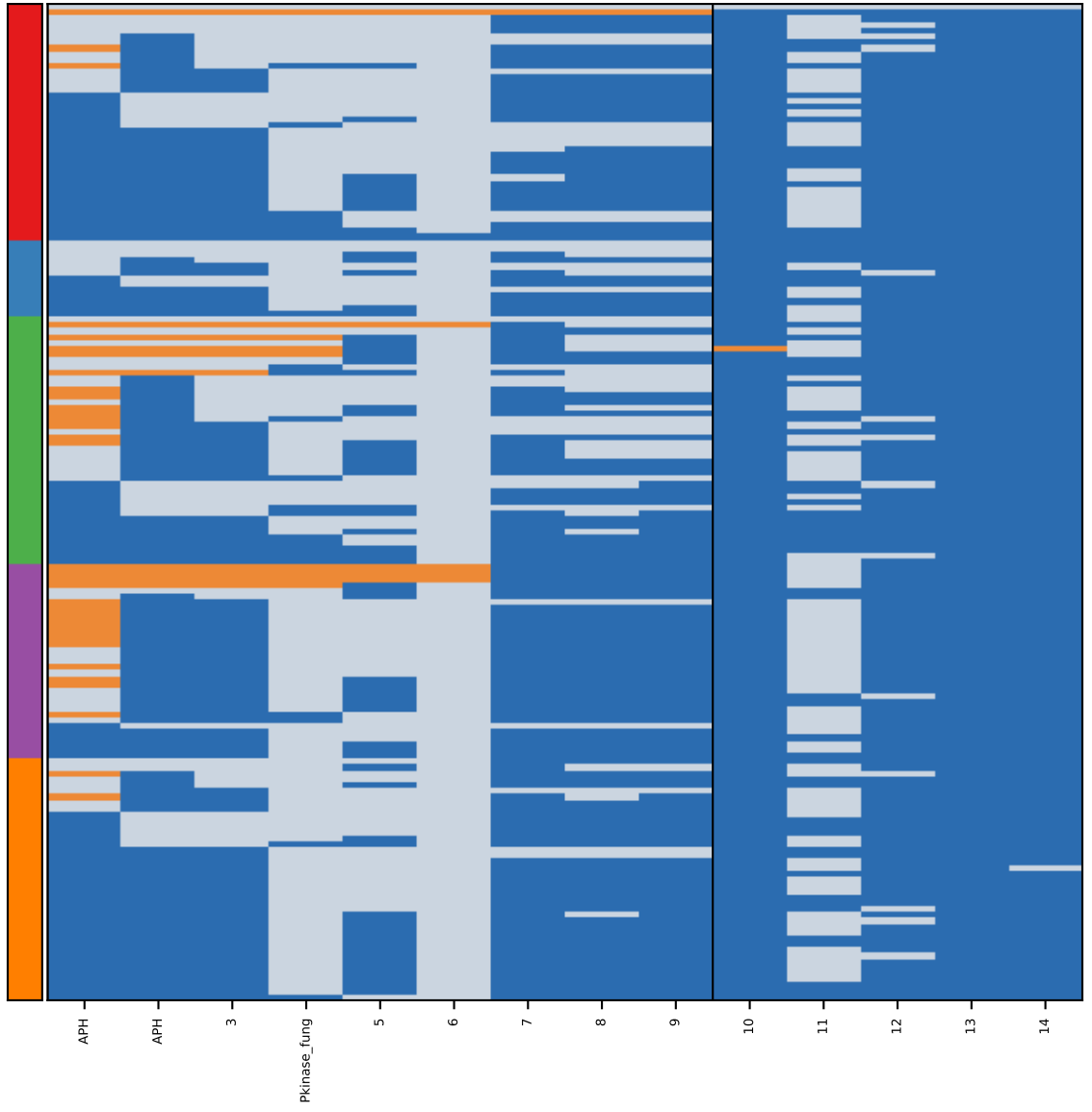


L176 7 genes content 7% of 169 strains type: unresolved

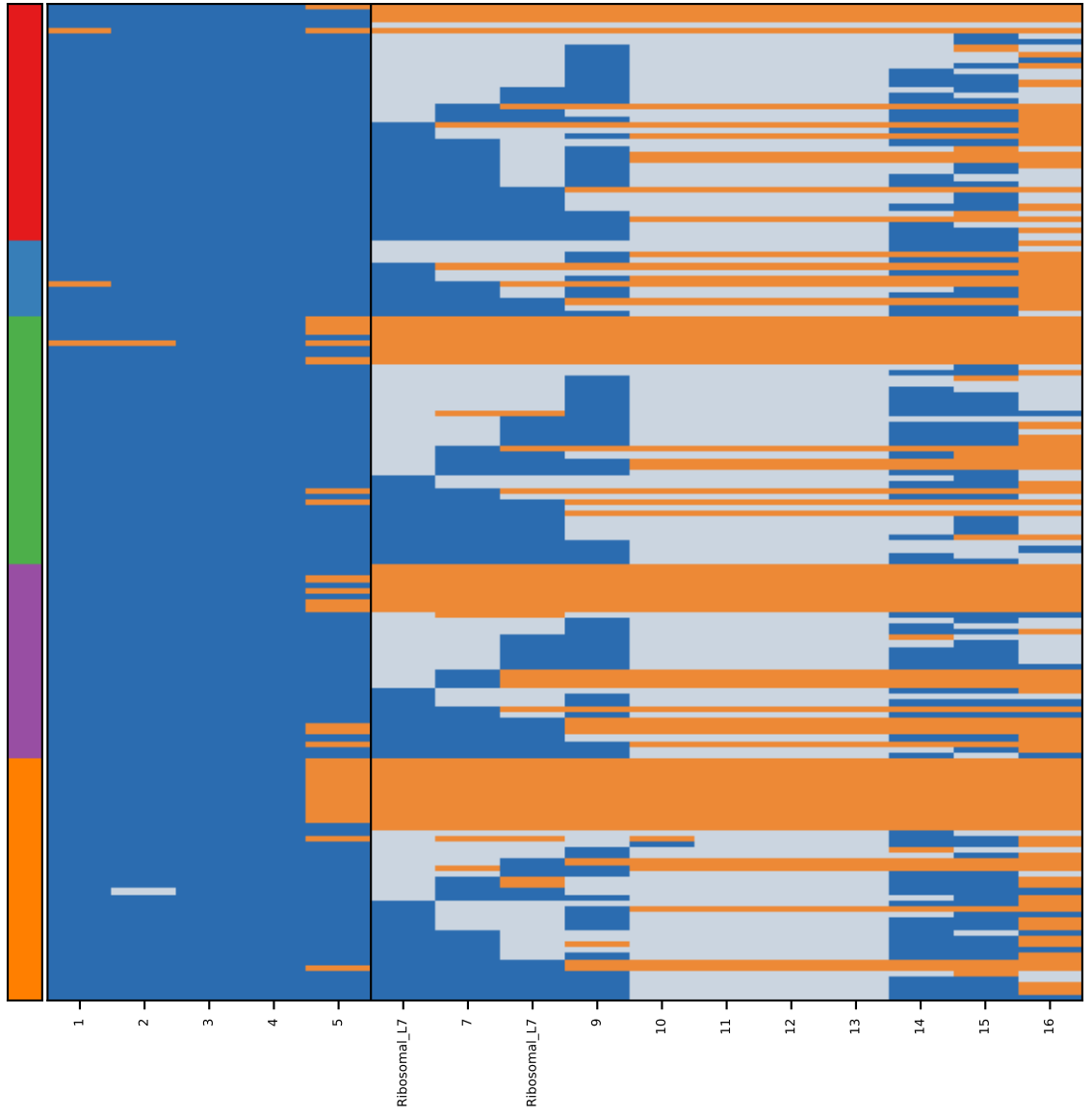


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

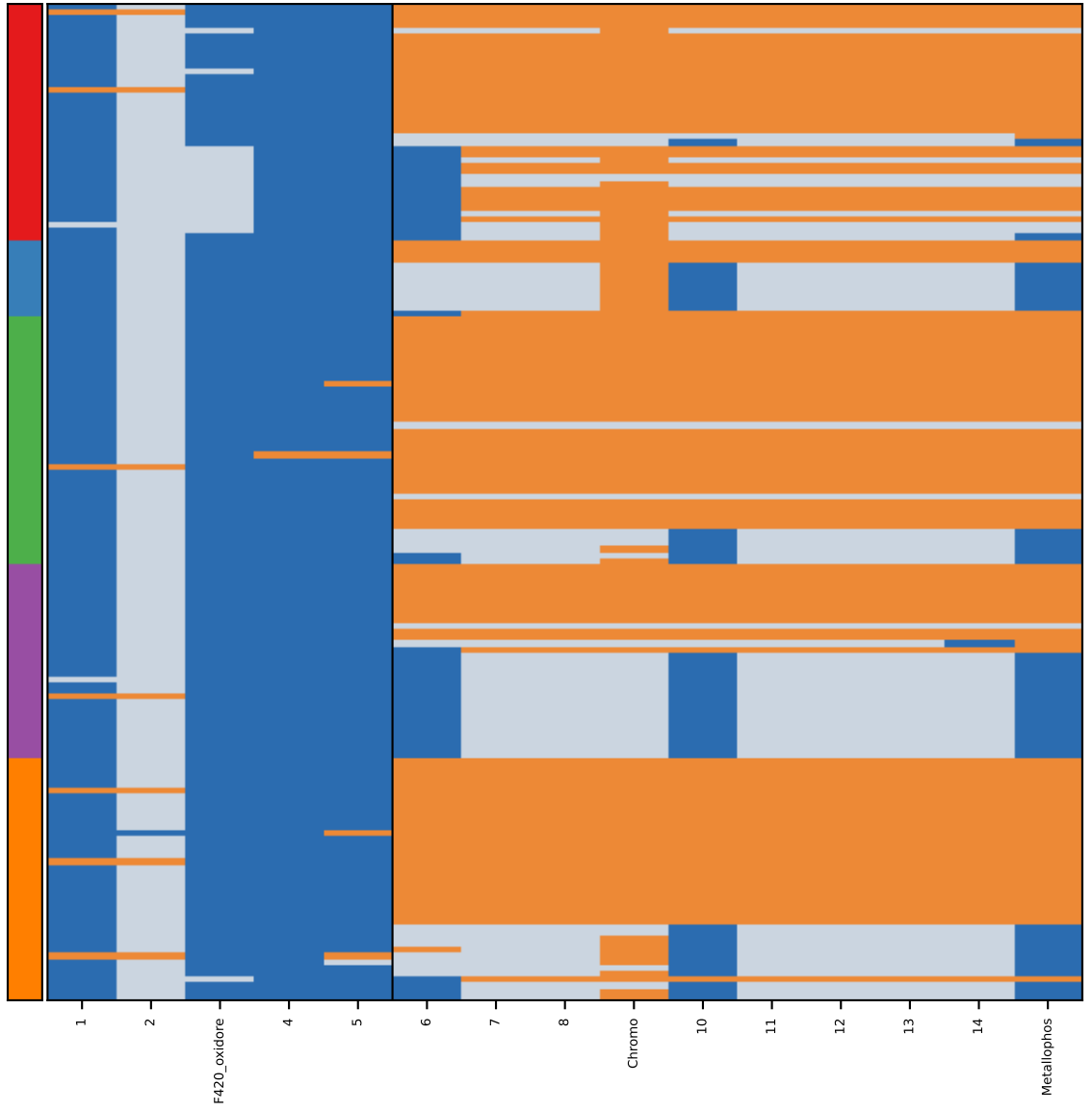
L177 9 genes content 55% of 169 strains type: content_variants



L178 11 genes content 6% of 169 strains type: unresolved

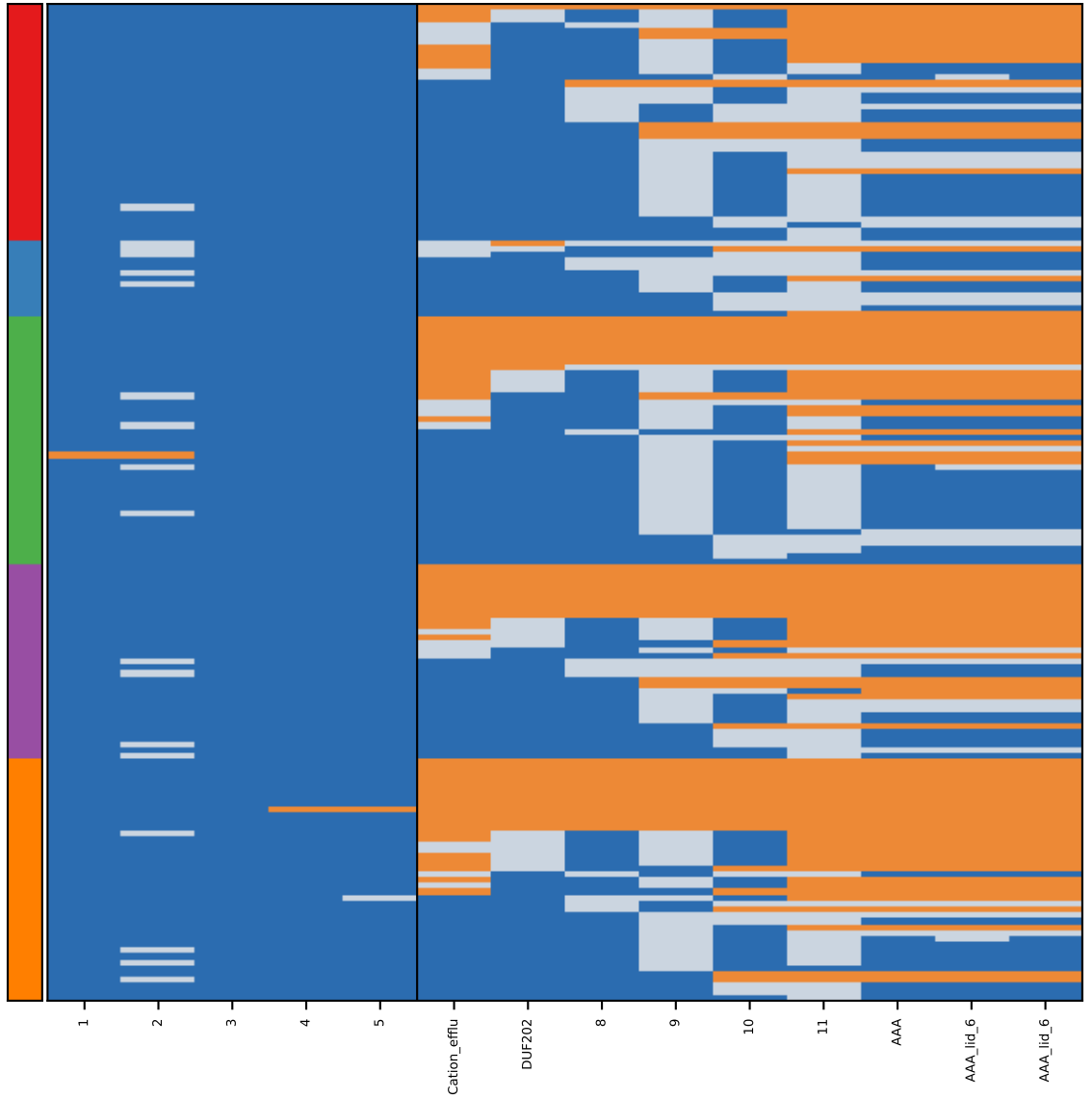


L179 10 genes content 0% of 169 strains type: unresolved

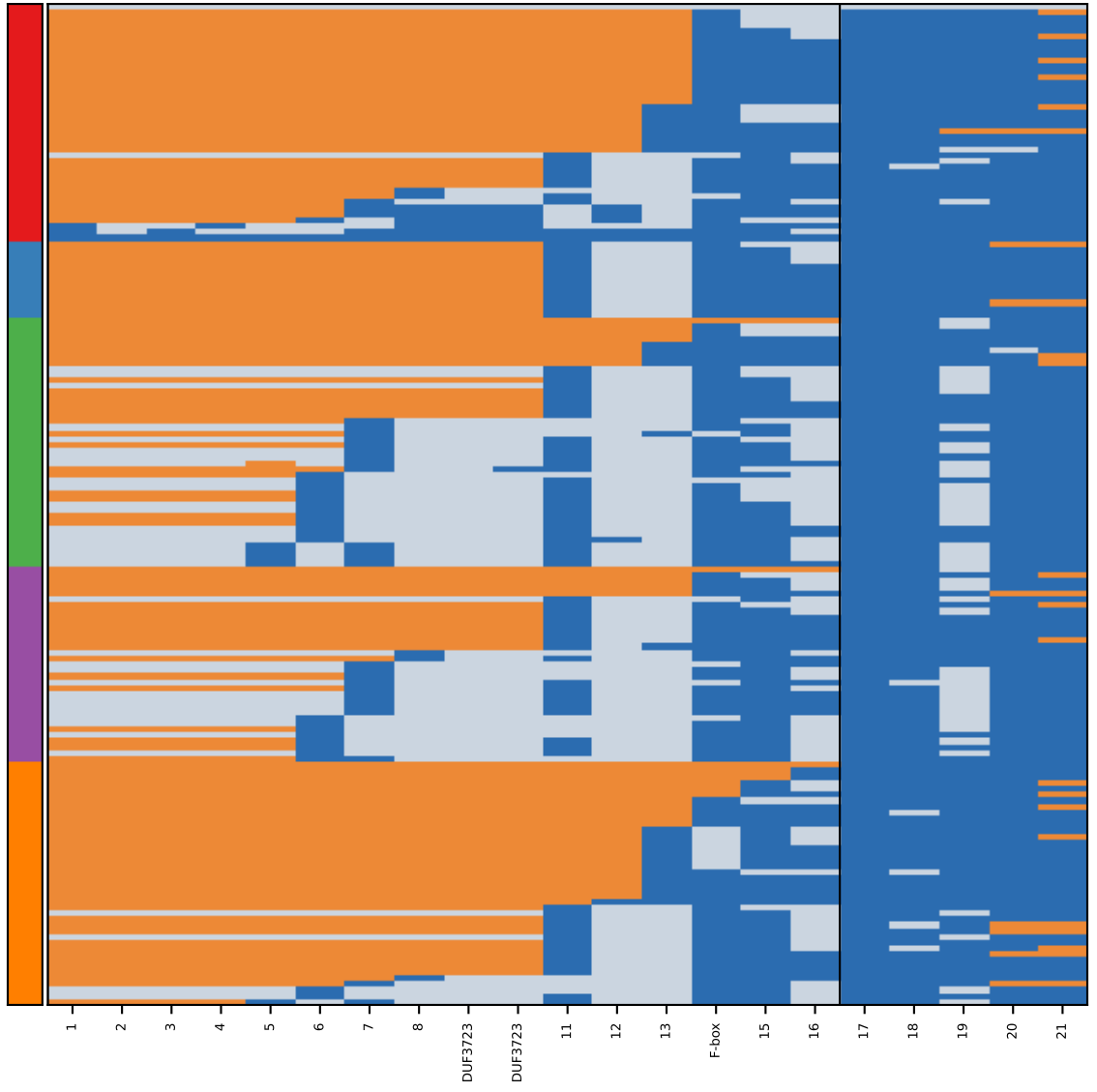


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

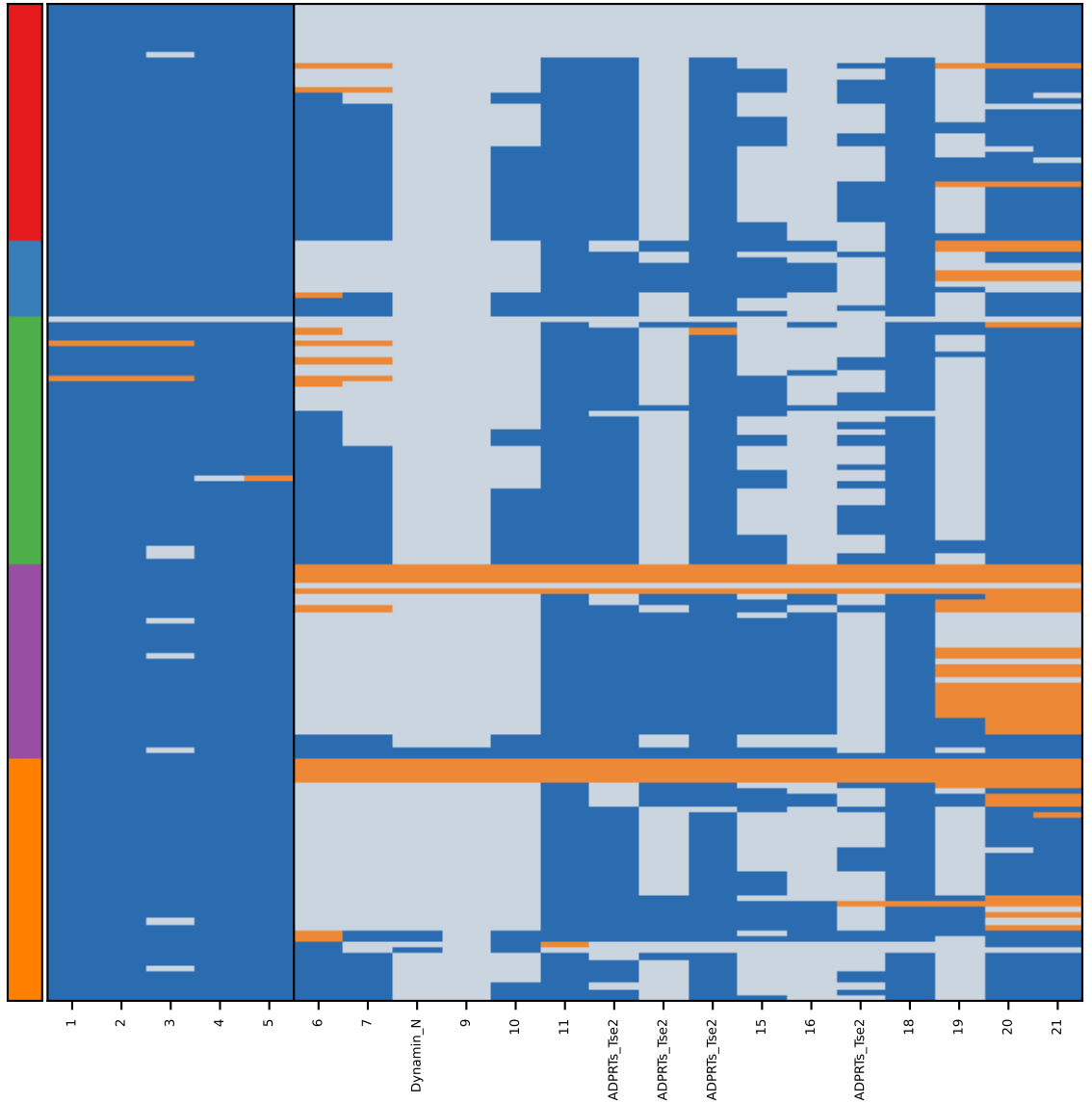
L180 9 genes content 38% of 169 strains type: unresolved



L181 16 genes content 3% of 169 strains type: unresolved

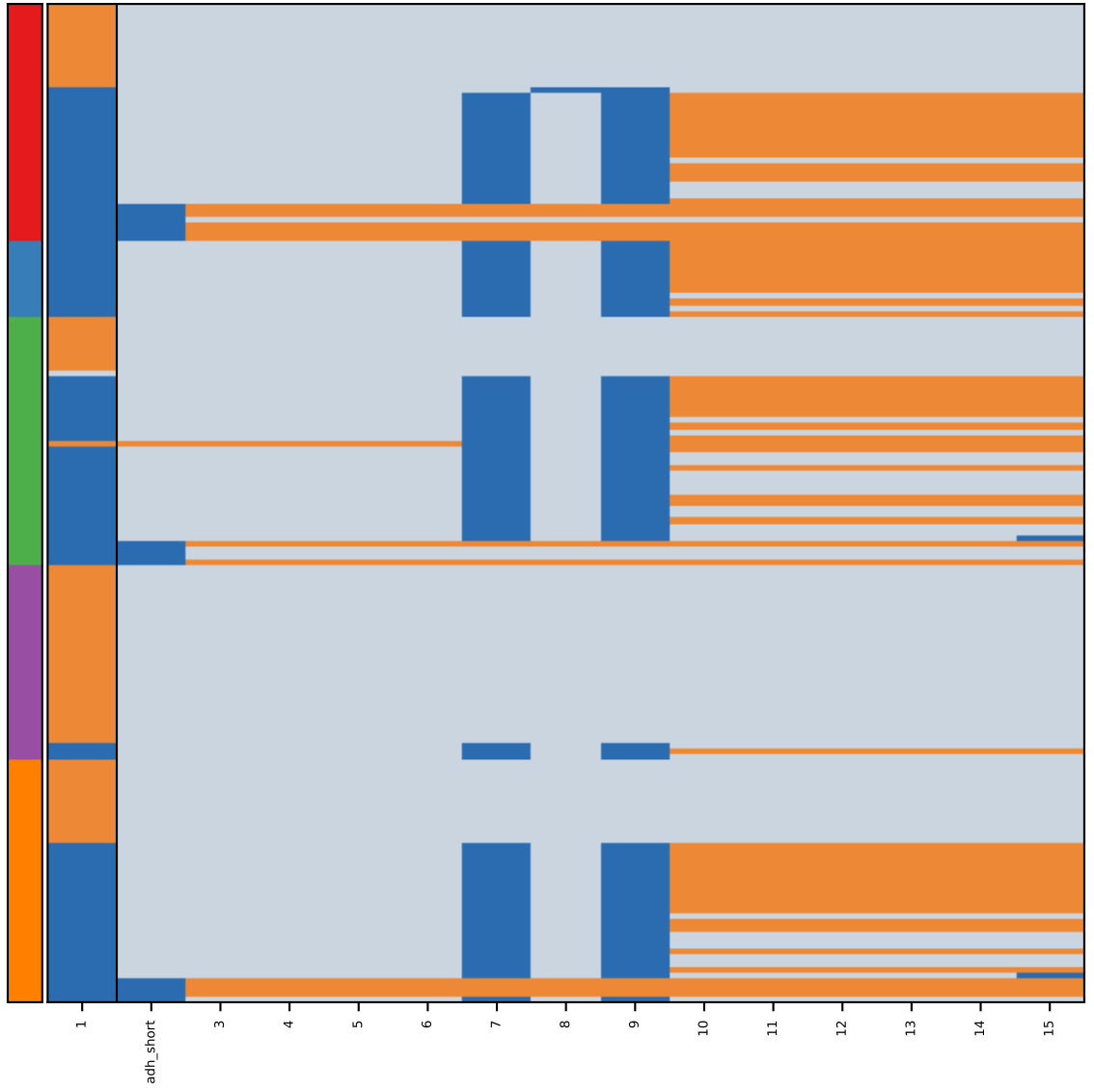


L182 16 genes content 47% of 169 strains type: unresolved



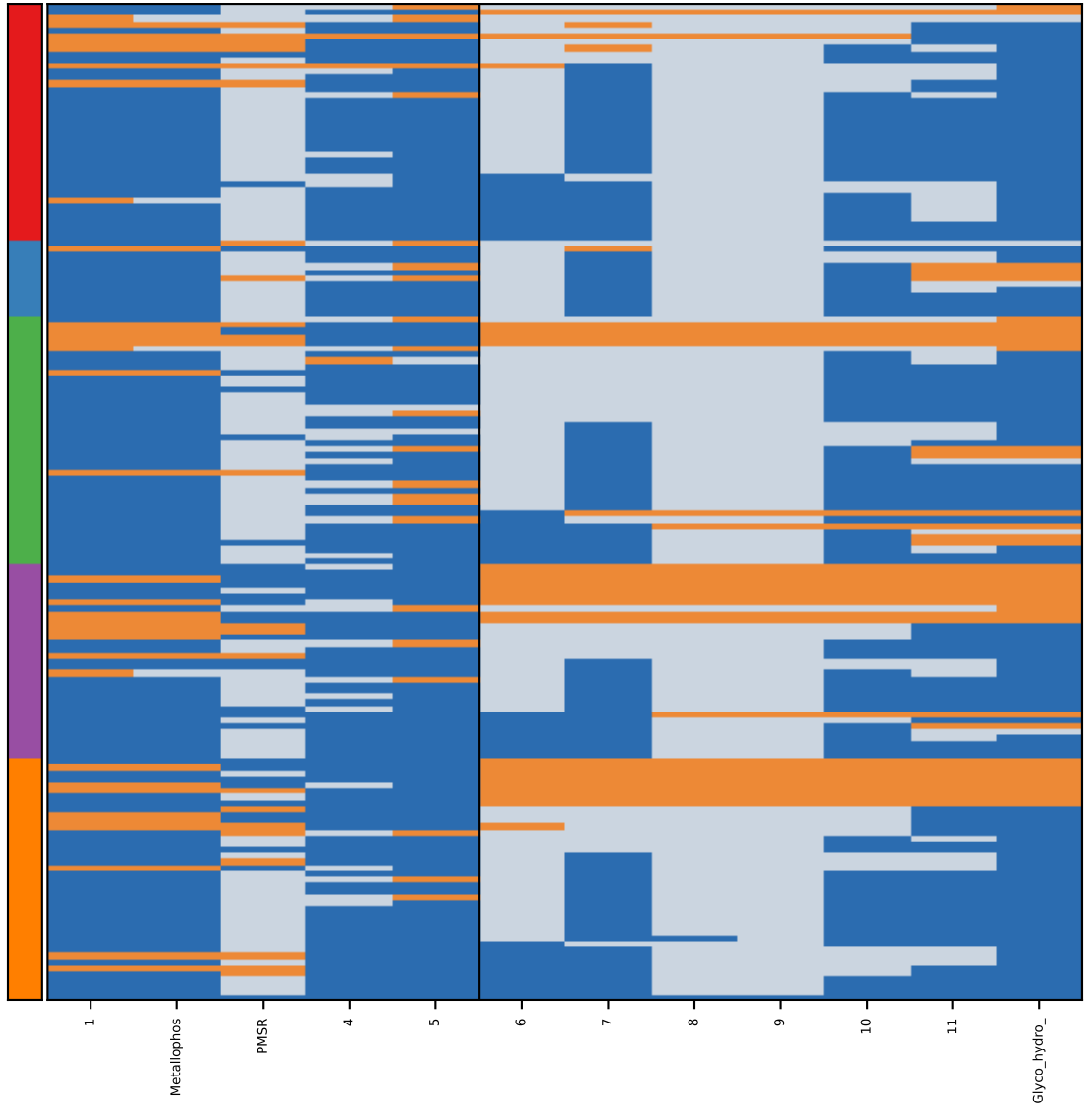
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L183 14 genes content 0% of 169 strains type: unresolved

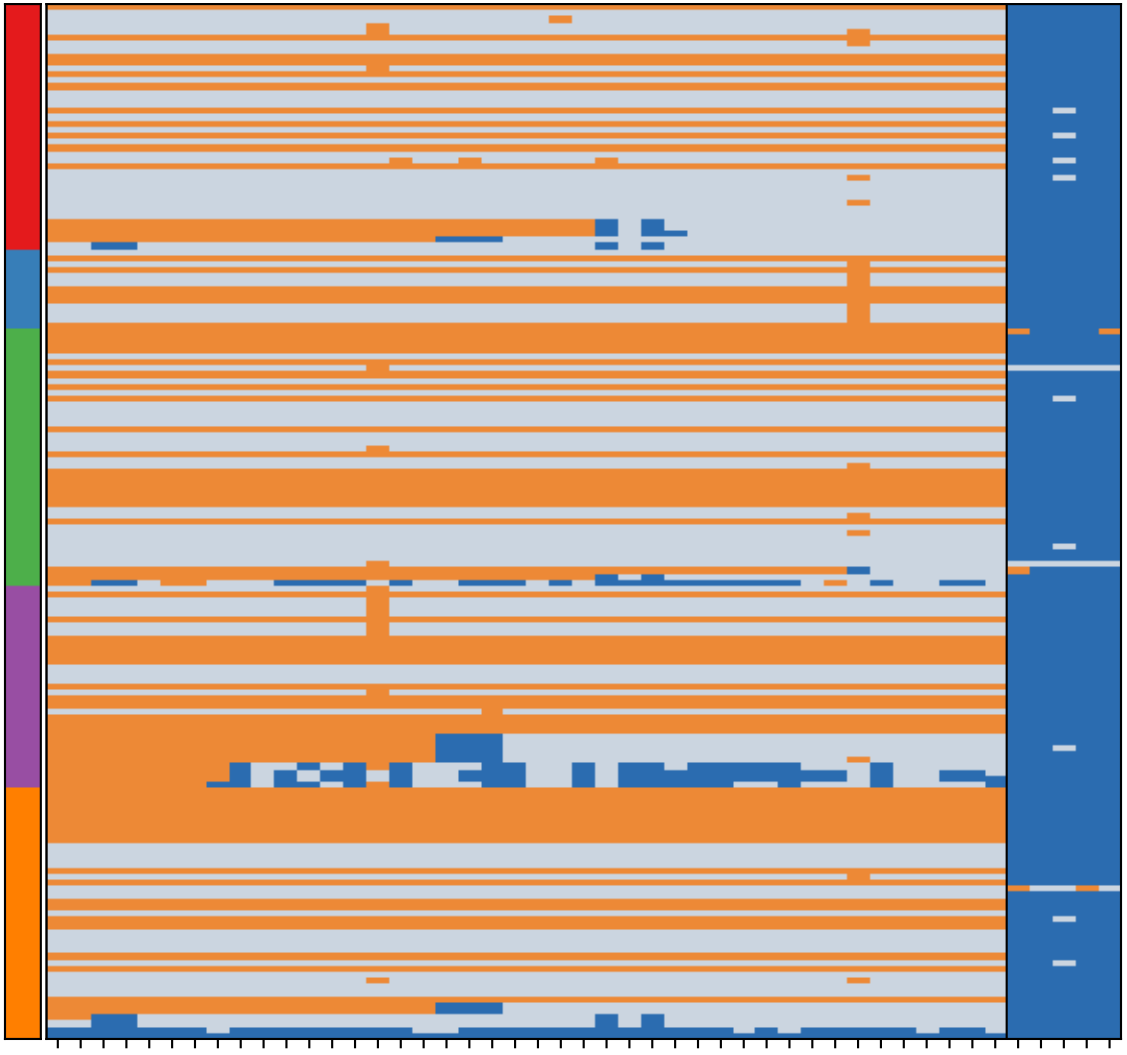


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L184 7 genes content 40% of 169 strains type: unresolved

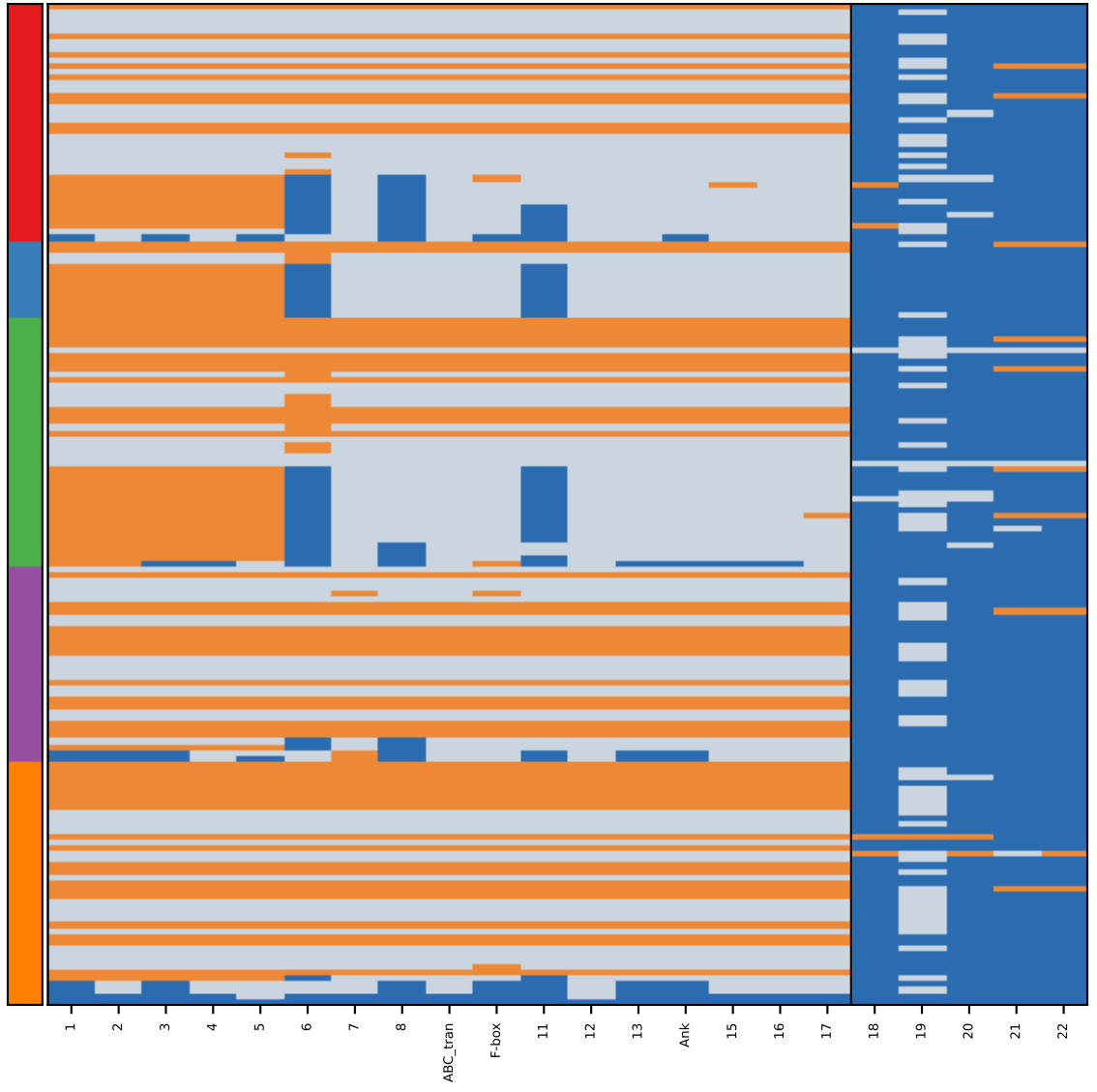


L185 42 genes content 3% of 169 strains type: unresolved

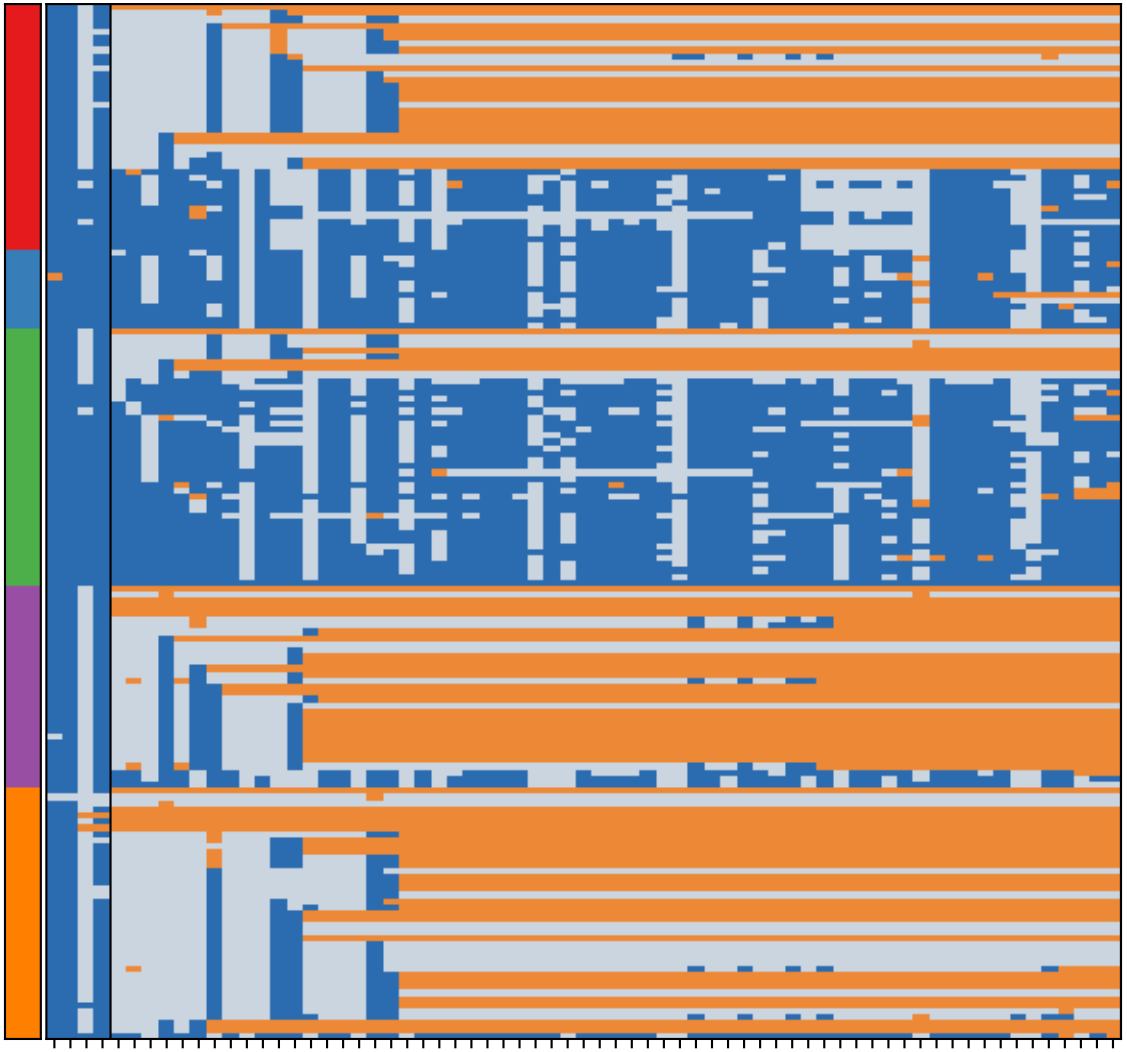


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L186 17 genes content 2% of 169 strains type: unresolved

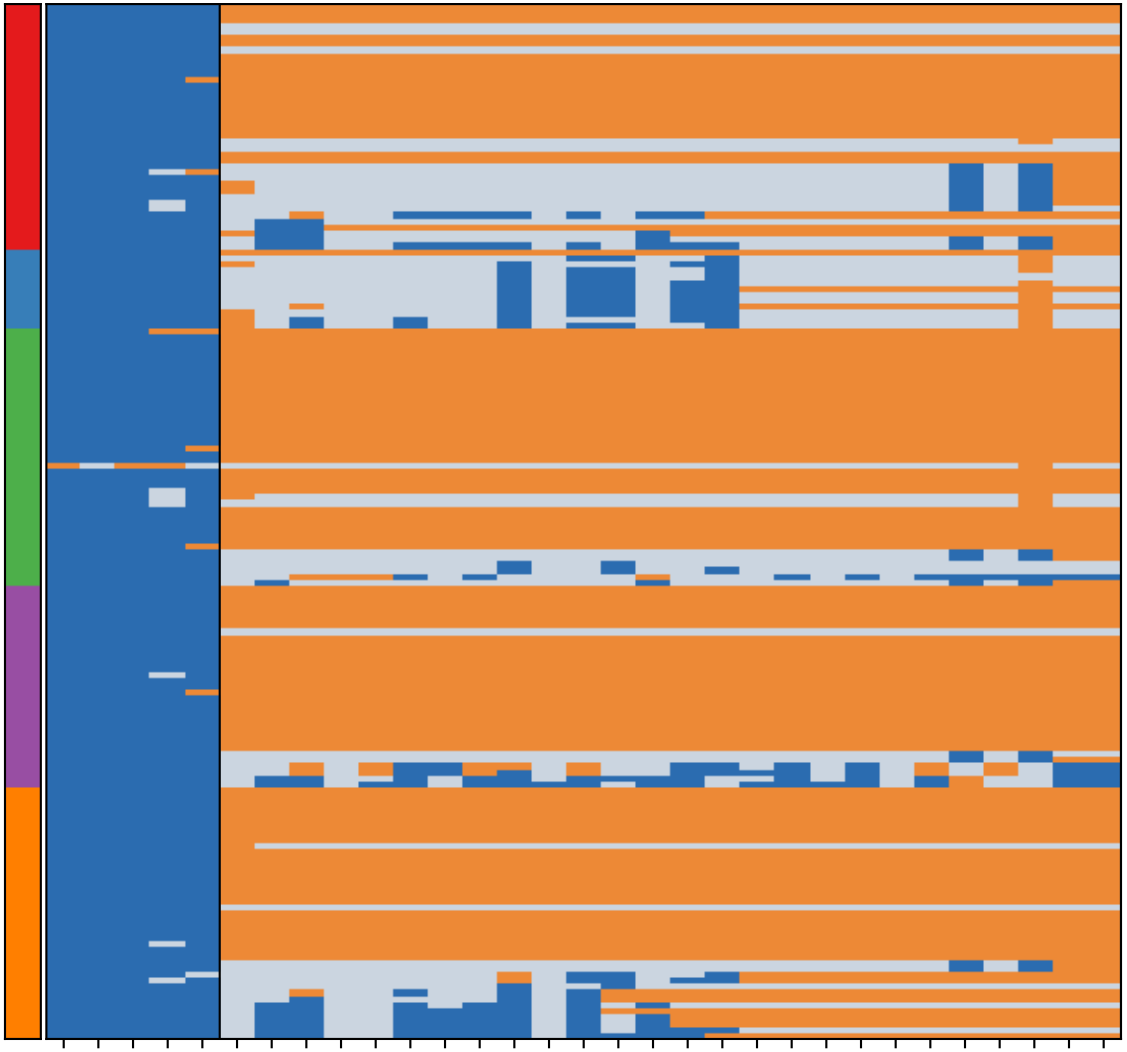


L187 63 genes content 37% of 169 strains type: unresolved



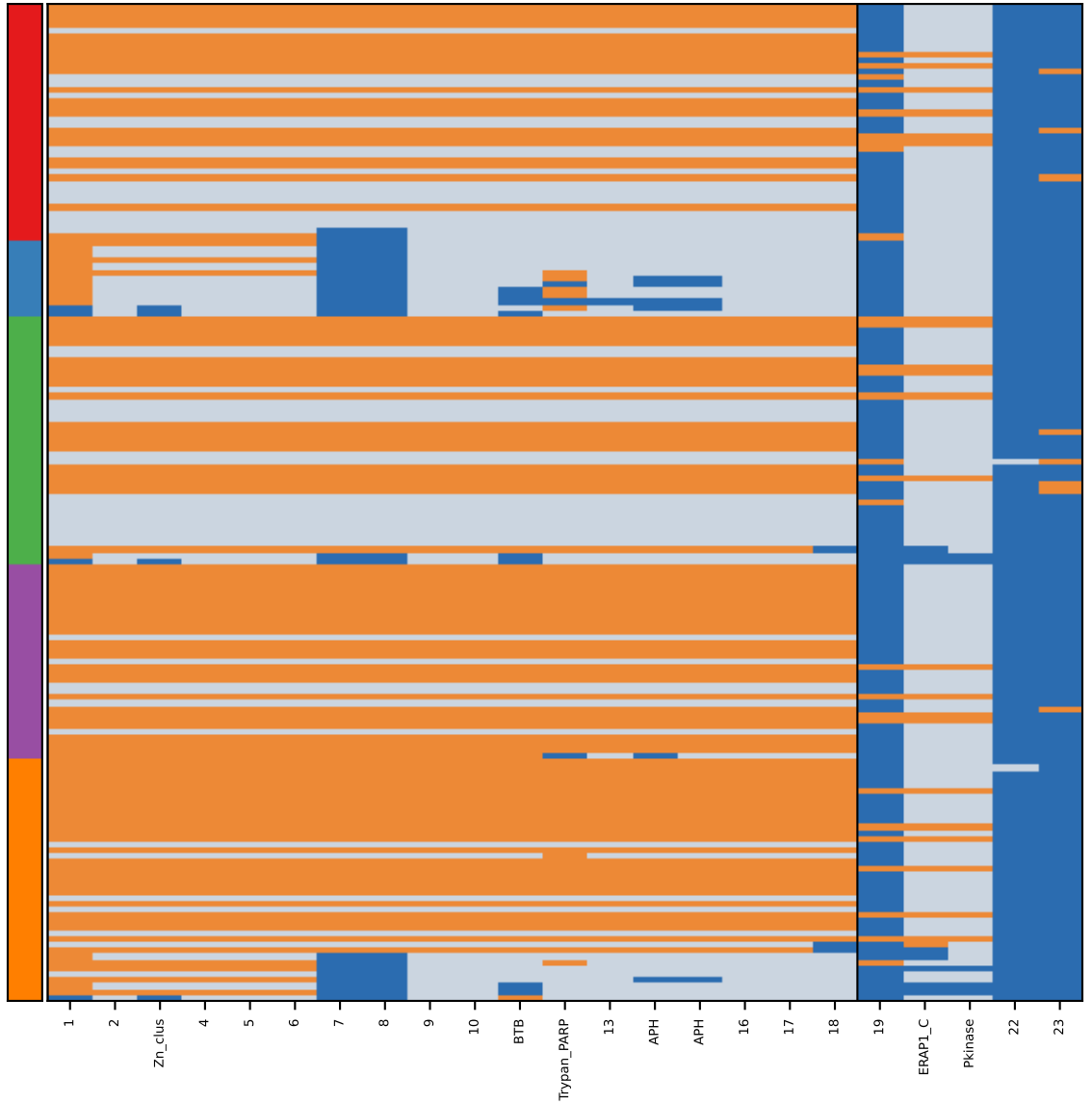
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L188 26 genes content 1% of 169 strains type: unresolved



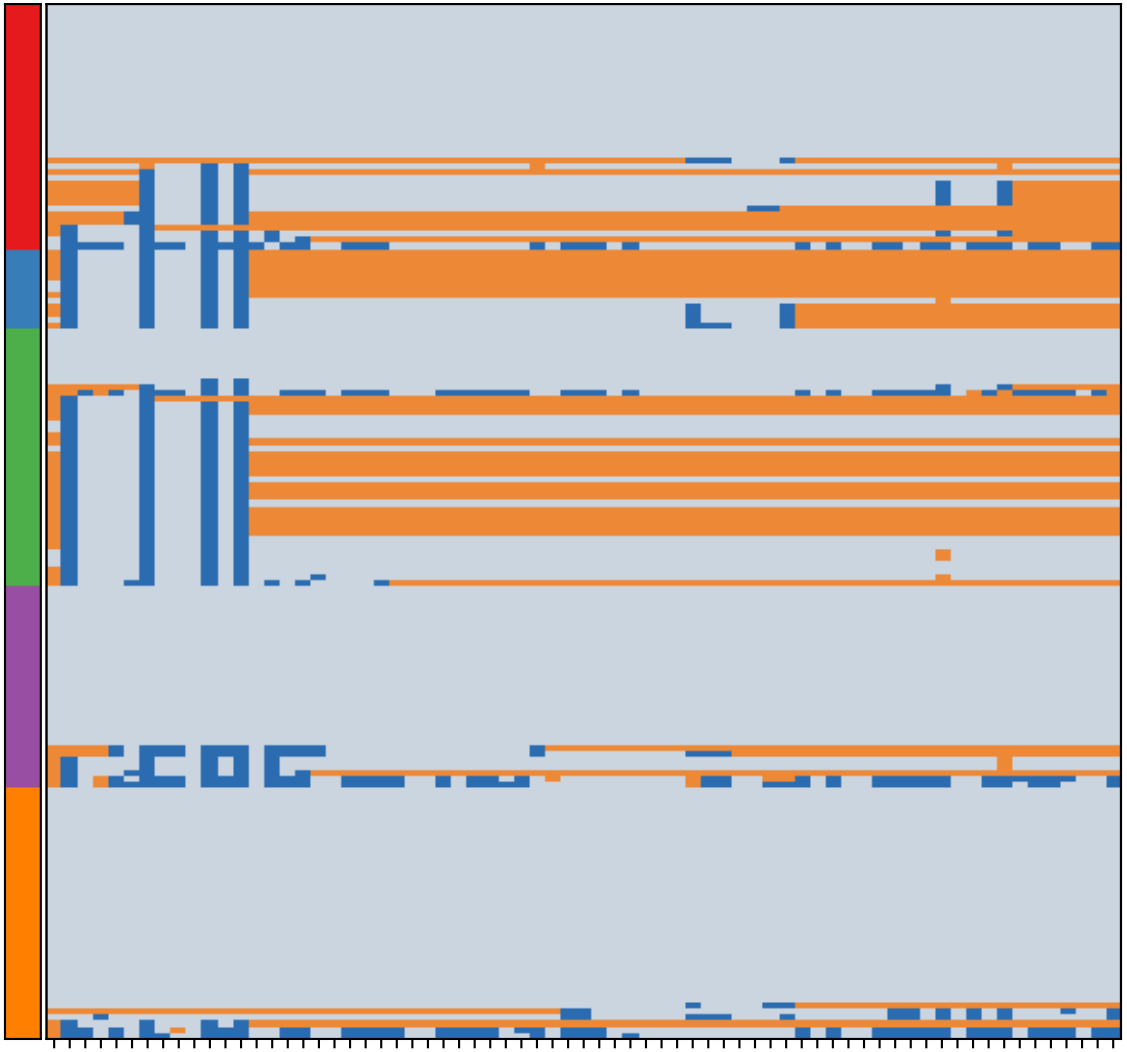
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L189 18 genes content 0% of 169 strains type: unresolved



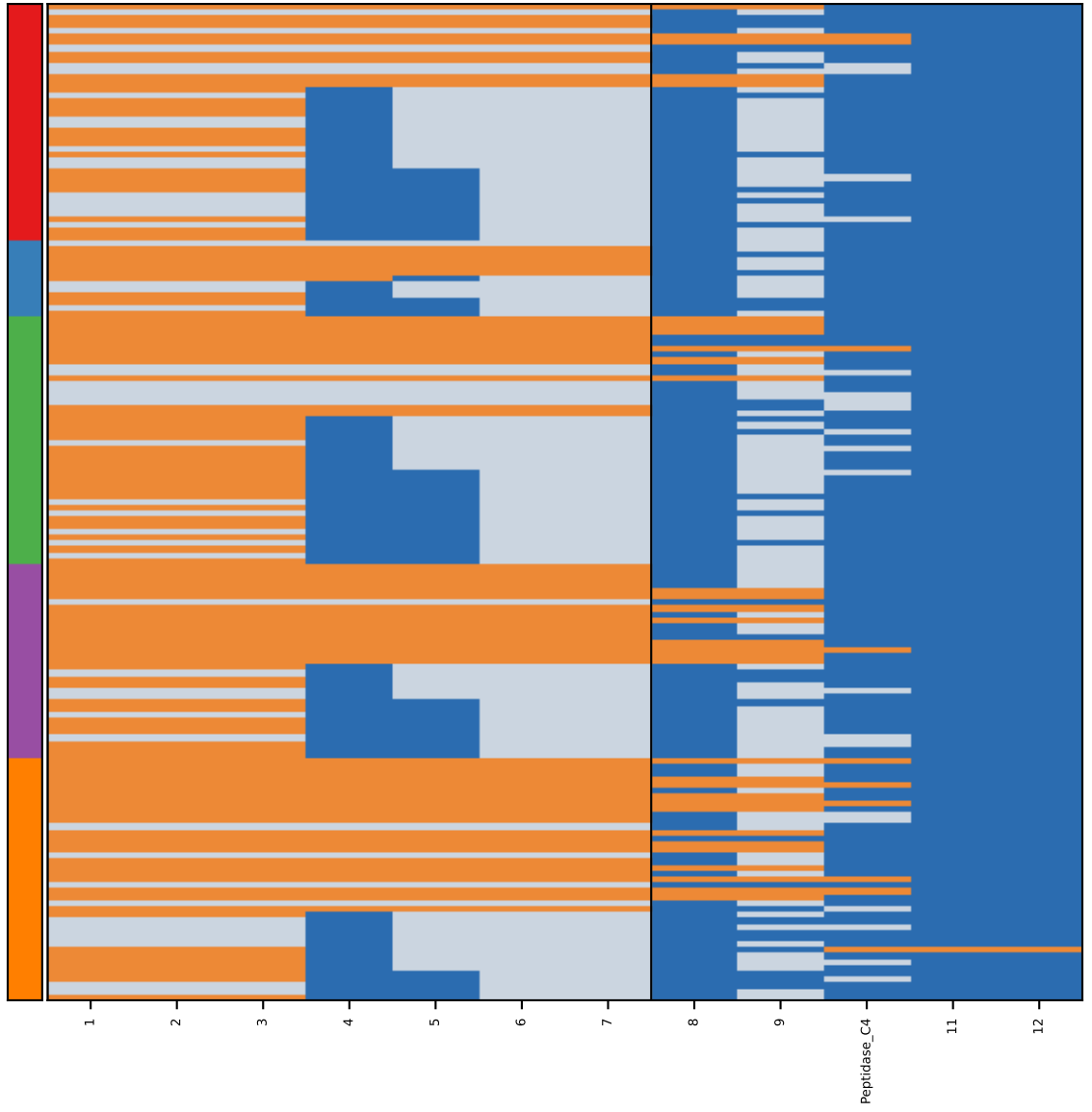
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L190 69 genes content 3% of 169 strains type: unresolved



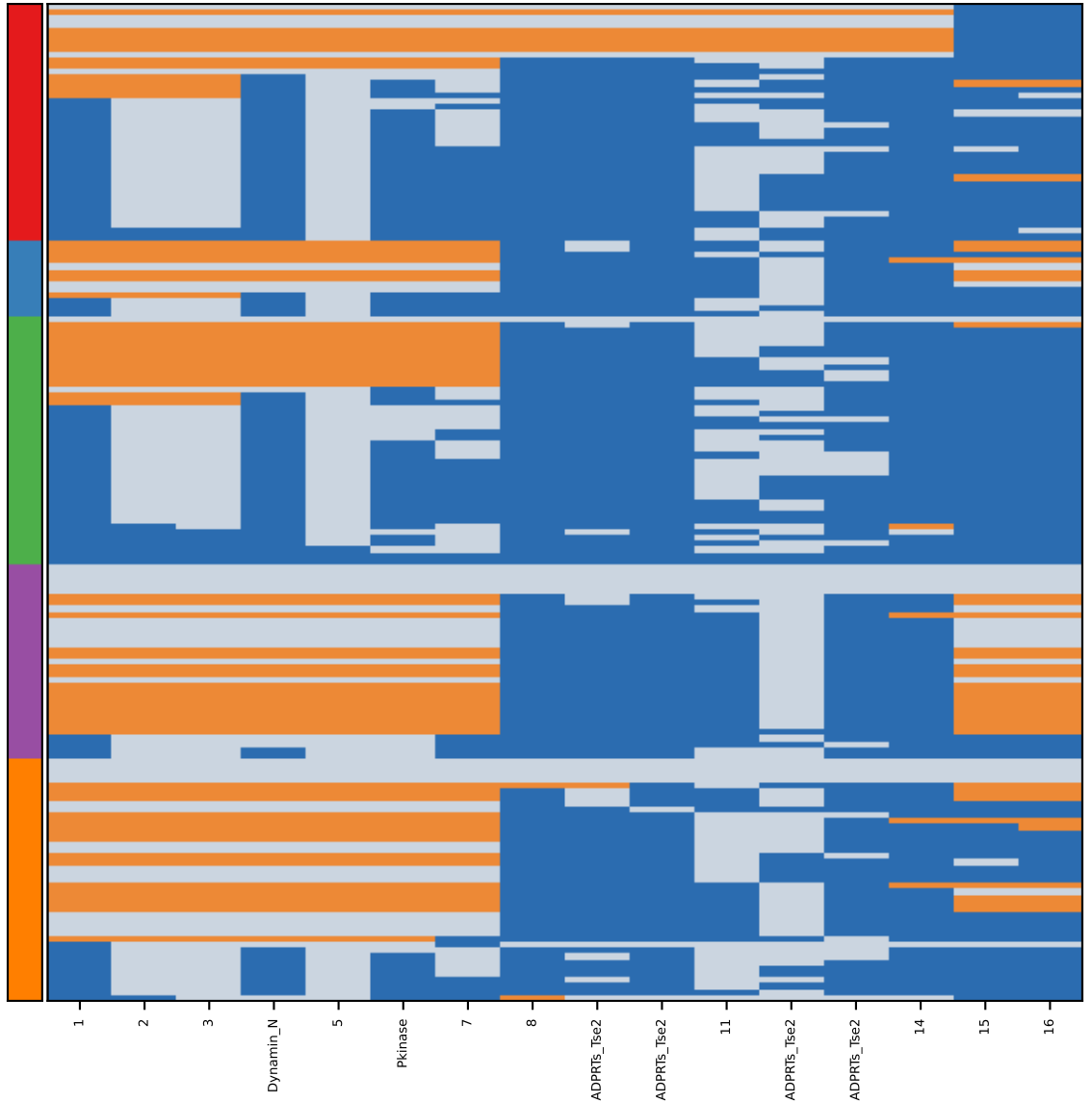
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L191 7 genes content 0% of 169 strains type: unresolved

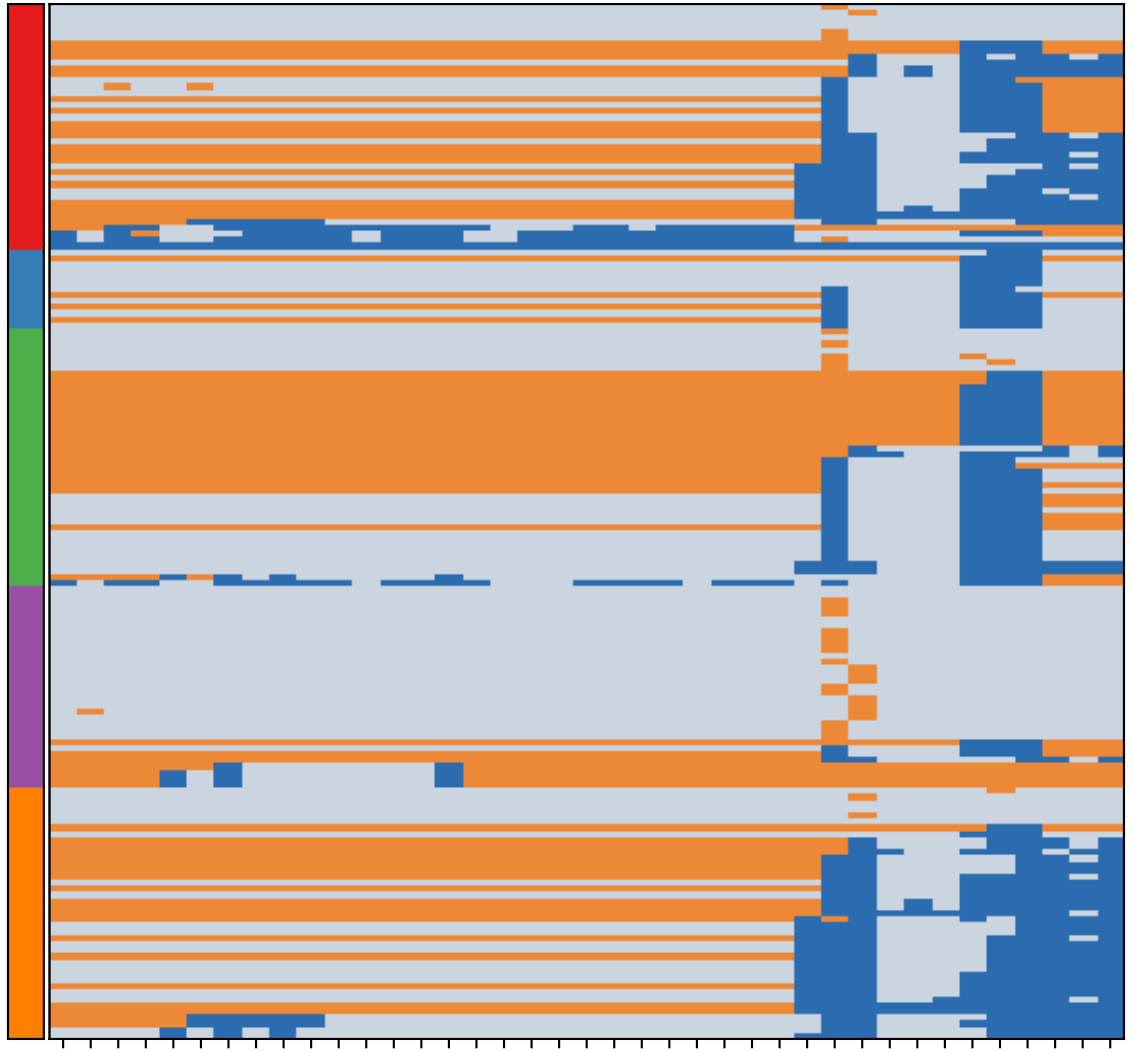


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L192 16 genes content 55% of 169 strains type: unresolved

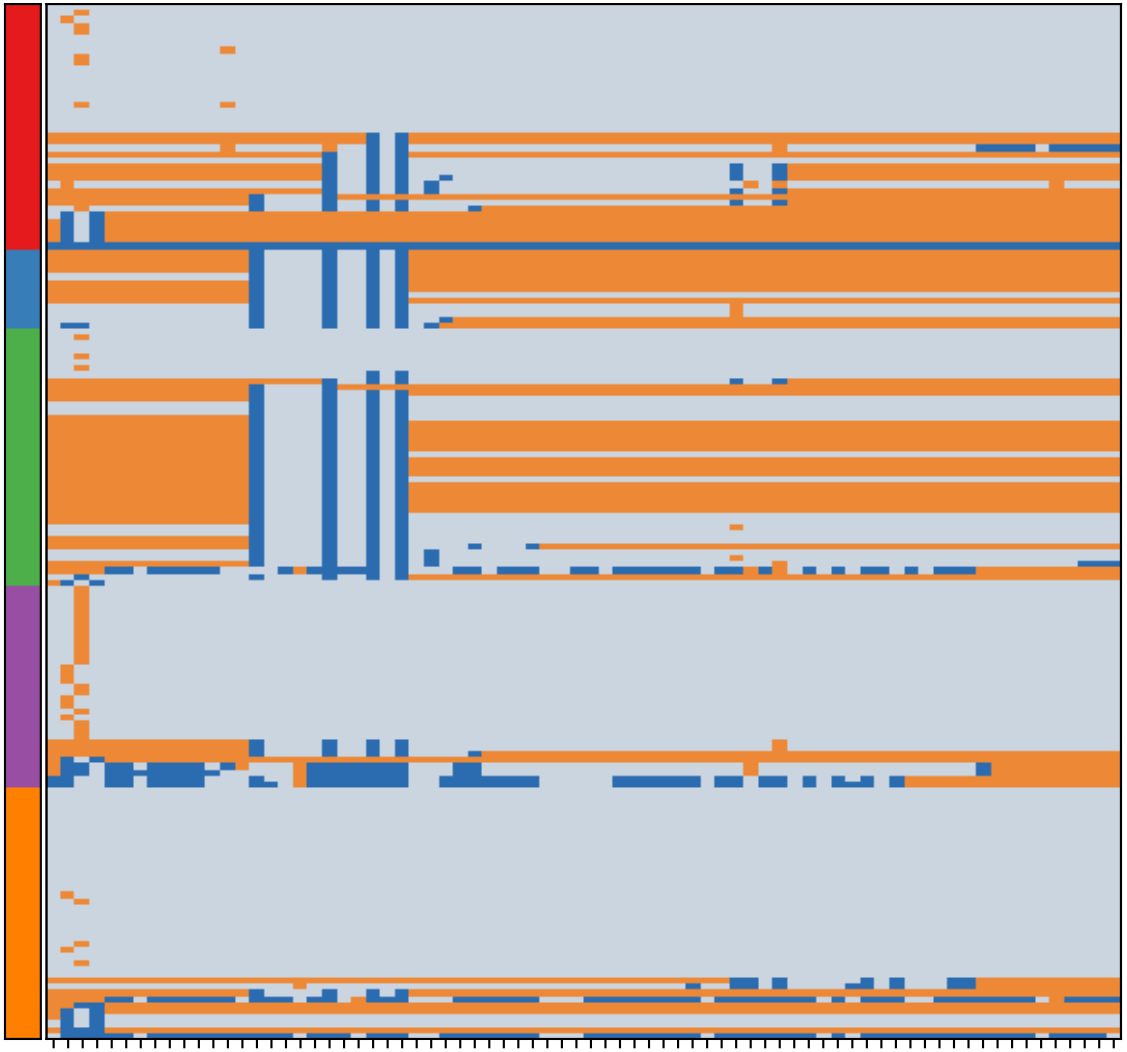


L193 39 genes content 2% of 169 strains type: unresolved



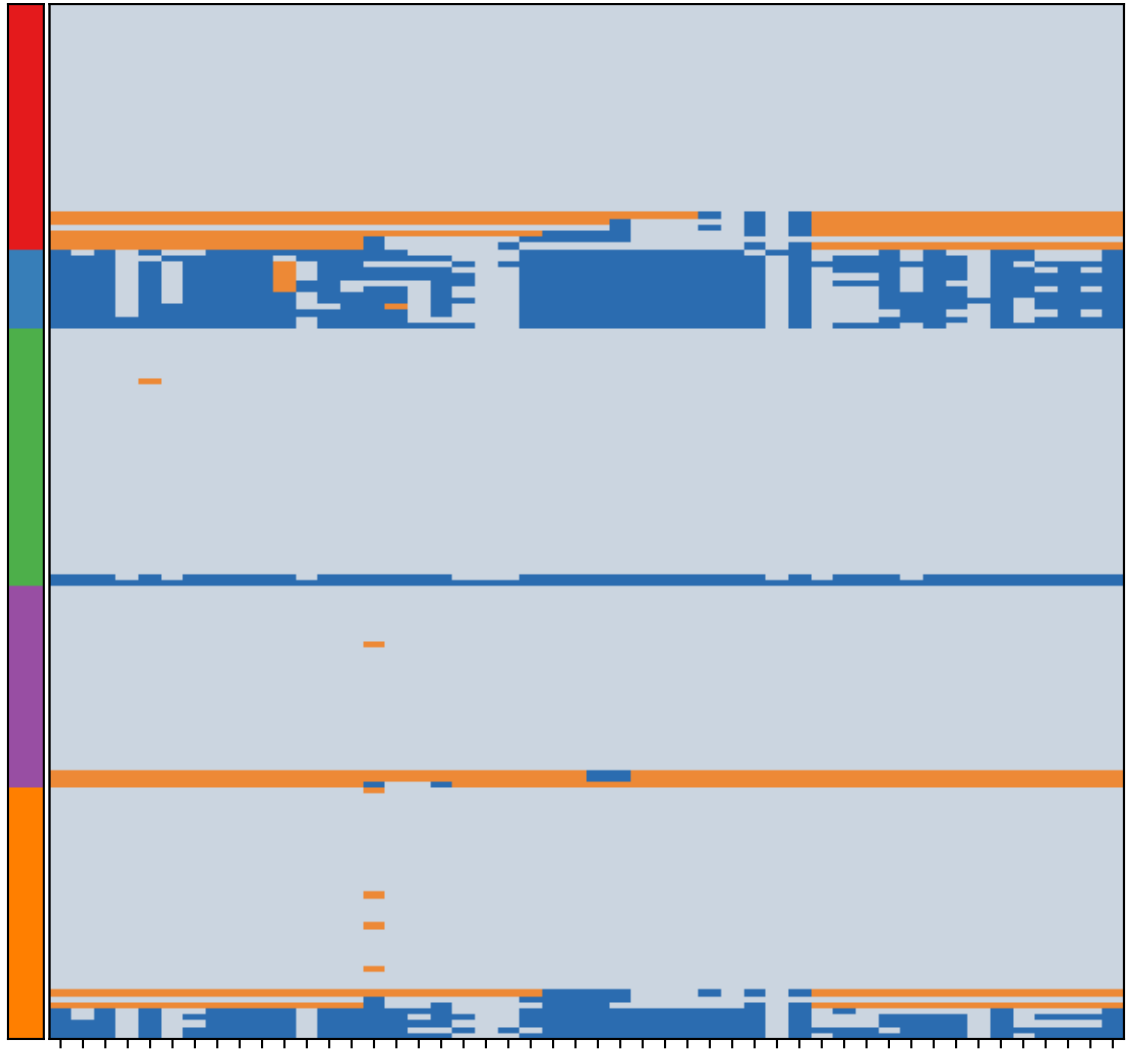
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L194 74 genes content 4% of 169 strains type: unresolved



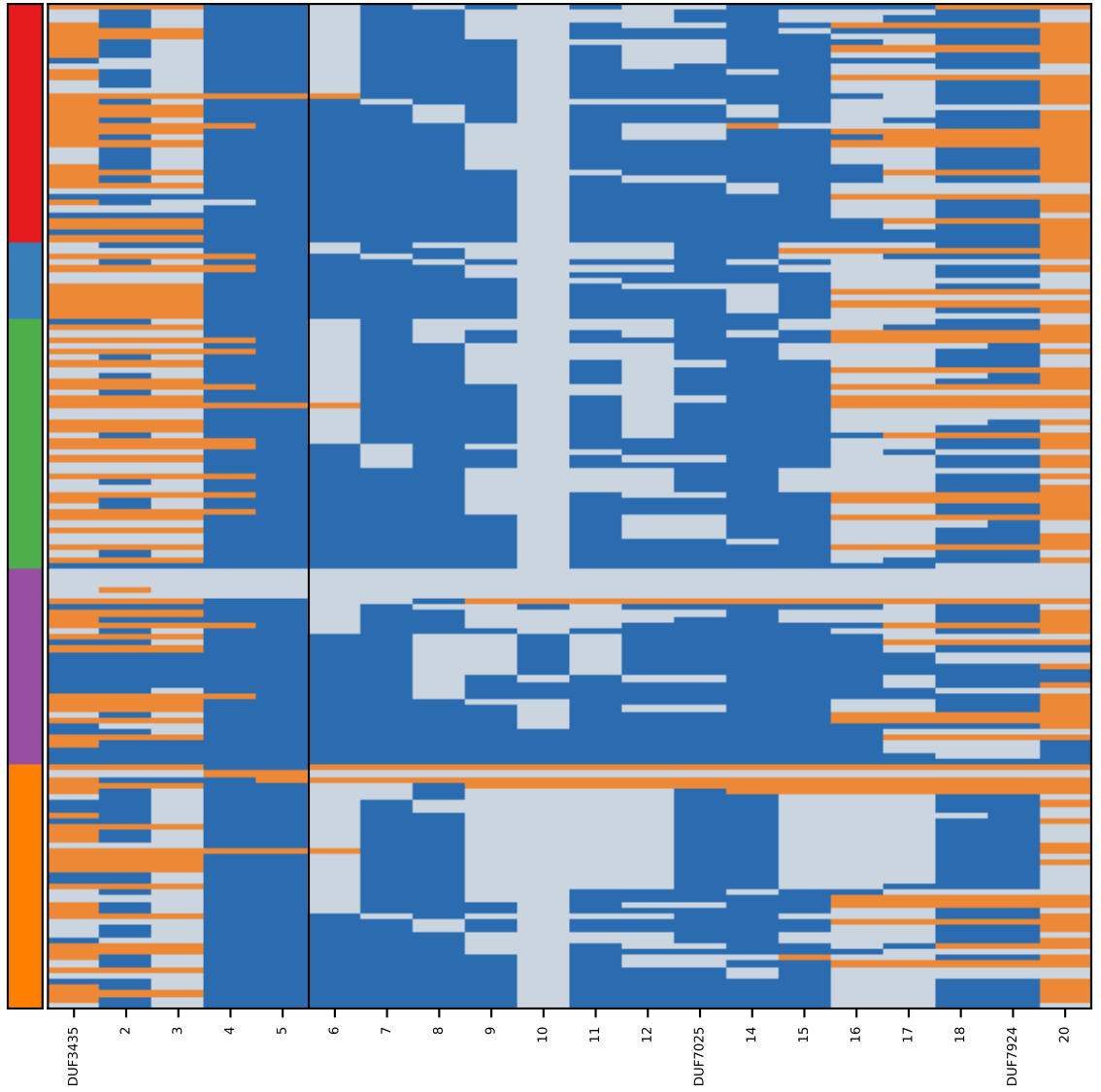
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L195 48 genes content 12% of 169 strains type: unresolved



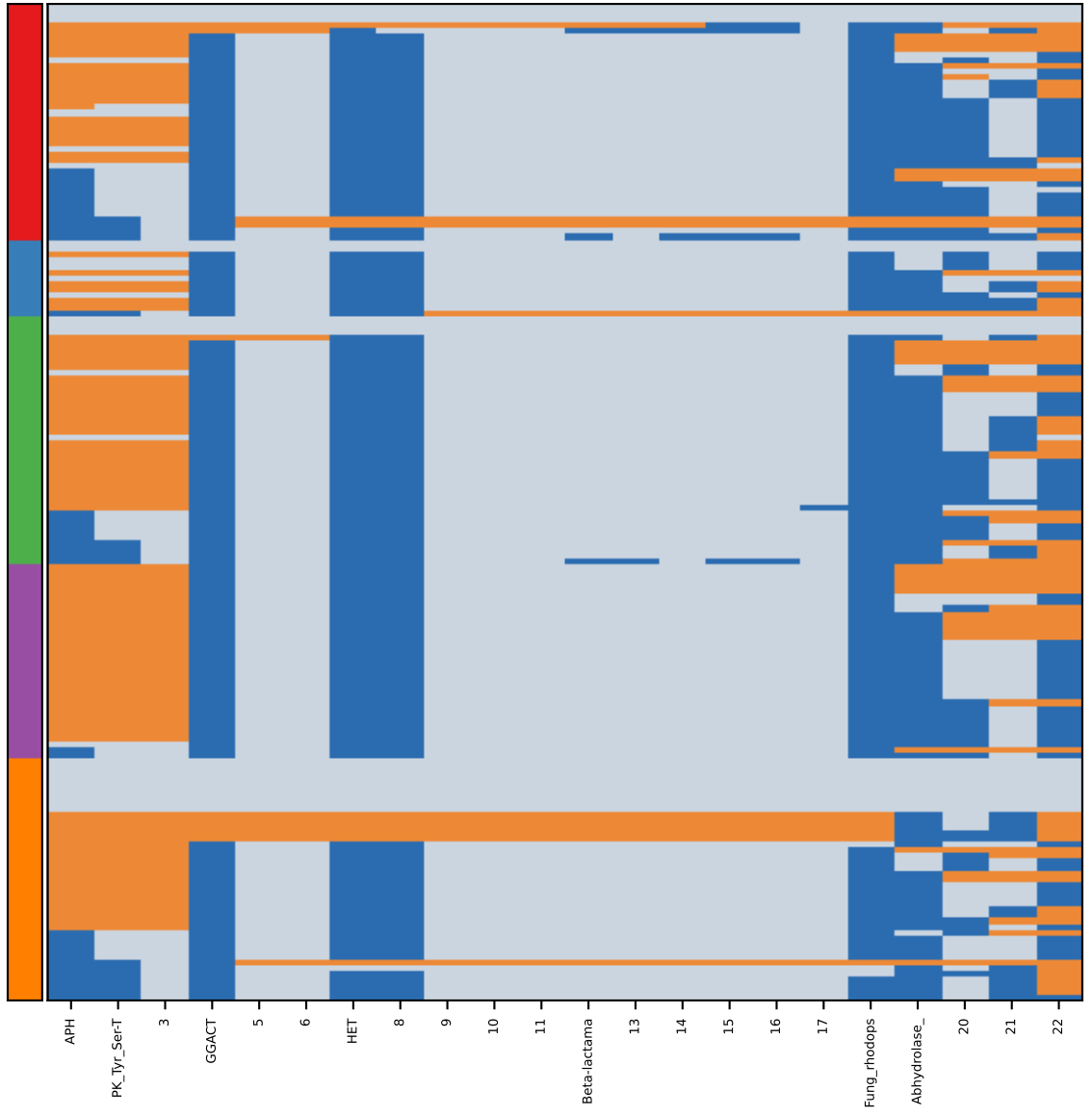
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L196 15 genes content 54% of 169 strains type: content_variants

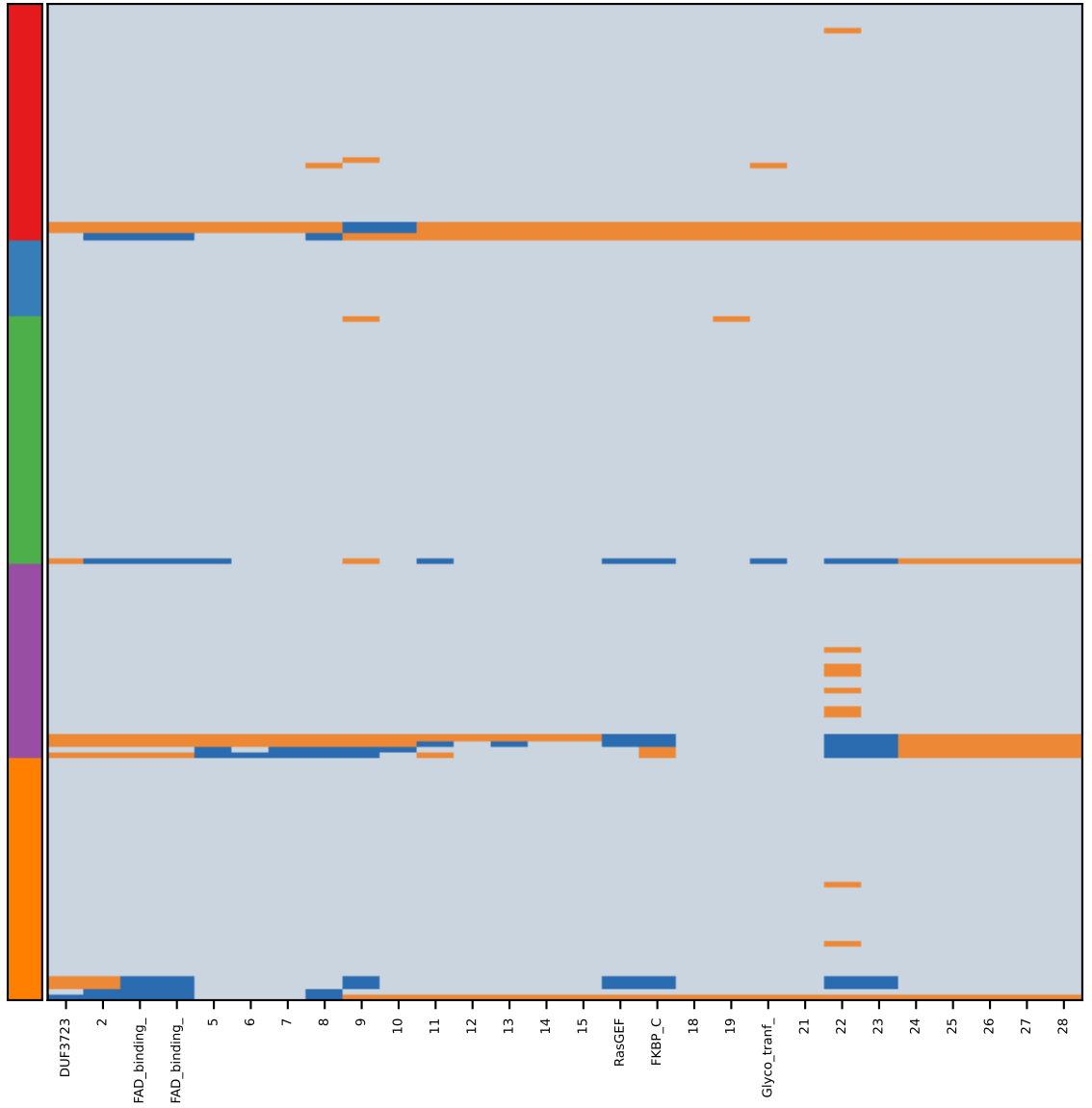


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L197 22 genes content 1% of 169 strains type: unresolved

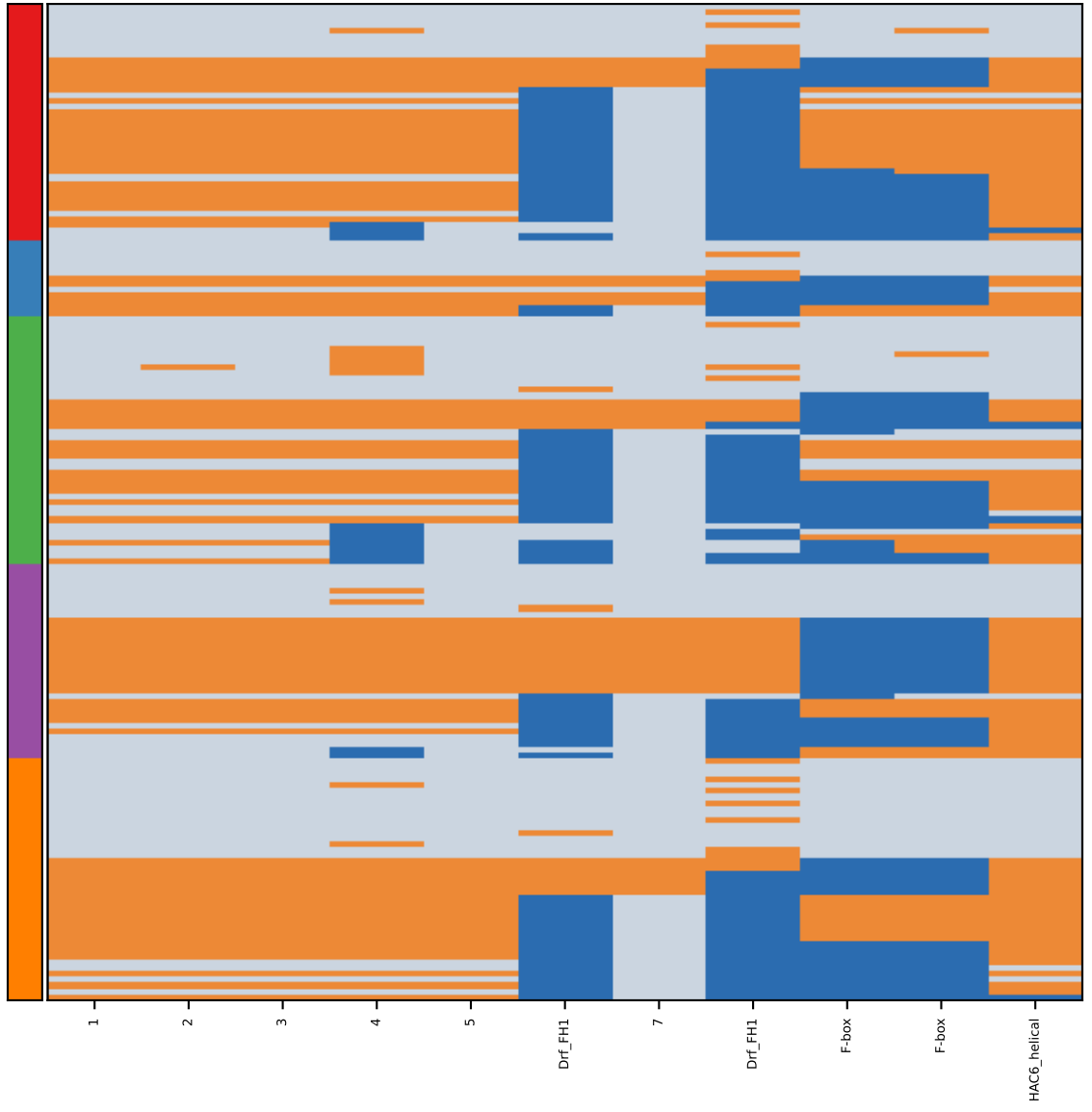


L198 28 genes content 0% of 169 strains type: unresolved

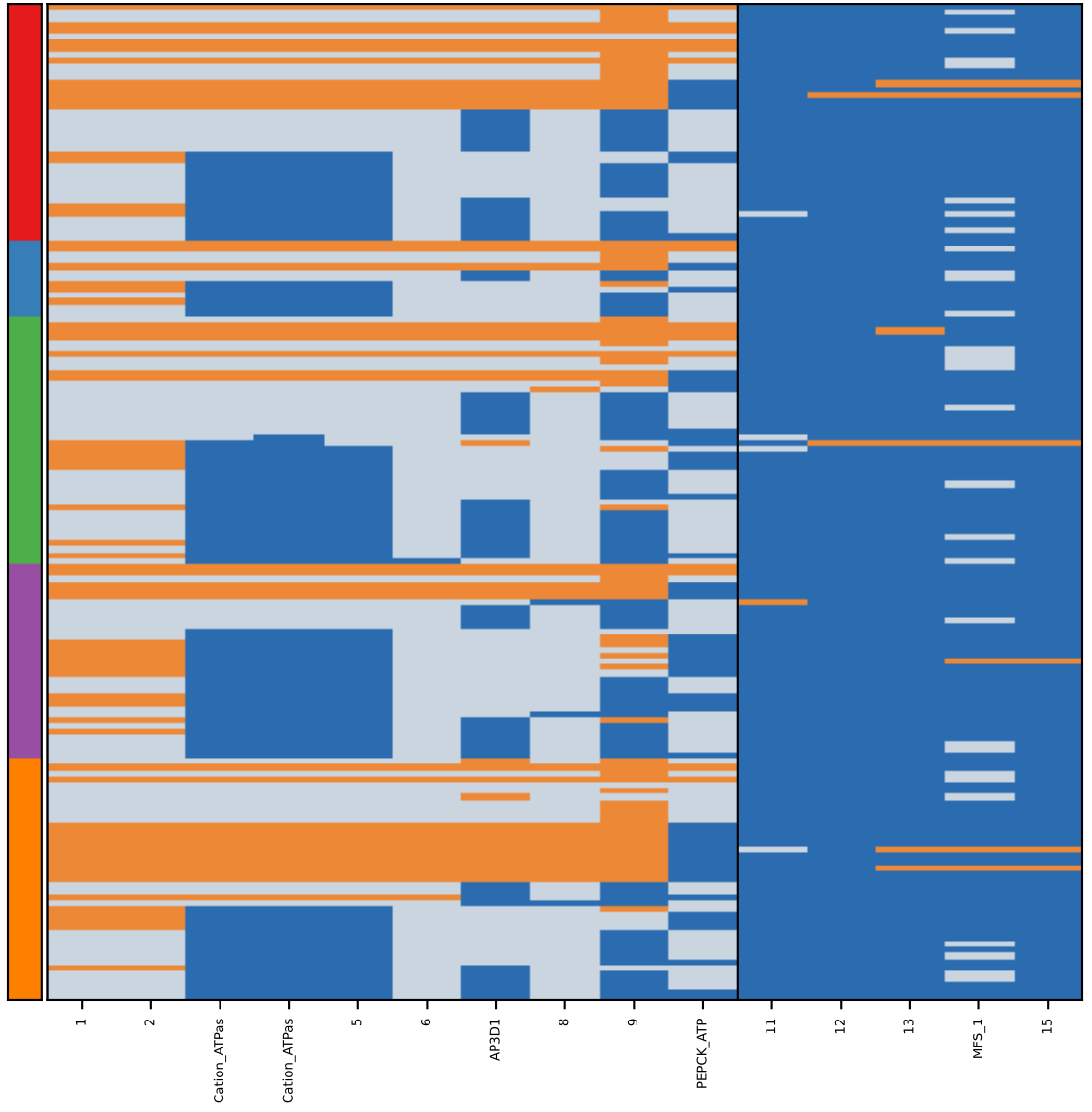


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L199 11 genes content 0% of 169 strains type: unresolved

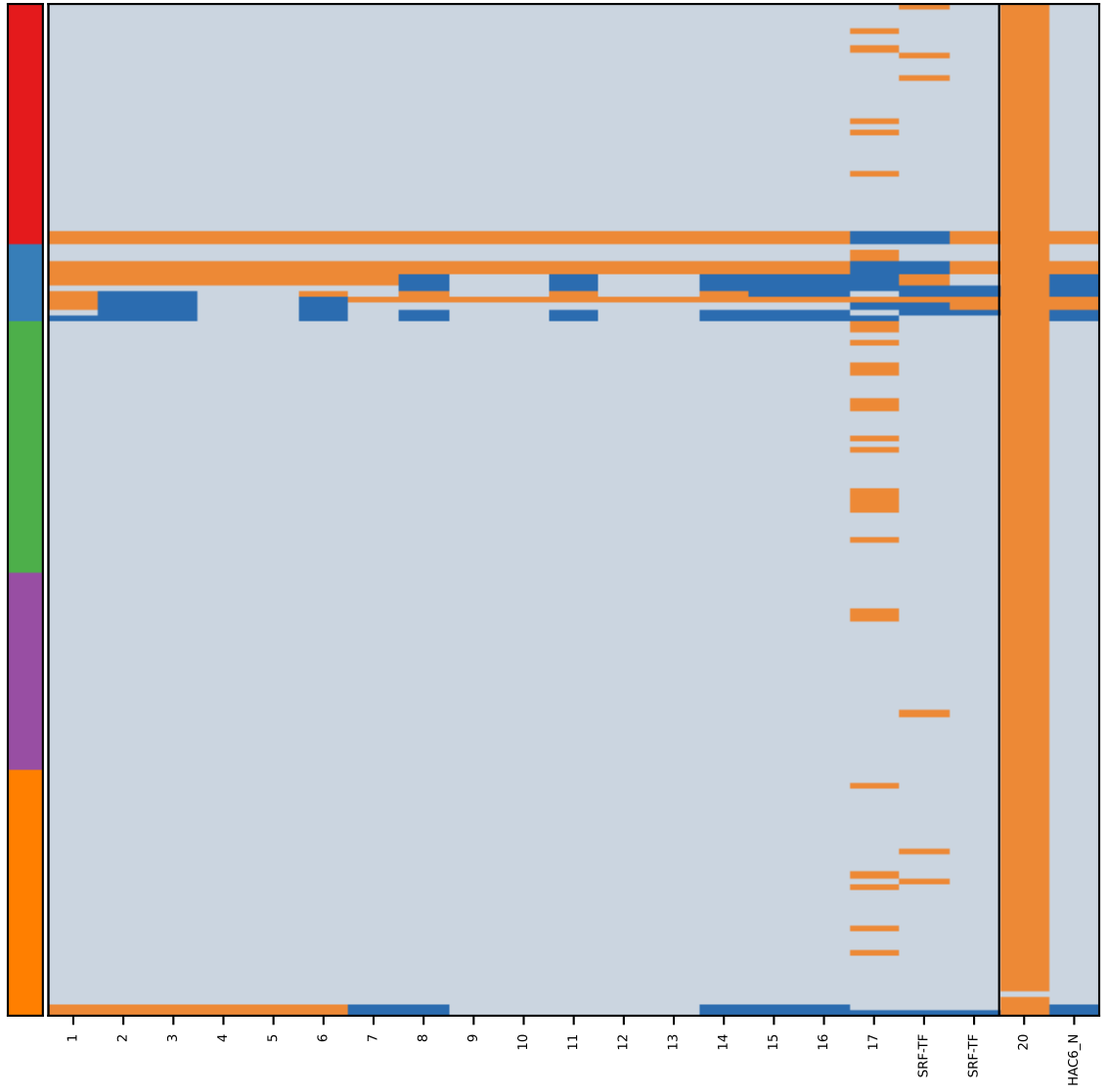


L200 10 genes content 18% of 169 strains type: unresolved



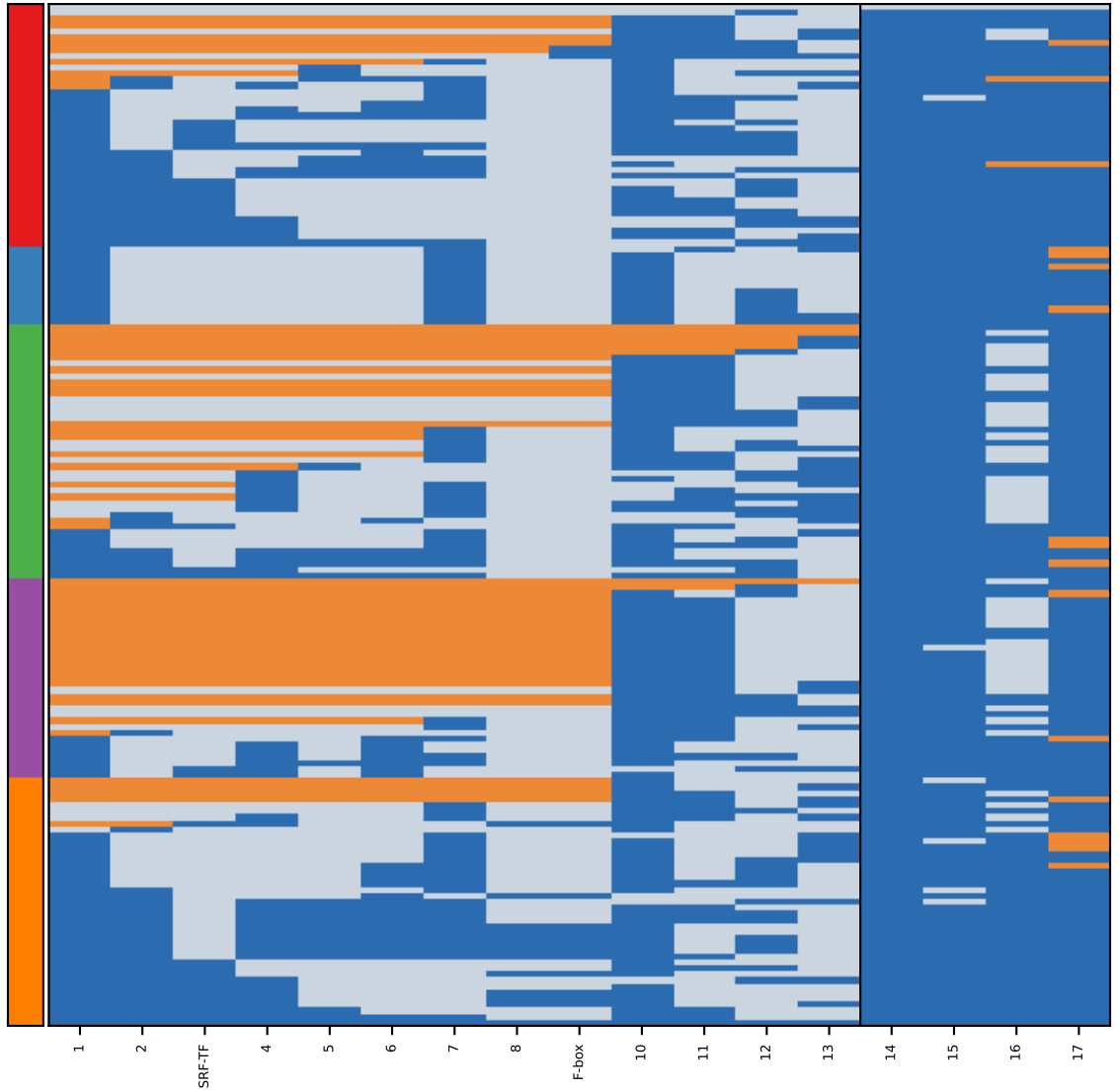
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L201 19 genes content 1% of 169 strains type: unresolved

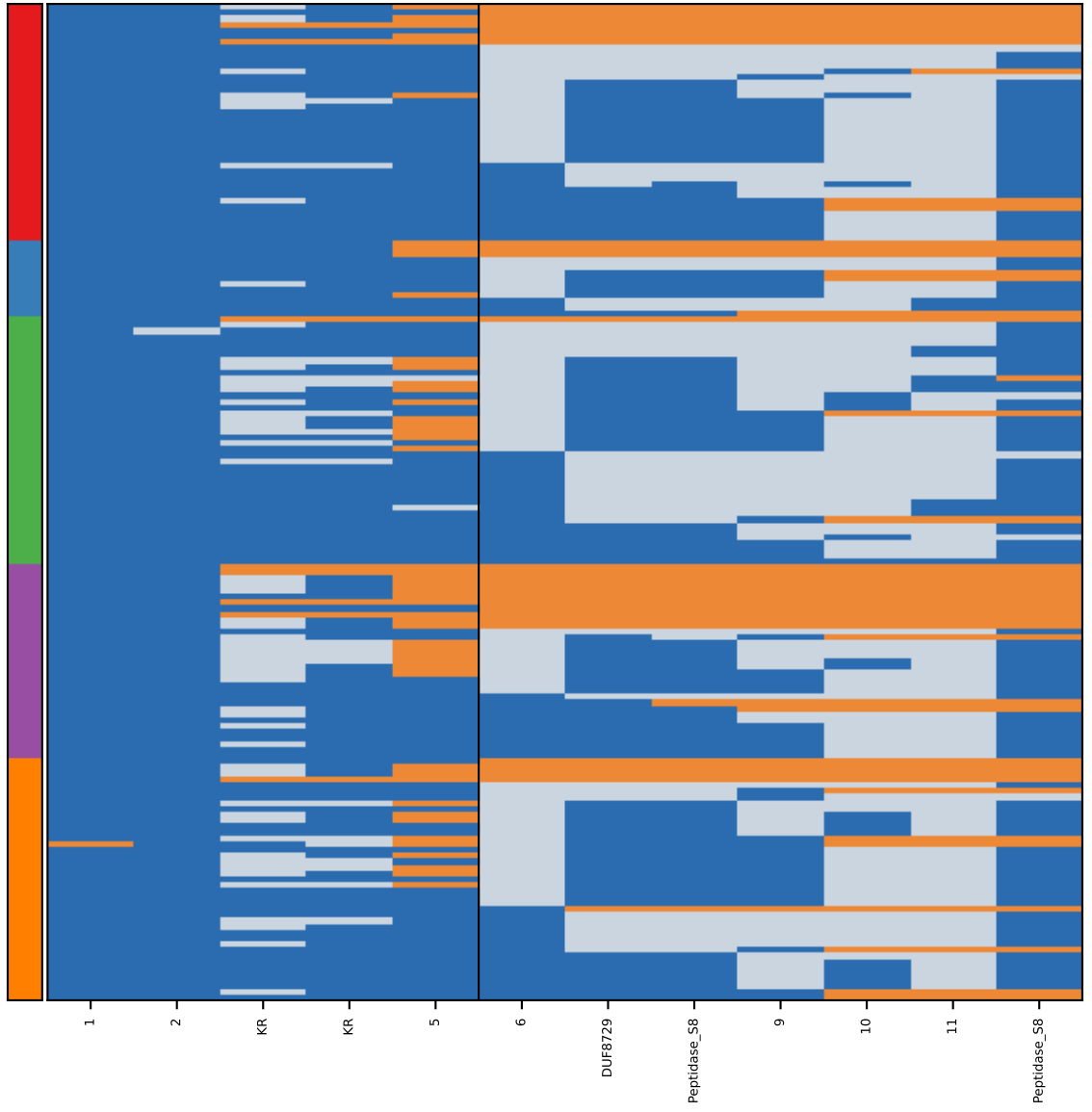


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

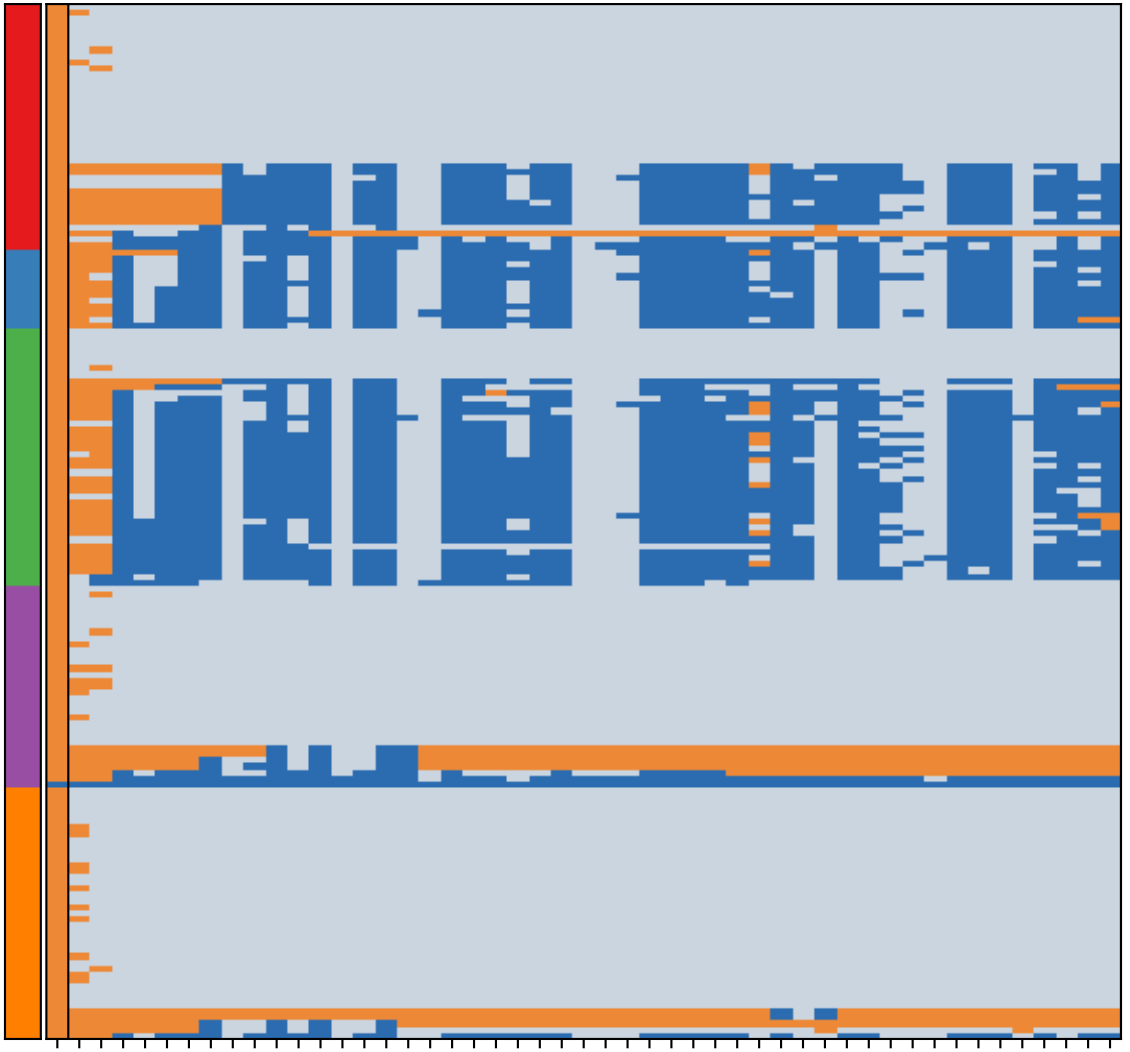
L202 13 genes content 16% of 169 strains type: unresolved



L203 7 genes content 46% of 169 strains type: unresolved

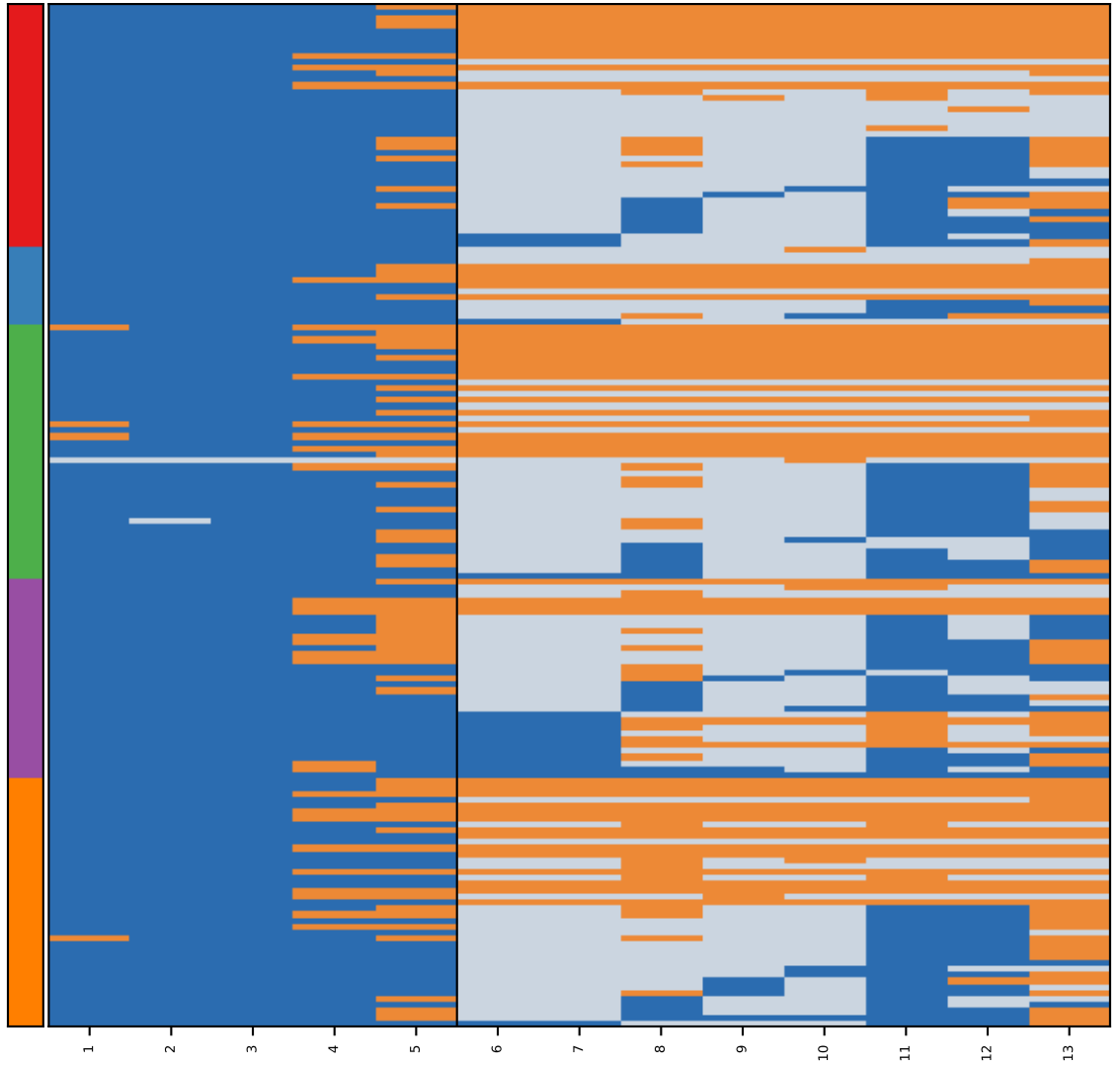


L204 48 genes content 35% of 169 strains type: unresolved



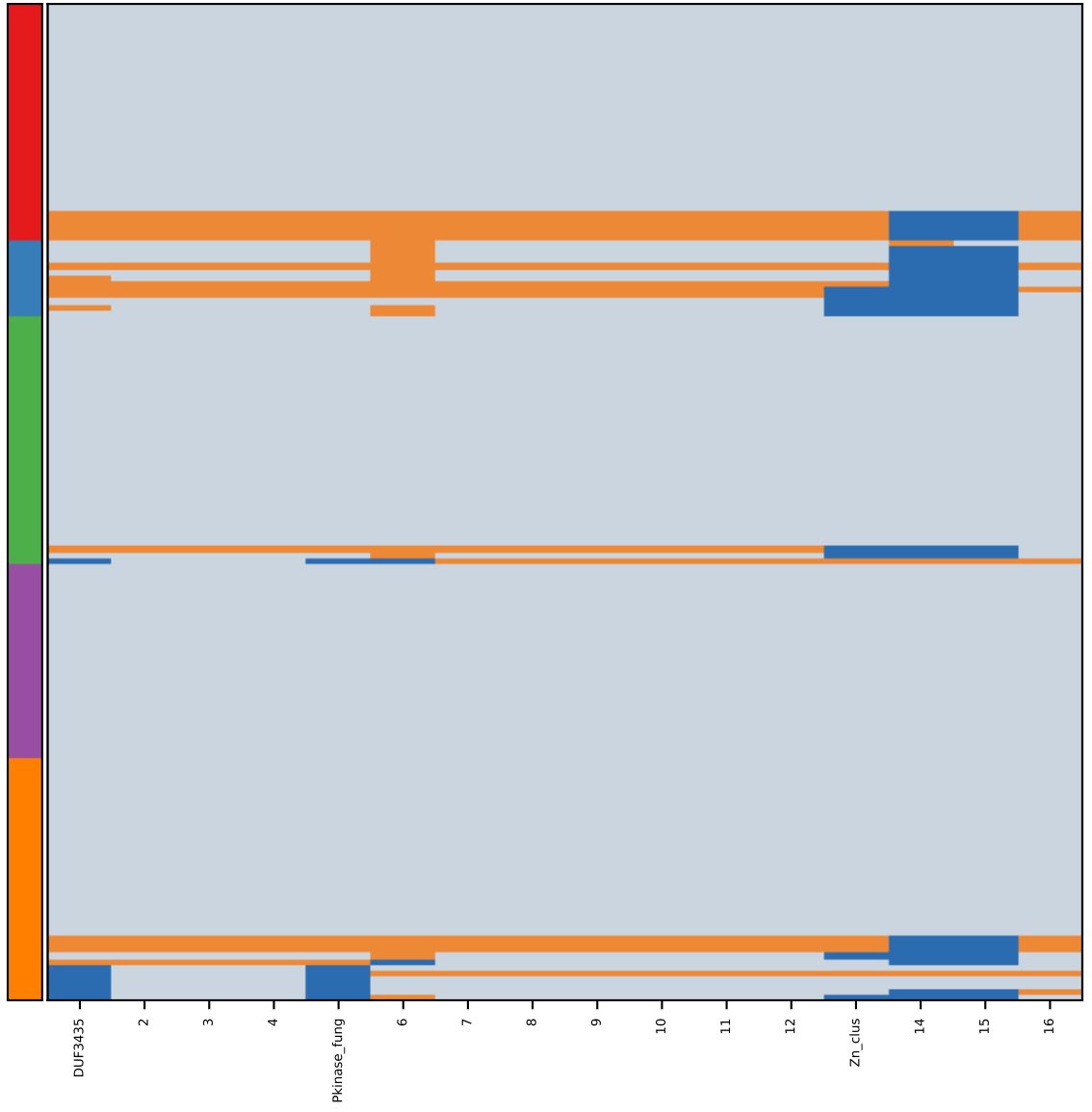
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L205 8 genes content 8% of 169 strains type: unresolved



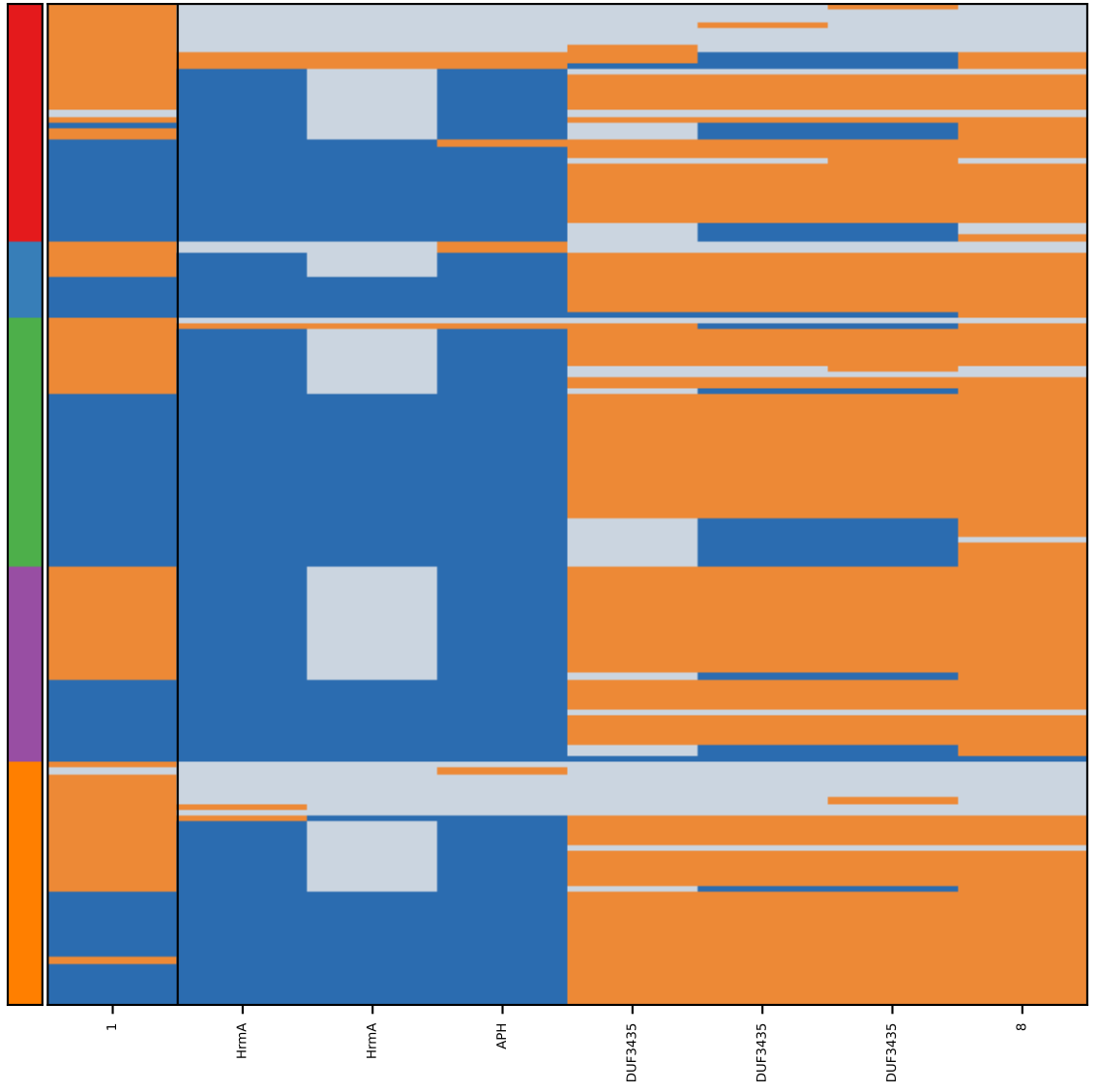
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L206 16 genes content 0% of 169 strains type: unresolved

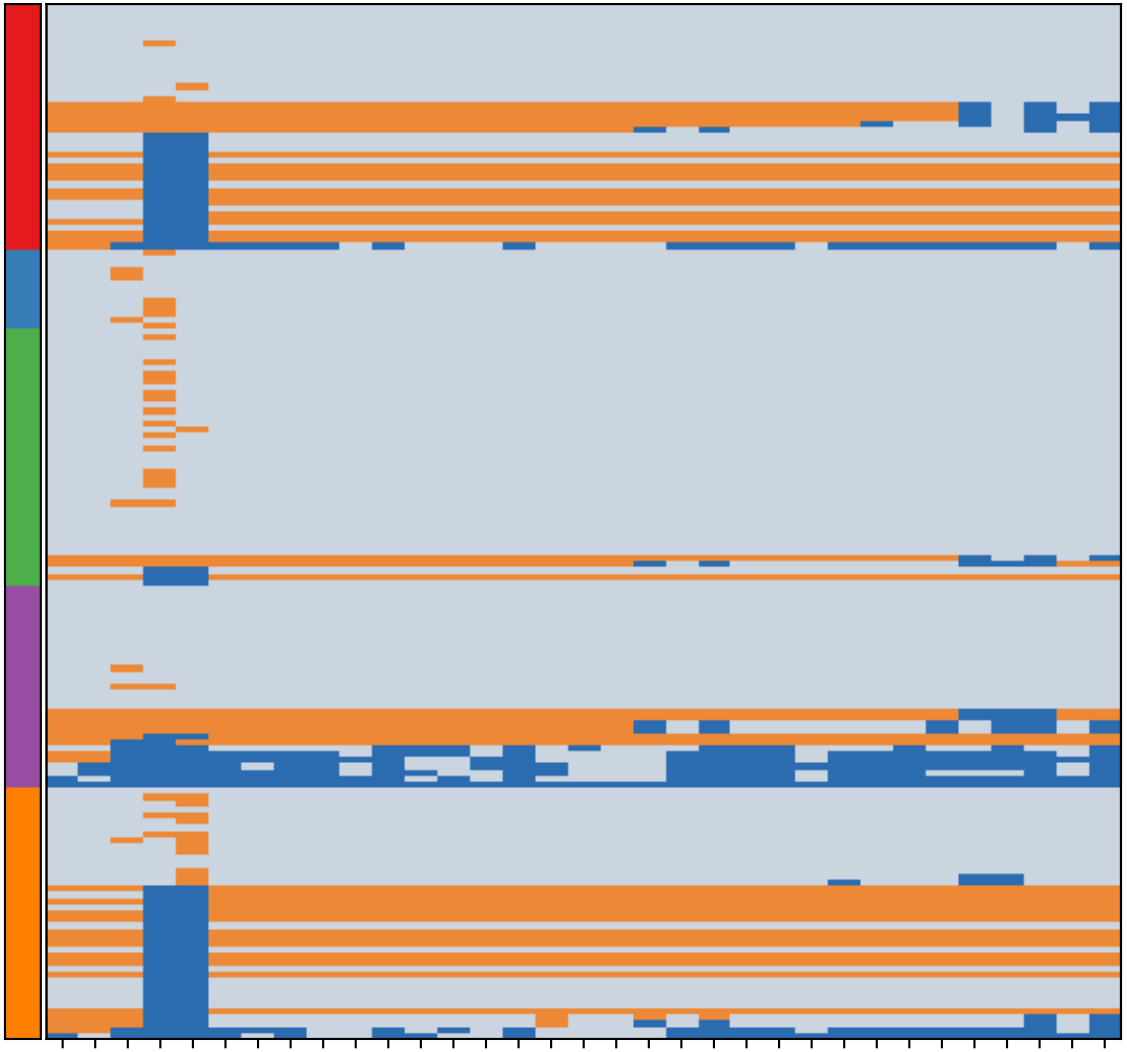


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L207 7 genes content 12% of 169 strains type: unresolved

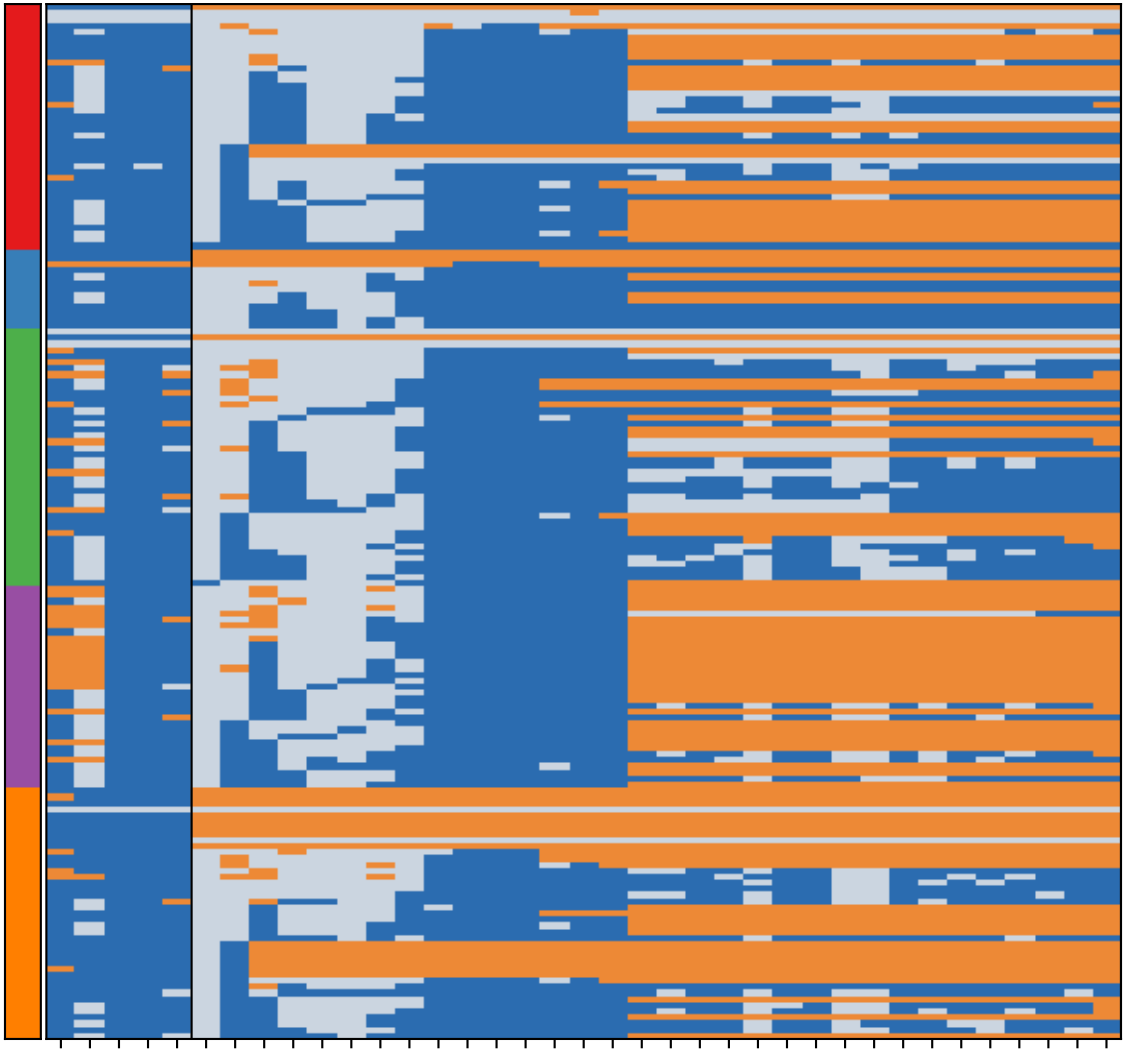


L208 33 genes content 5% of 169 strains type: unresolved



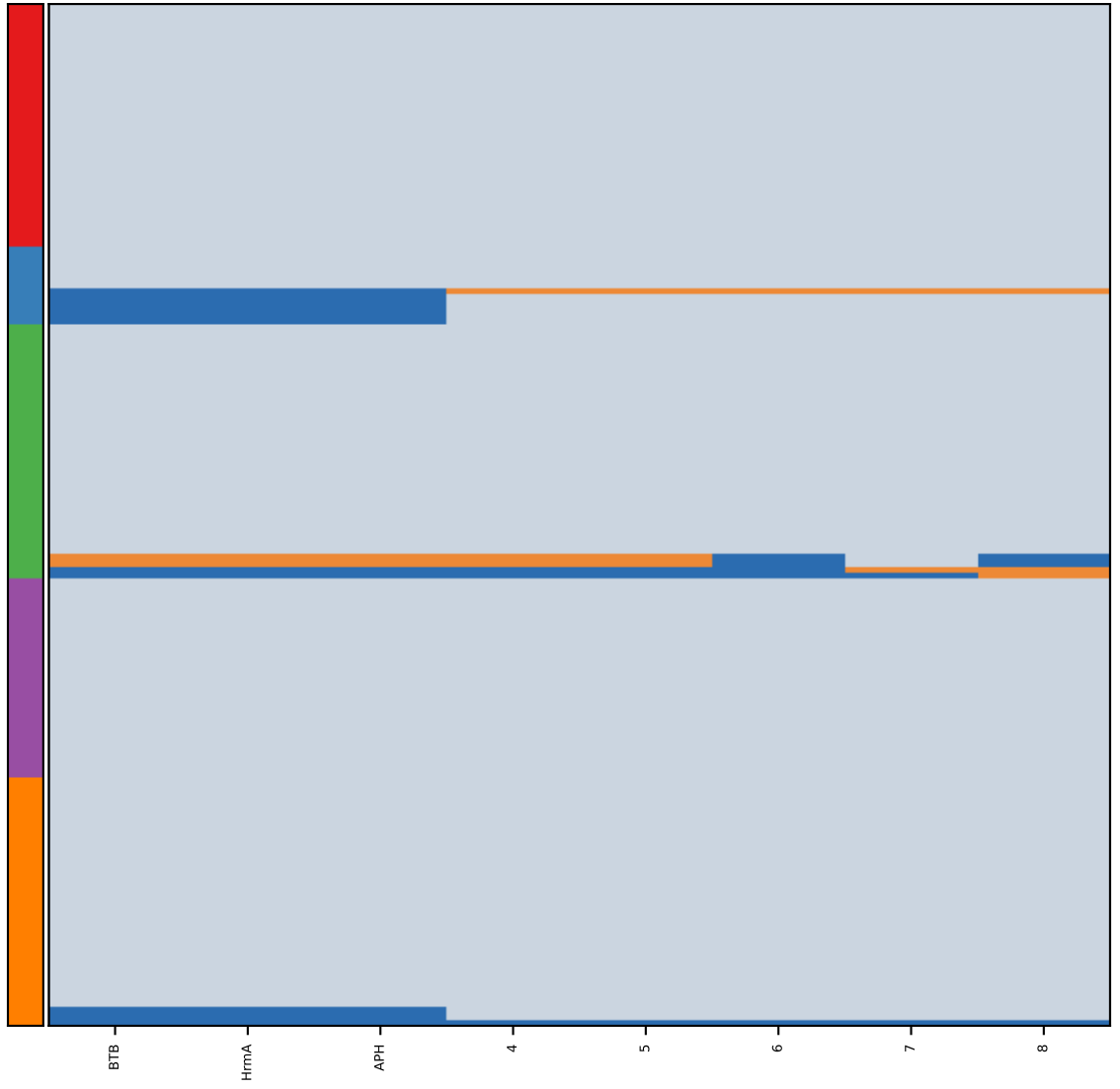
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L209 32 genes content 36% of 169 strains type: unresolved



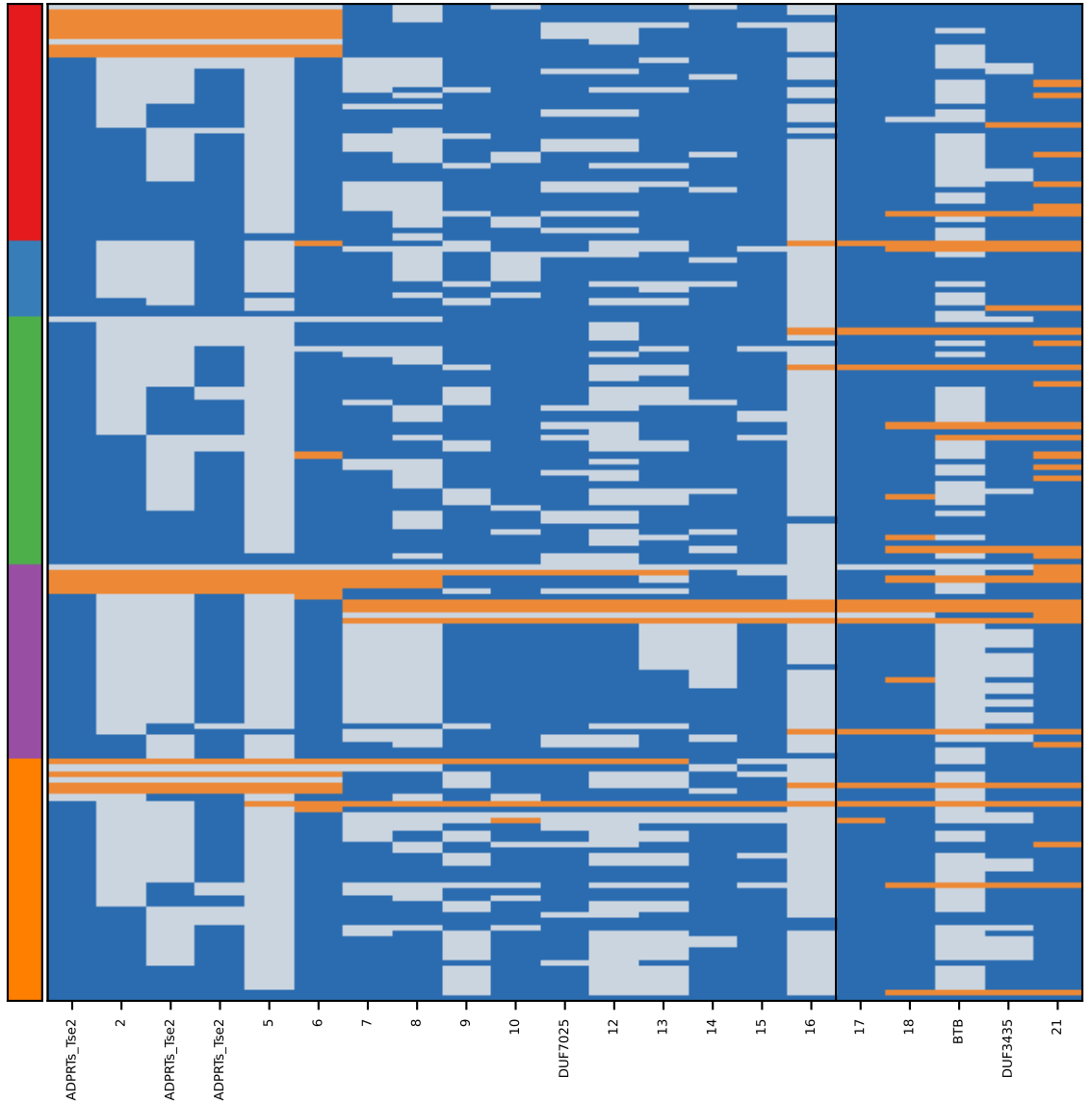
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L210 8 genes content 2% of 169 strains type: unresolved



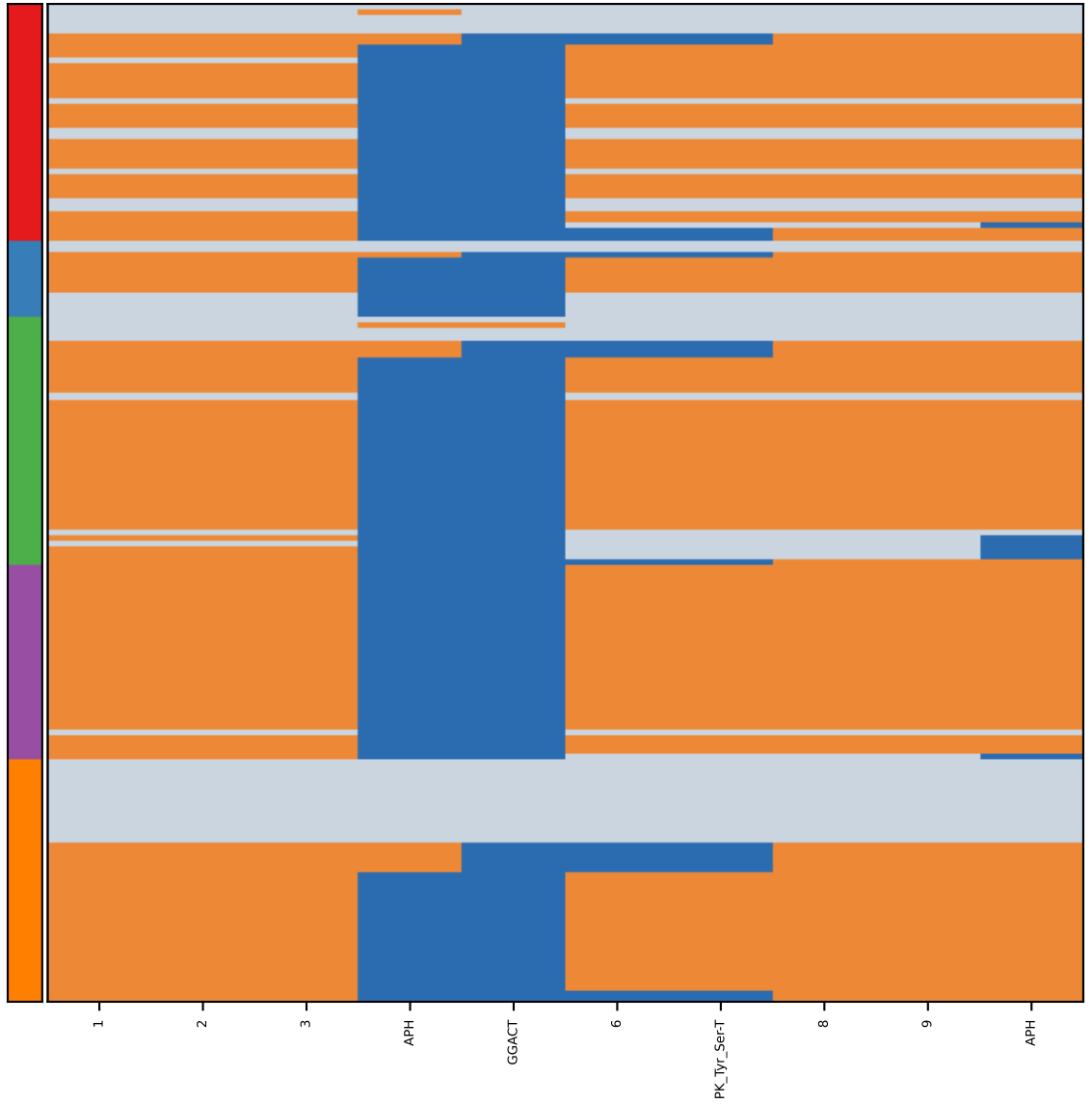
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L211 16 genes content 85% of 169 strains type: content_variants



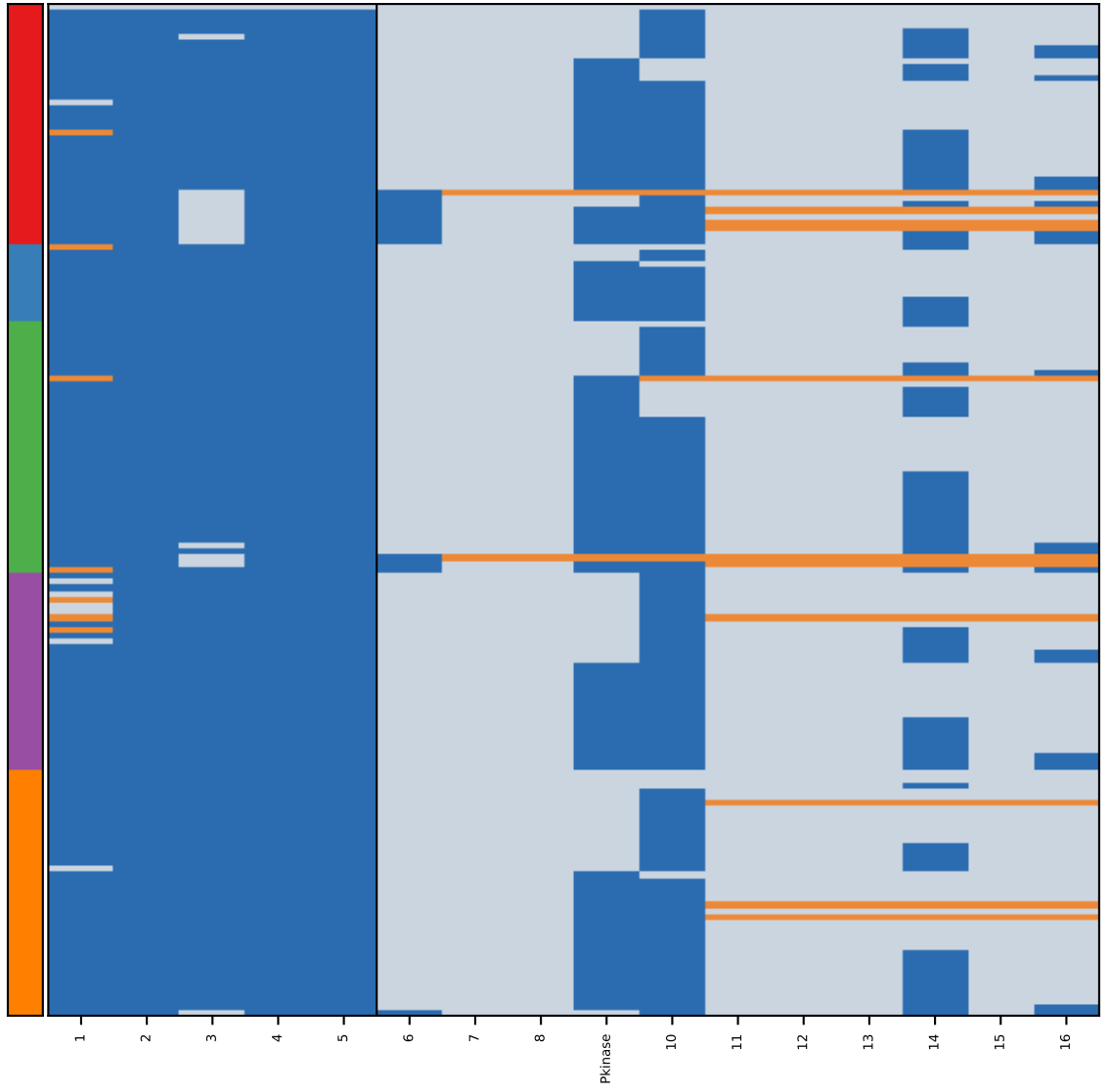
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L212 10 genes content 0% of 169 strains type: unresolved

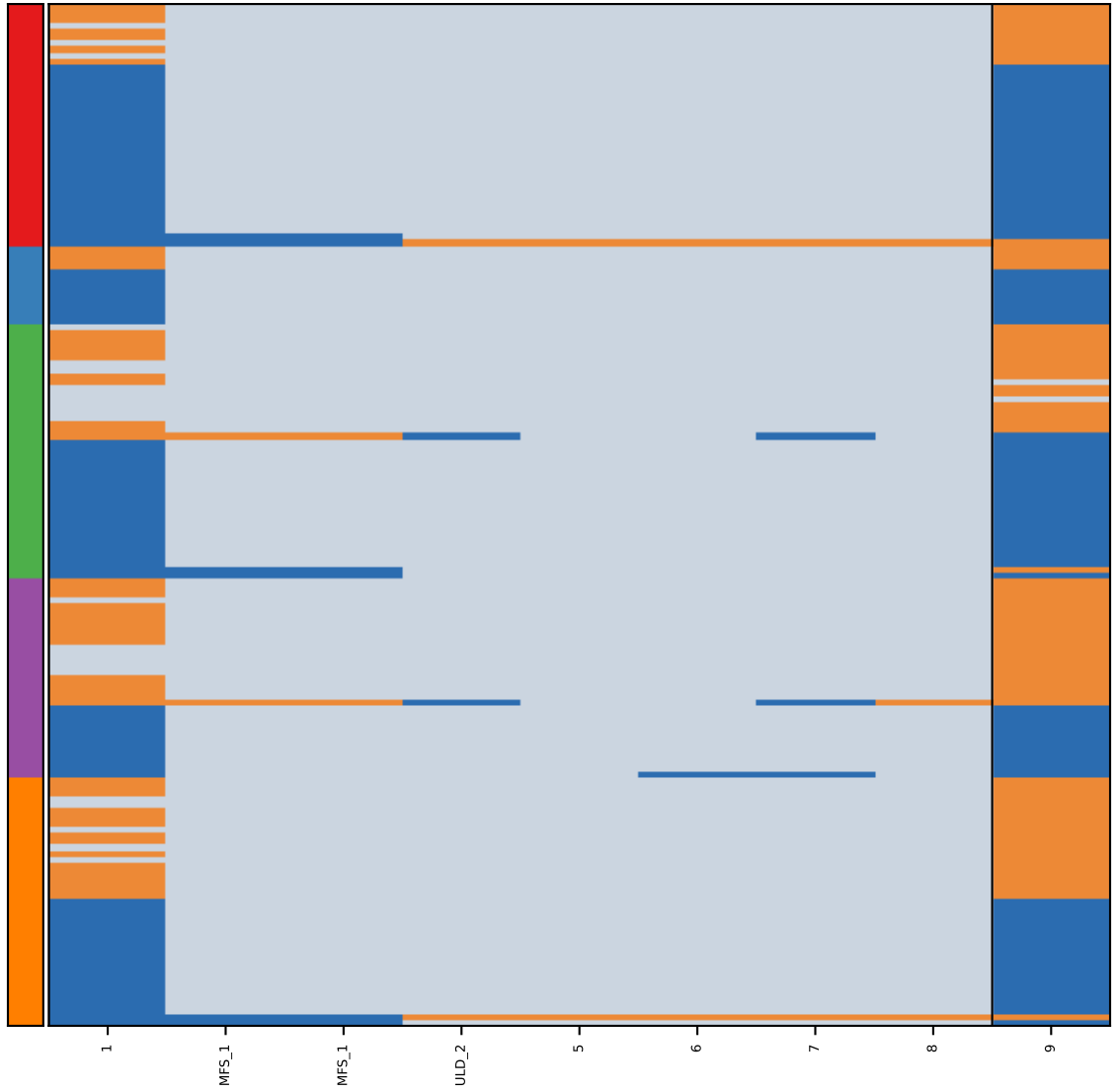


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

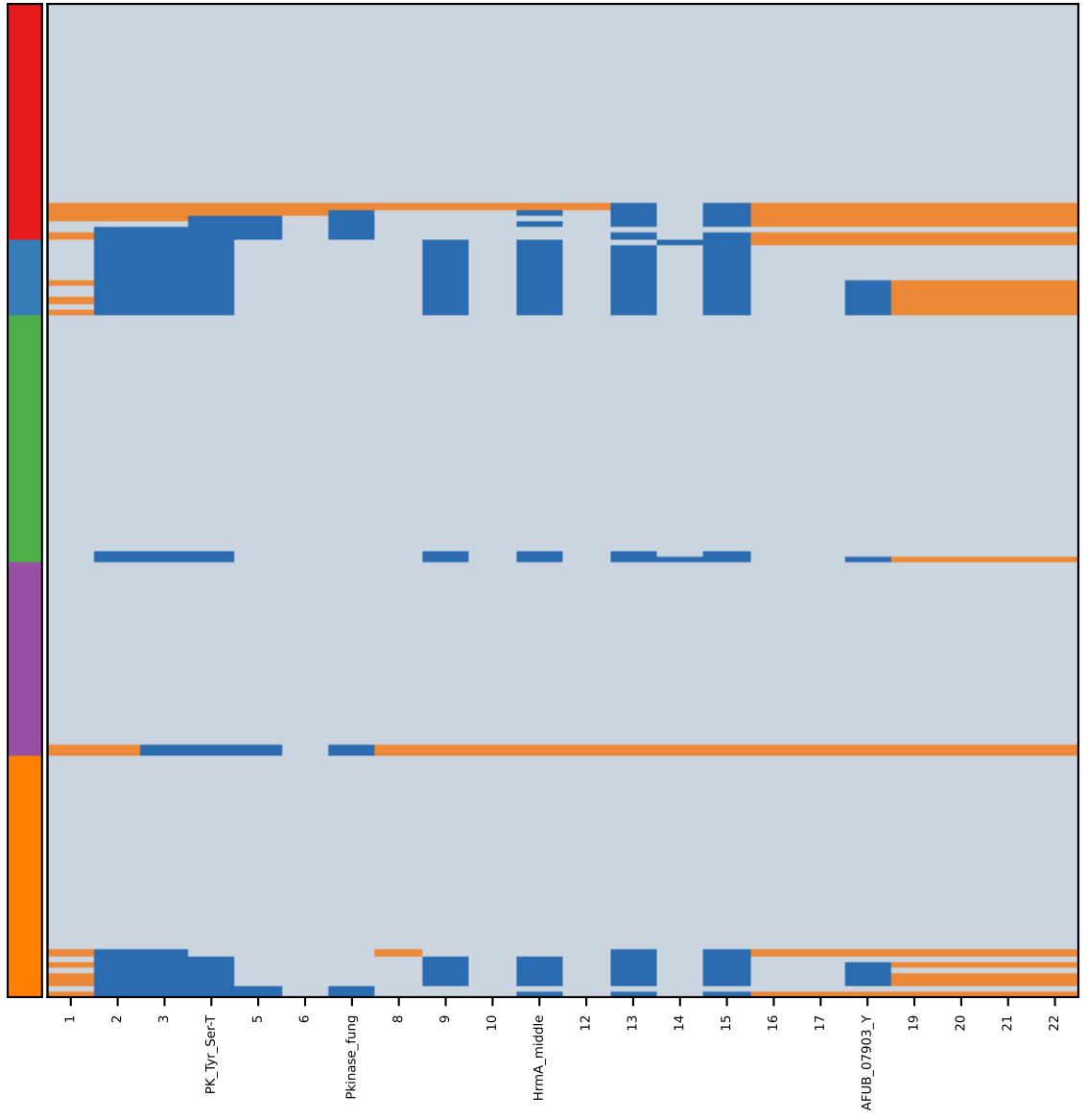
L213 11 genes content 0% of 169 strains type: unresolved



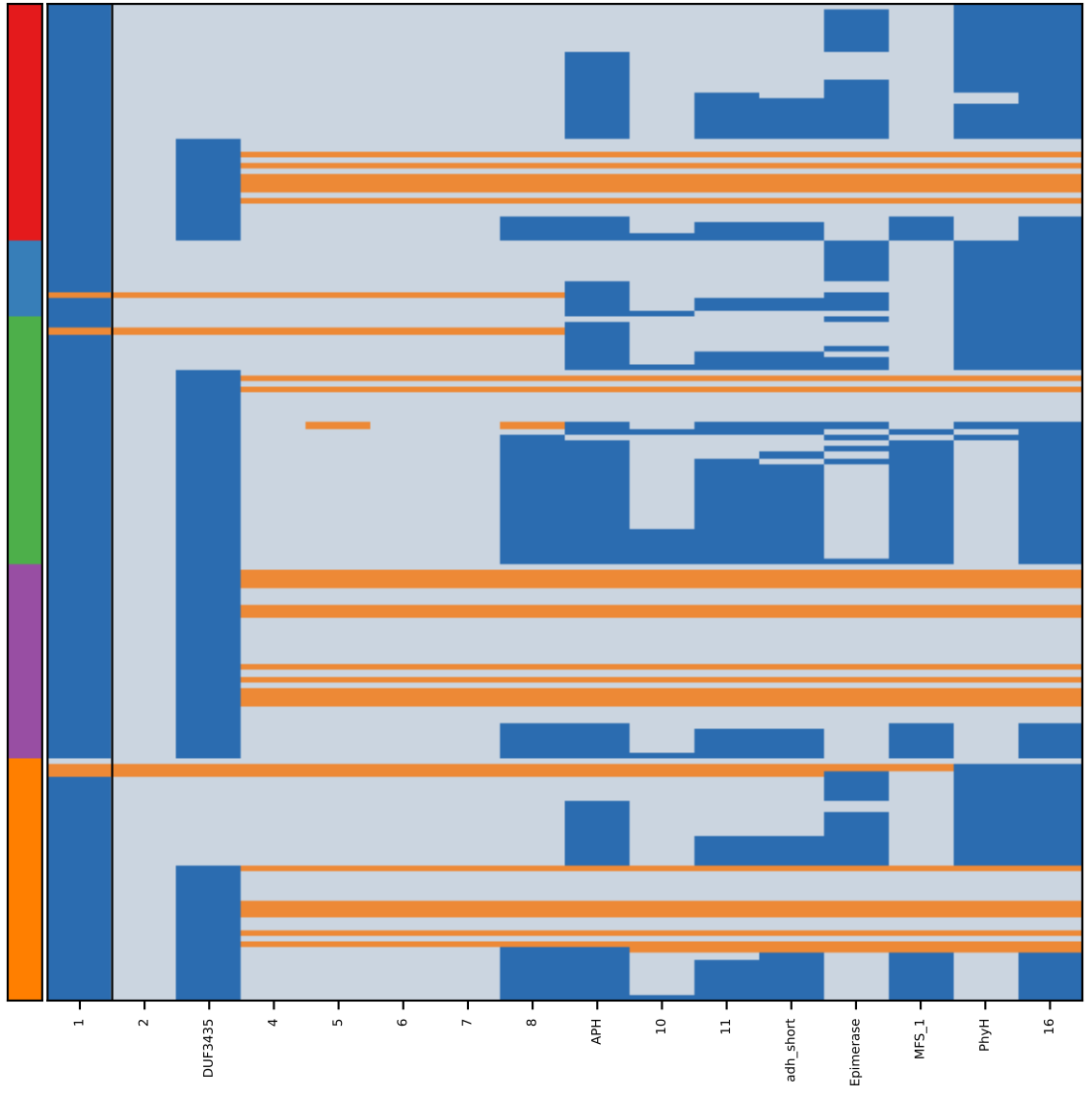
L214 8 genes content 0% of 169 strains type: unresolved



L215 22 genes content 0% of 169 strains type: unresolved

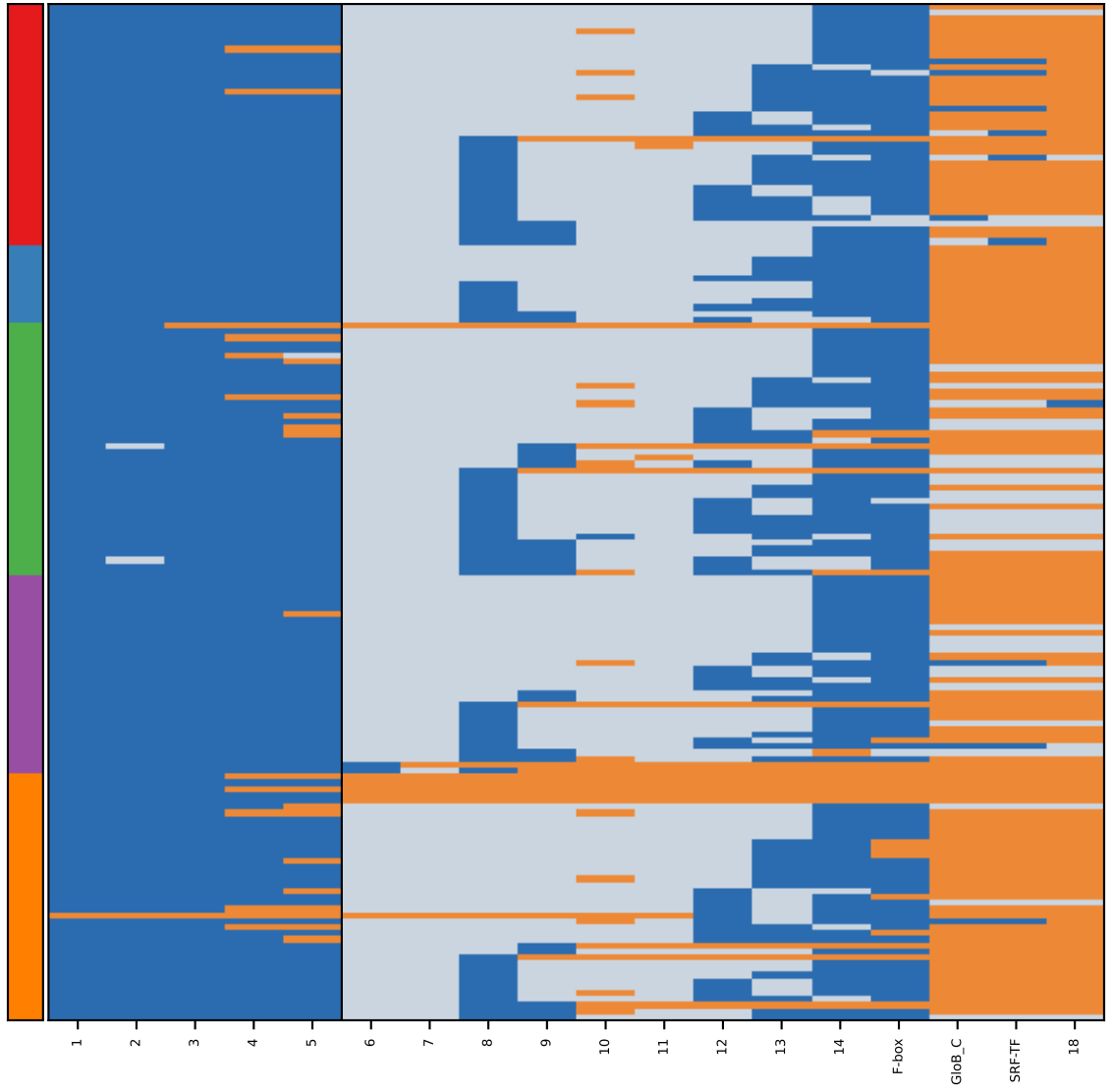


L216 15 genes content 5% of 169 strains type: unresolved



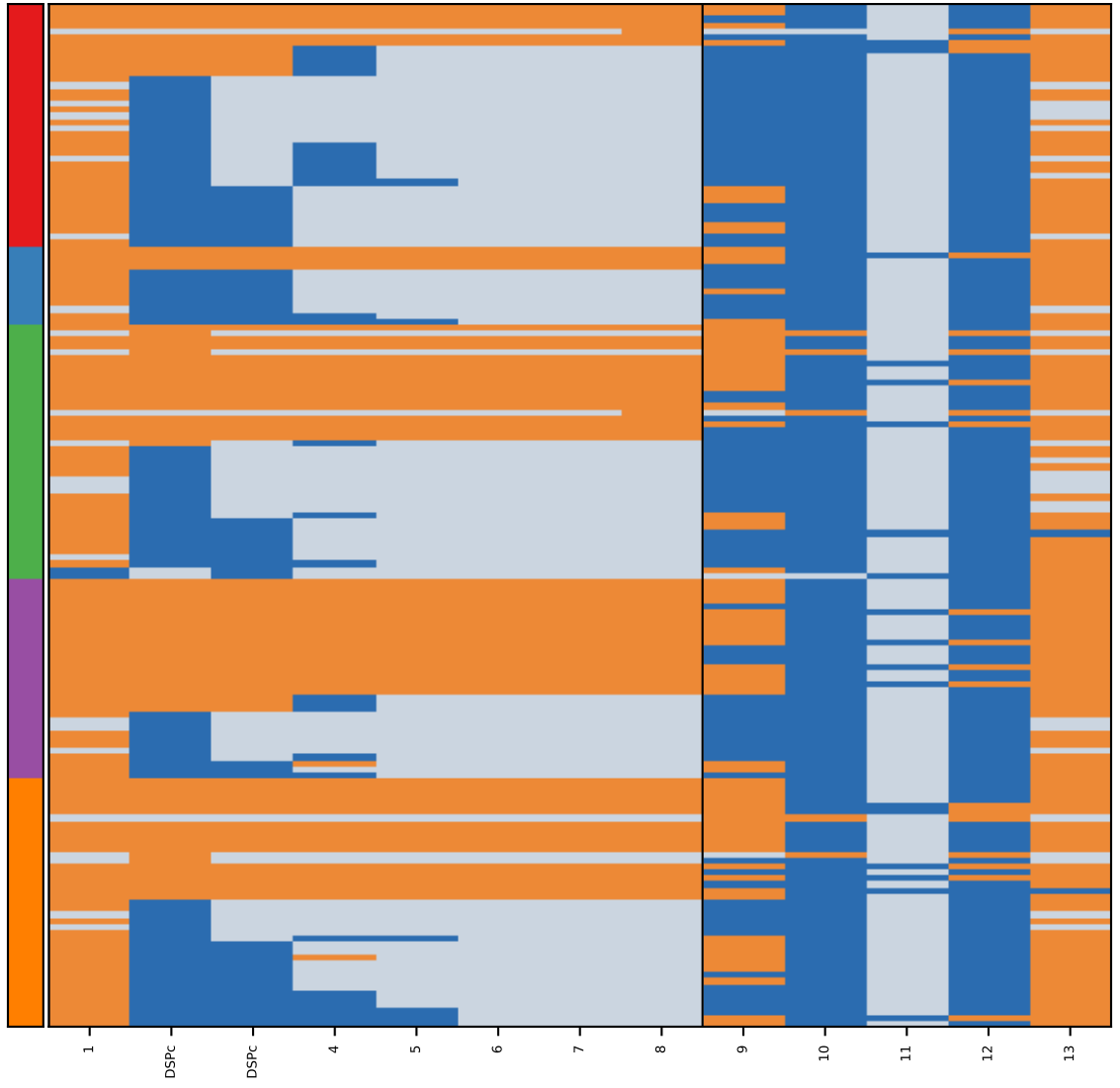
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L217 13 genes content 1% of 169 strains type: unresolved



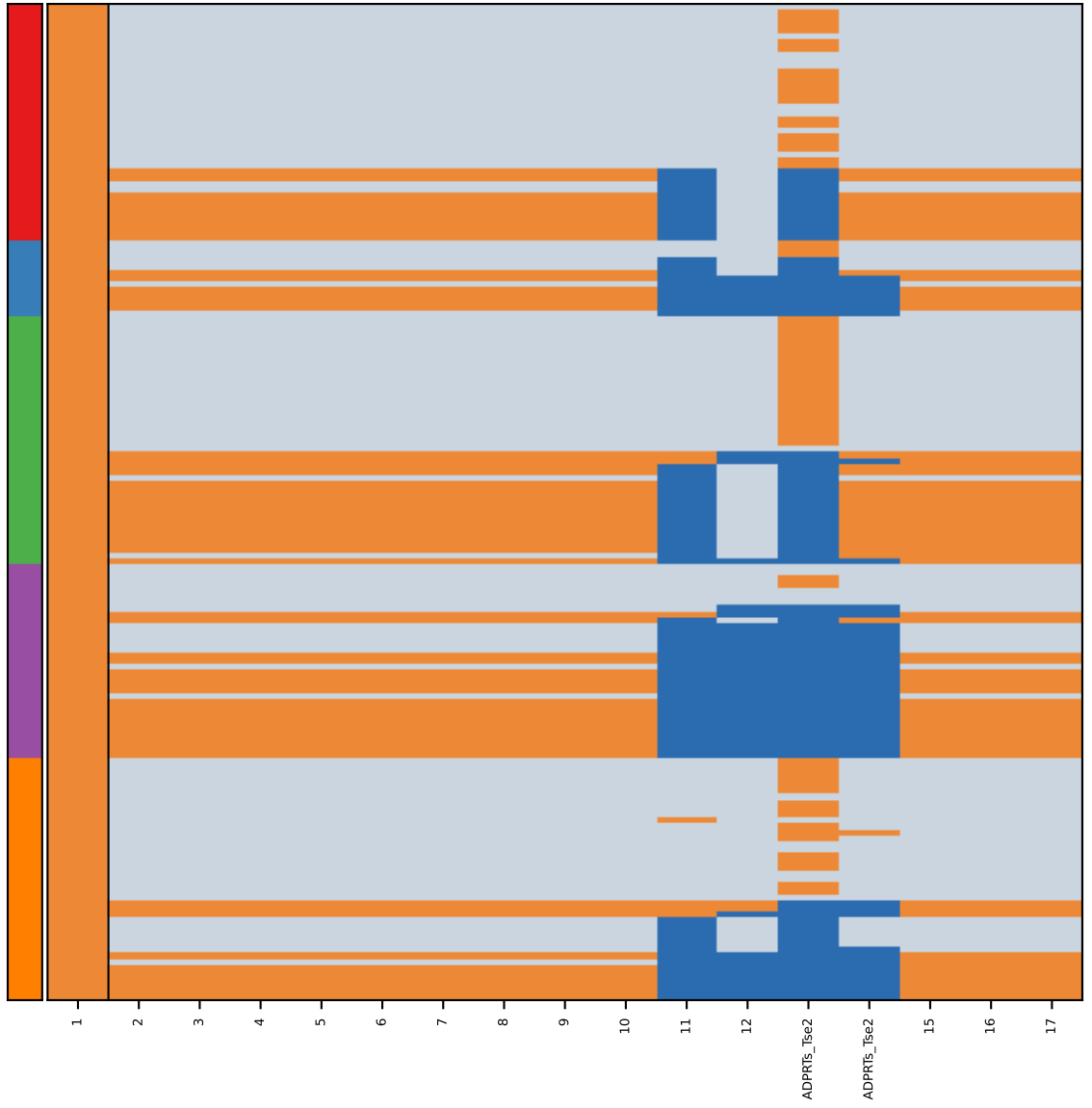
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L218 8 genes content 2% of 169 strains type: unresolved

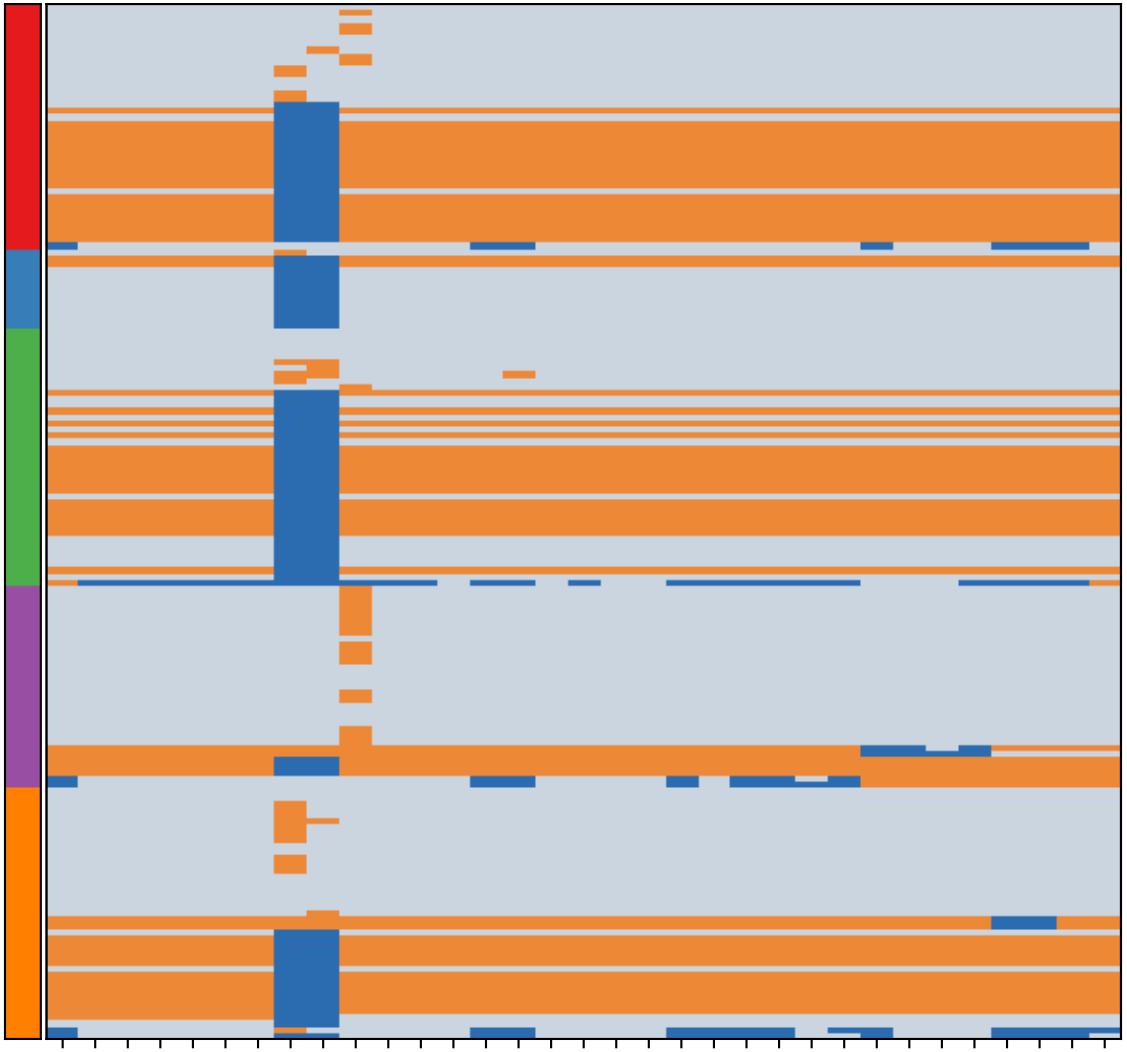


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L219 16 genes content 0% of 169 strains type: unresolved

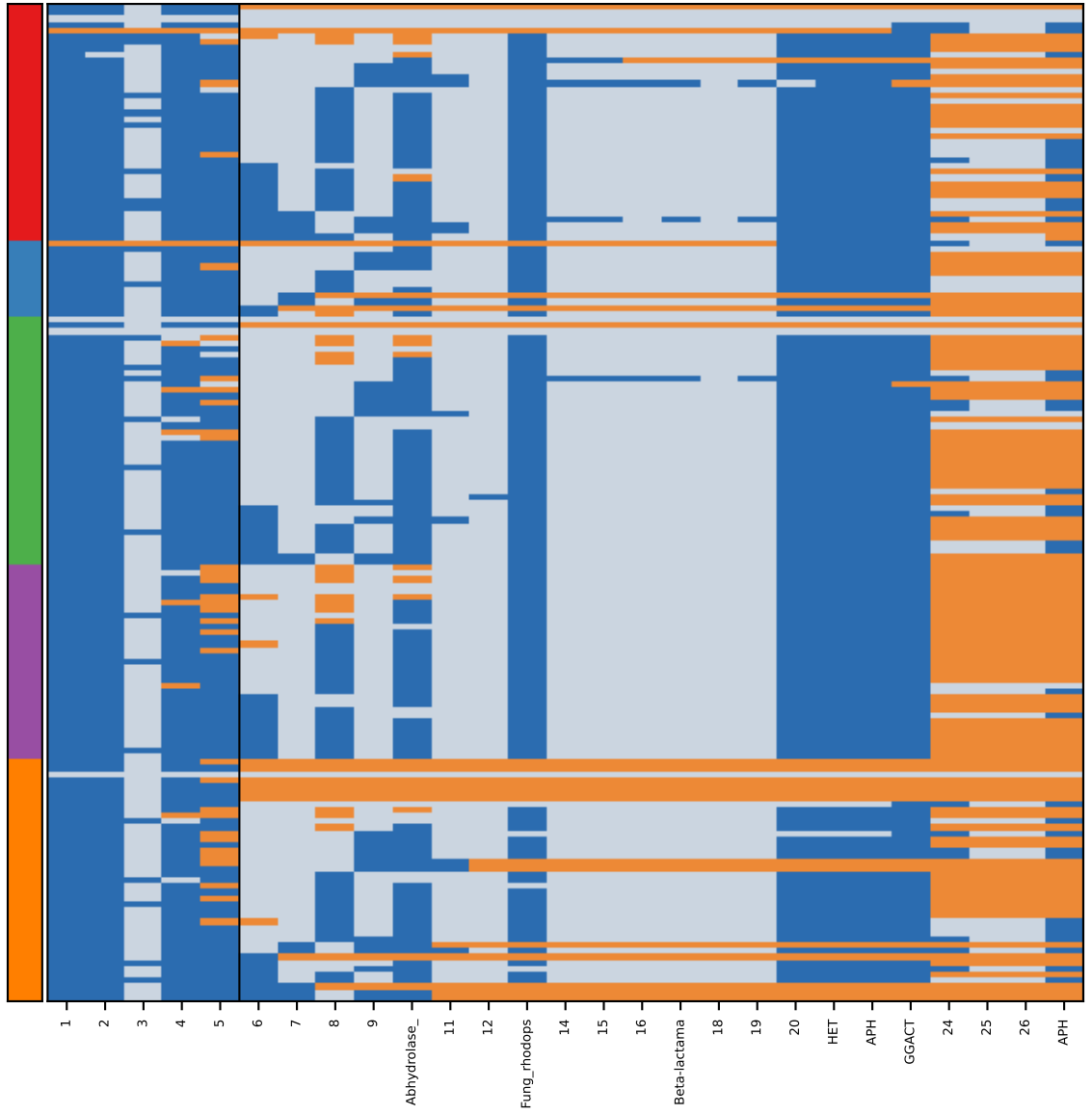


L220 33 genes content 1% of 169 strains type: unresolved



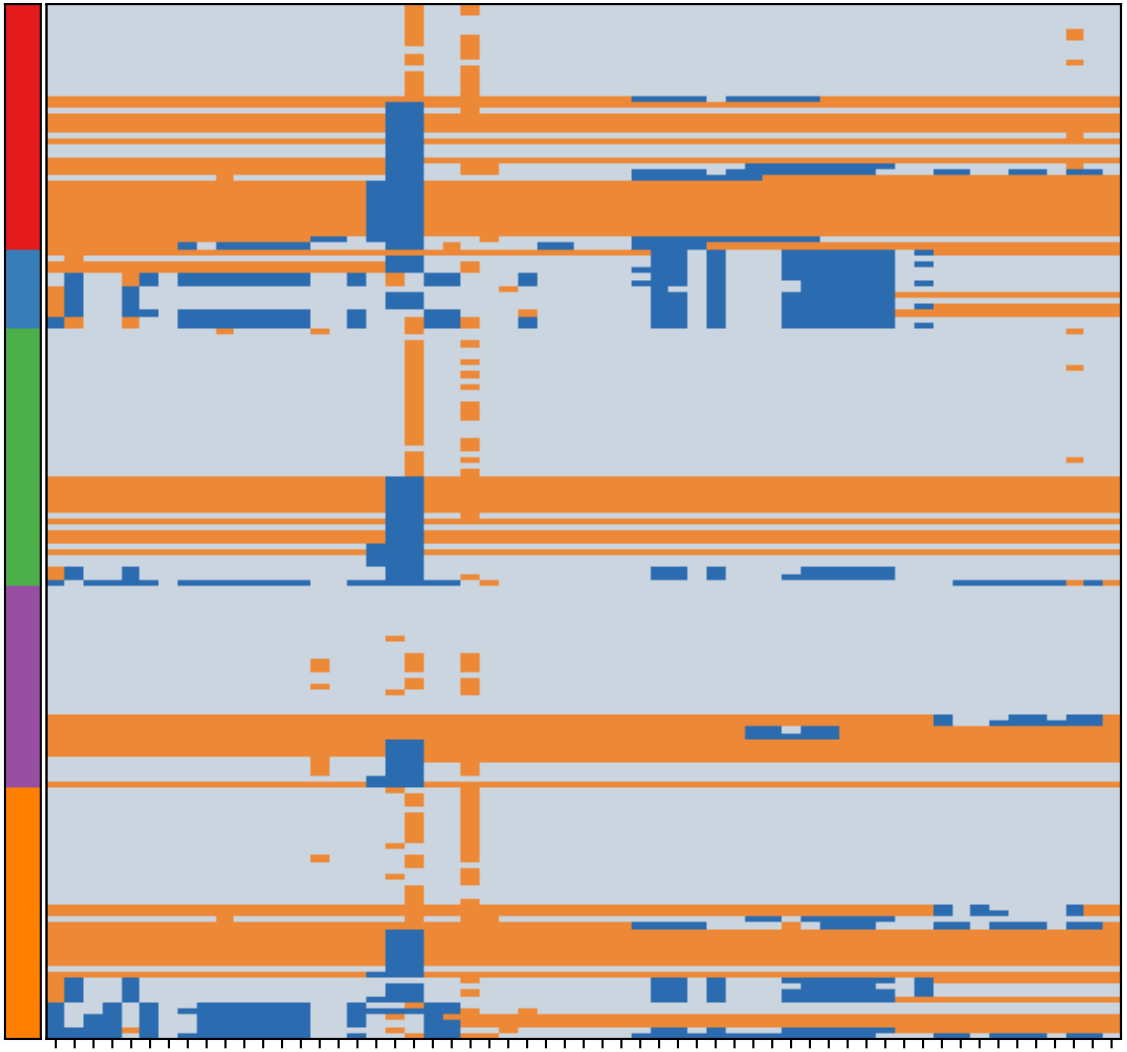
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L221 22 genes content 2% of 169 strains type: unresolved



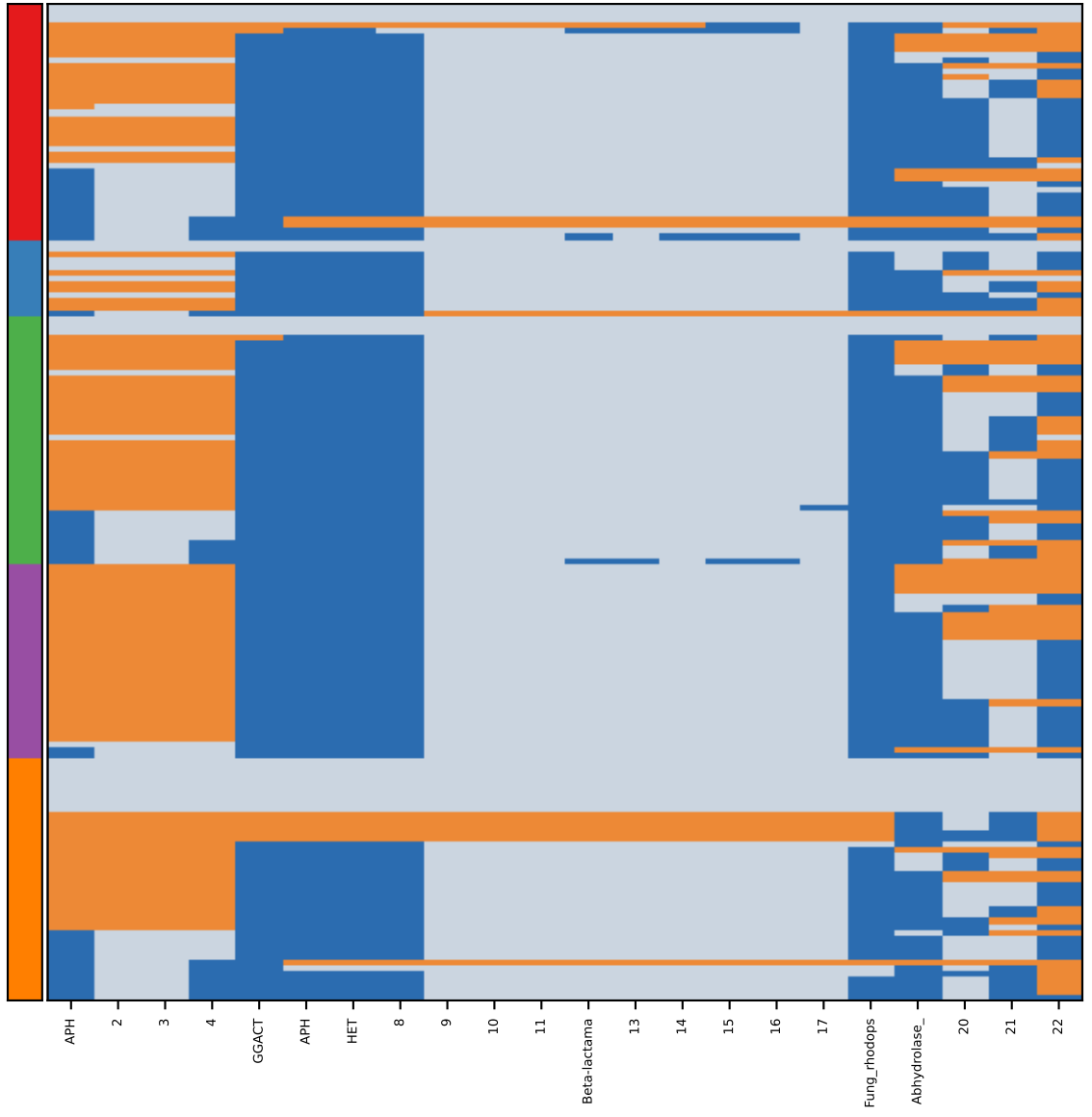
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L222 57 genes content 1% of 169 strains type: unresolved



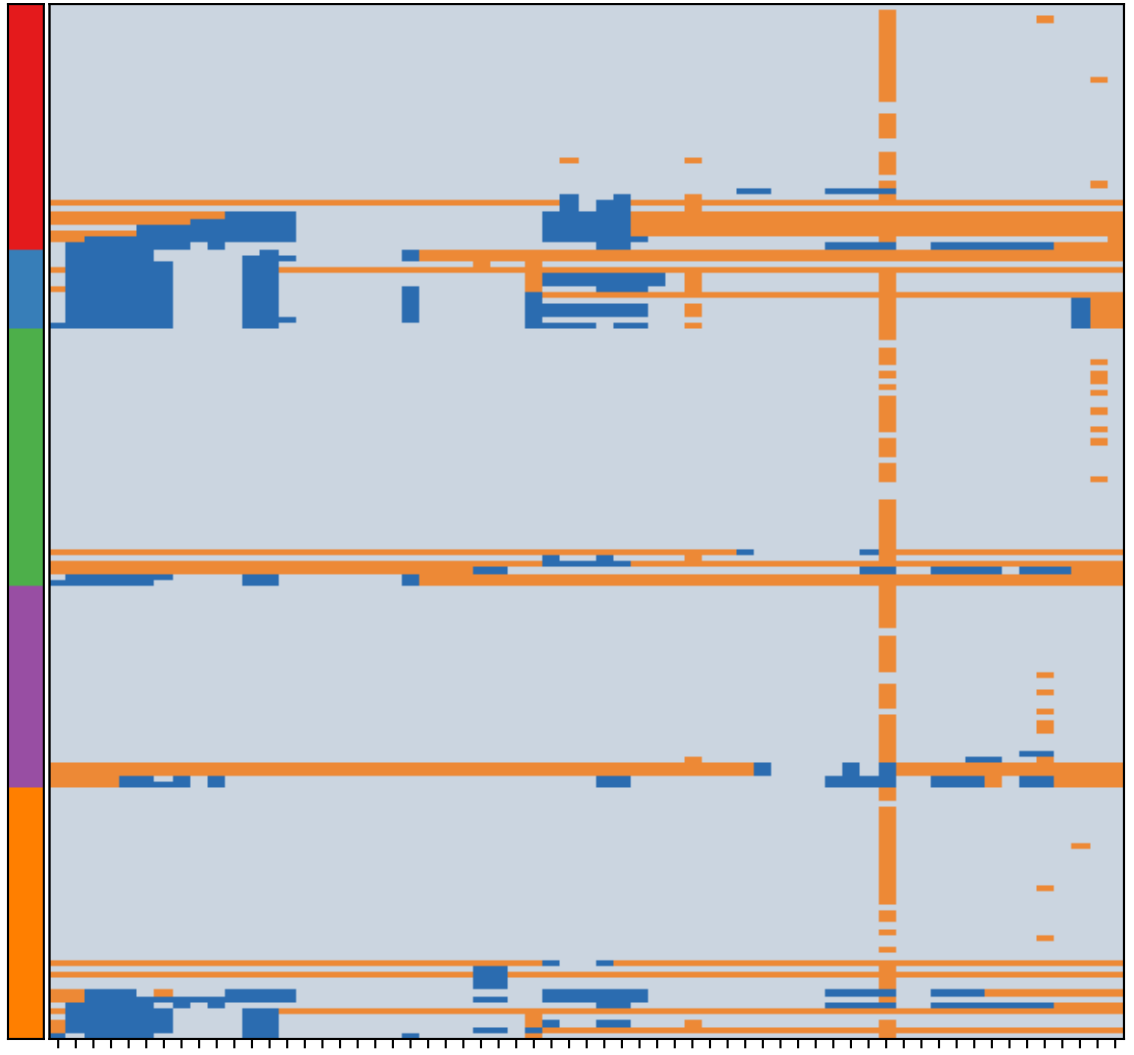
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L223 22 genes content 1% of 169 strains type: unresolved



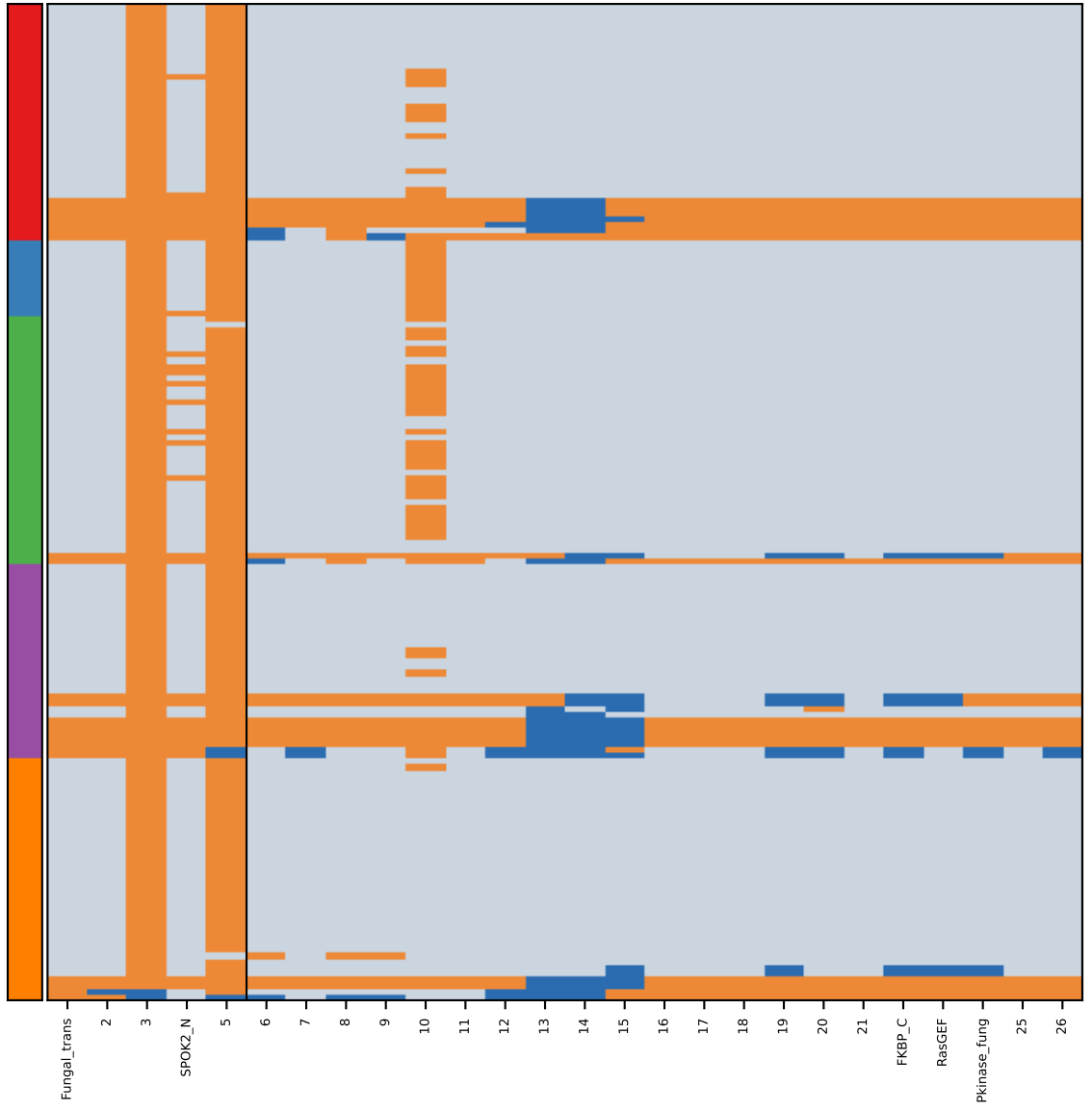
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L224 61 genes content 0% of 169 strains type: unresolved



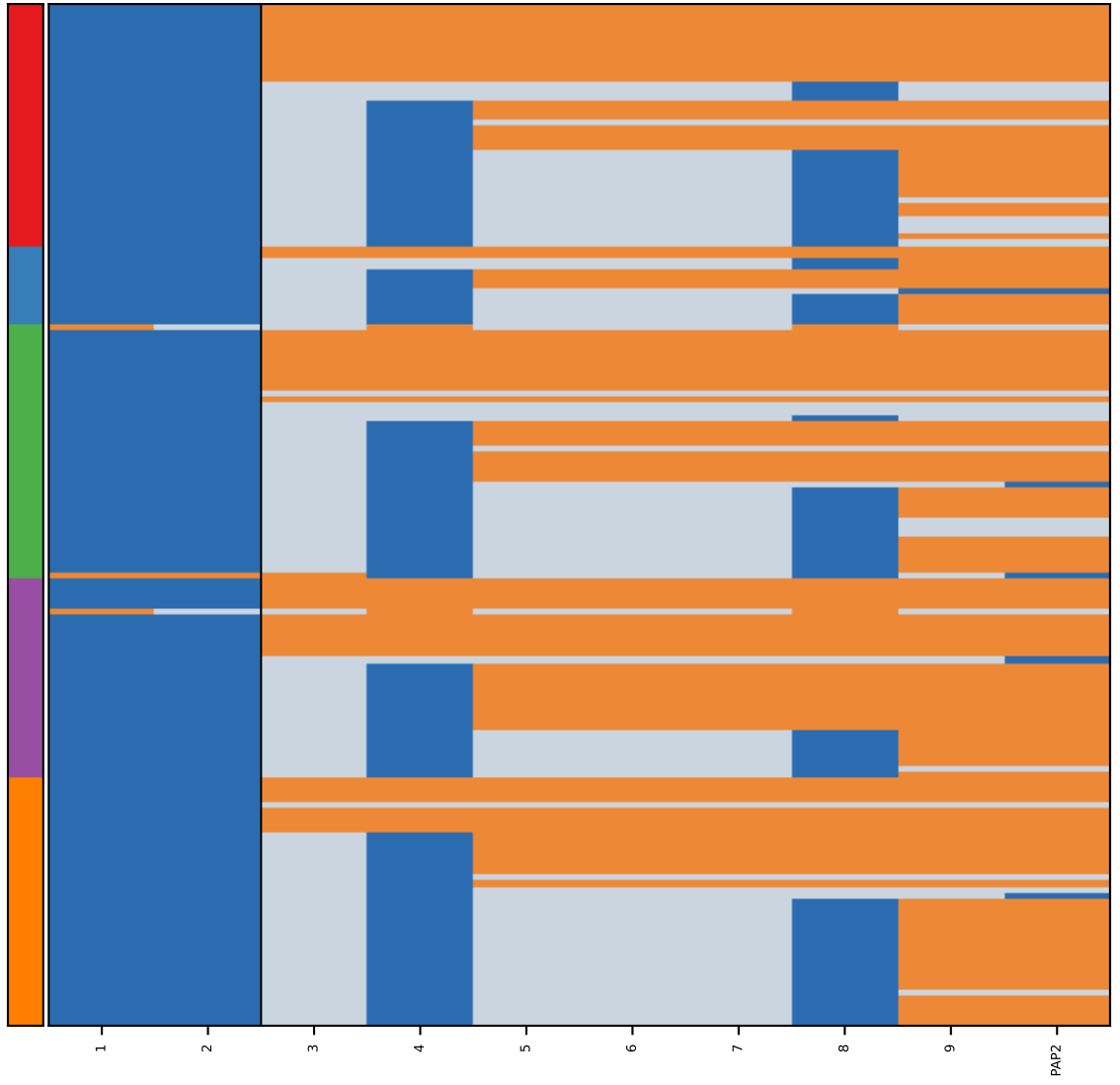
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L225 21 genes content 0% of 169 strains type: unresolved



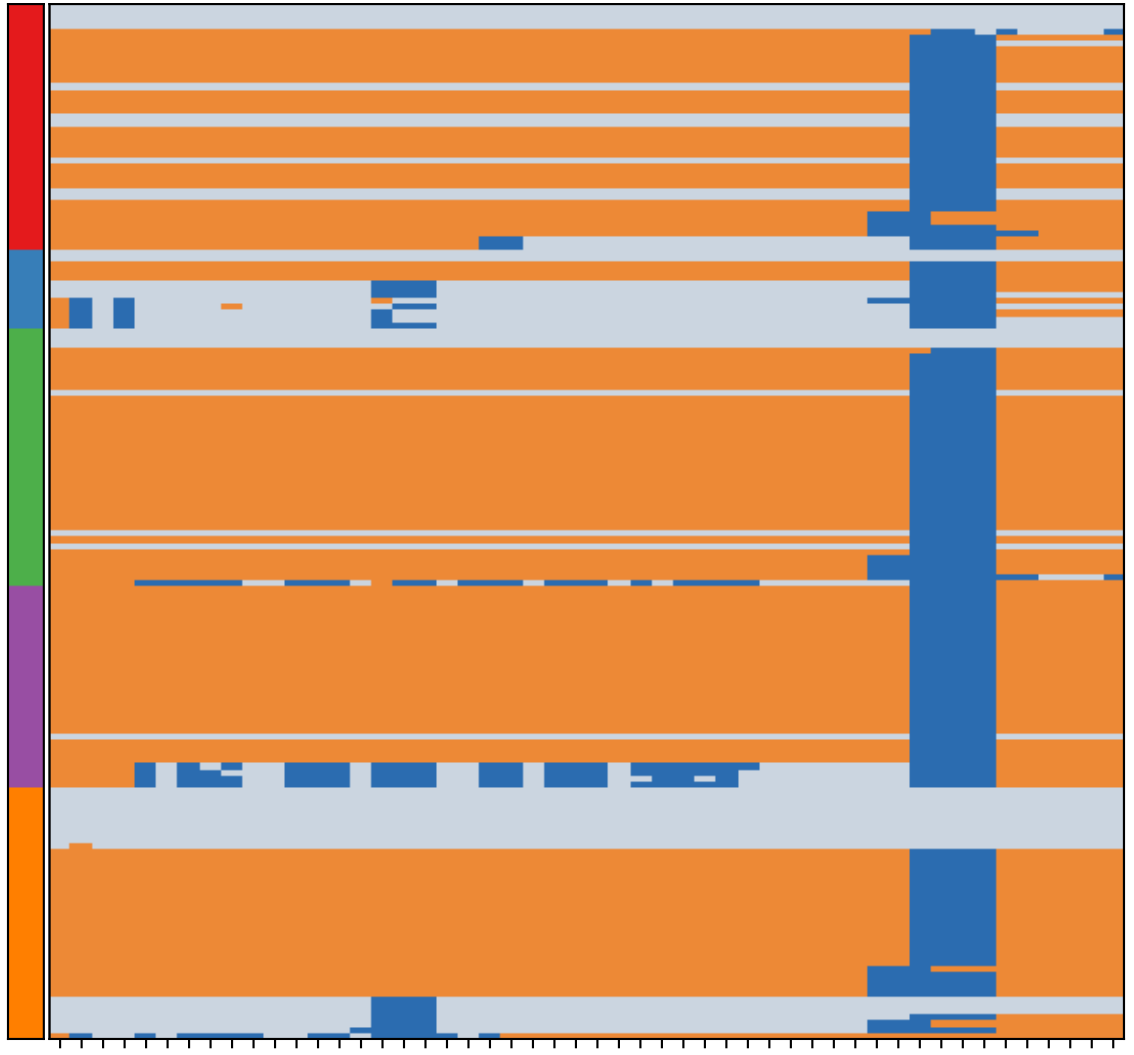
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L226 8 genes content 0% of 169 strains type: unresolved



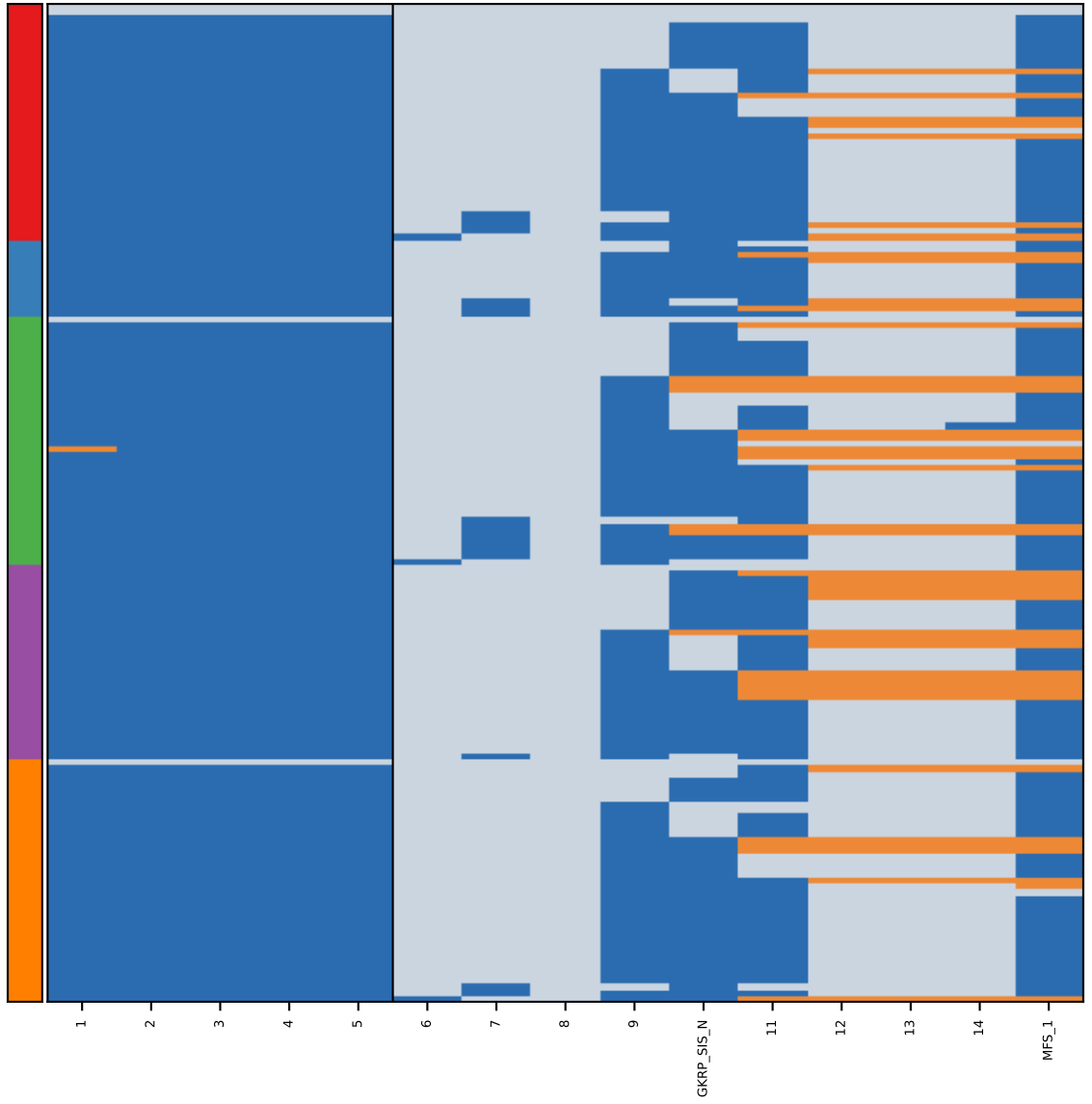
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L227 50 genes content 1% of 169 strains type: unresolved



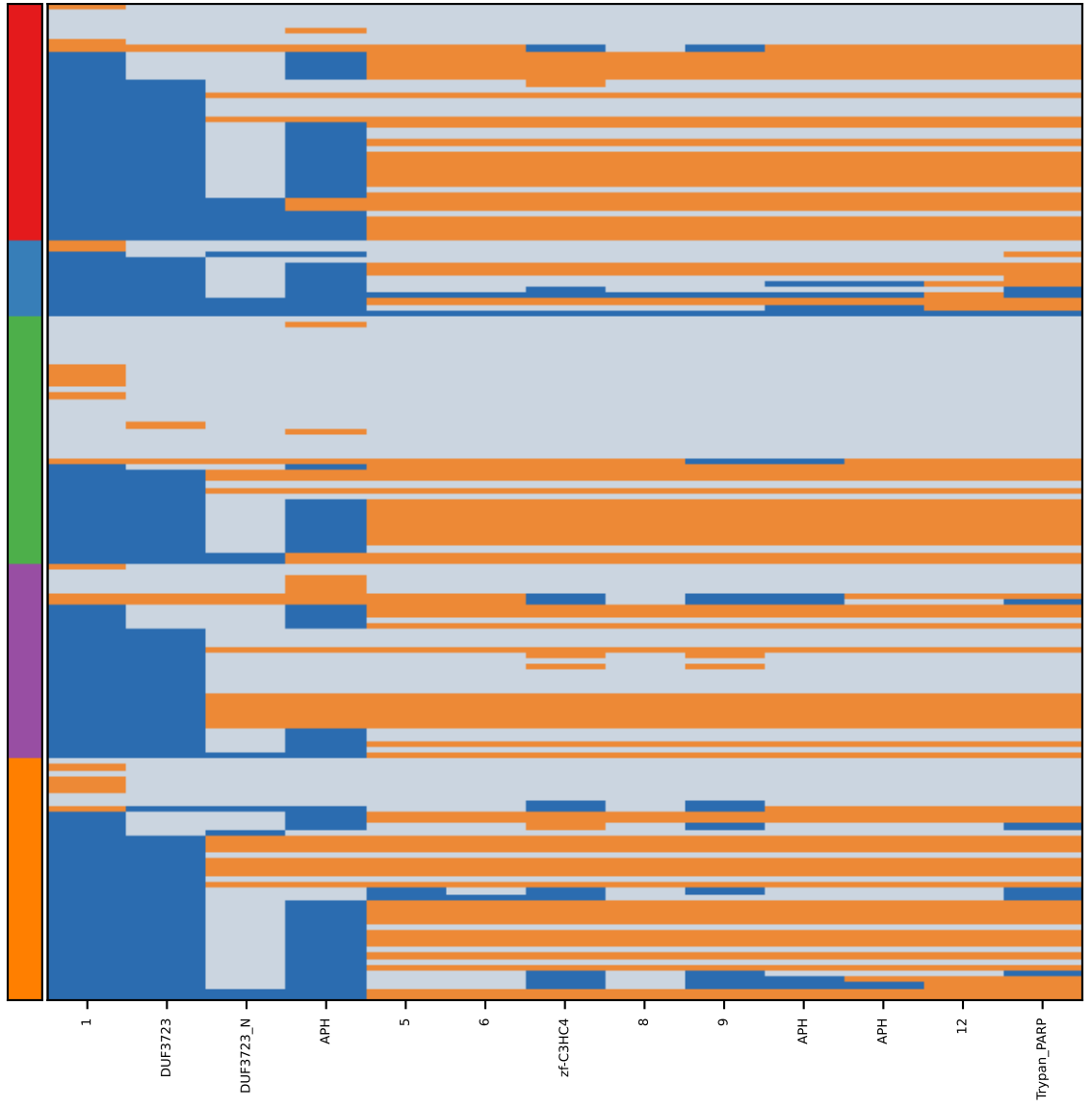
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L228 10 genes content 4% of 169 strains type: unresolved



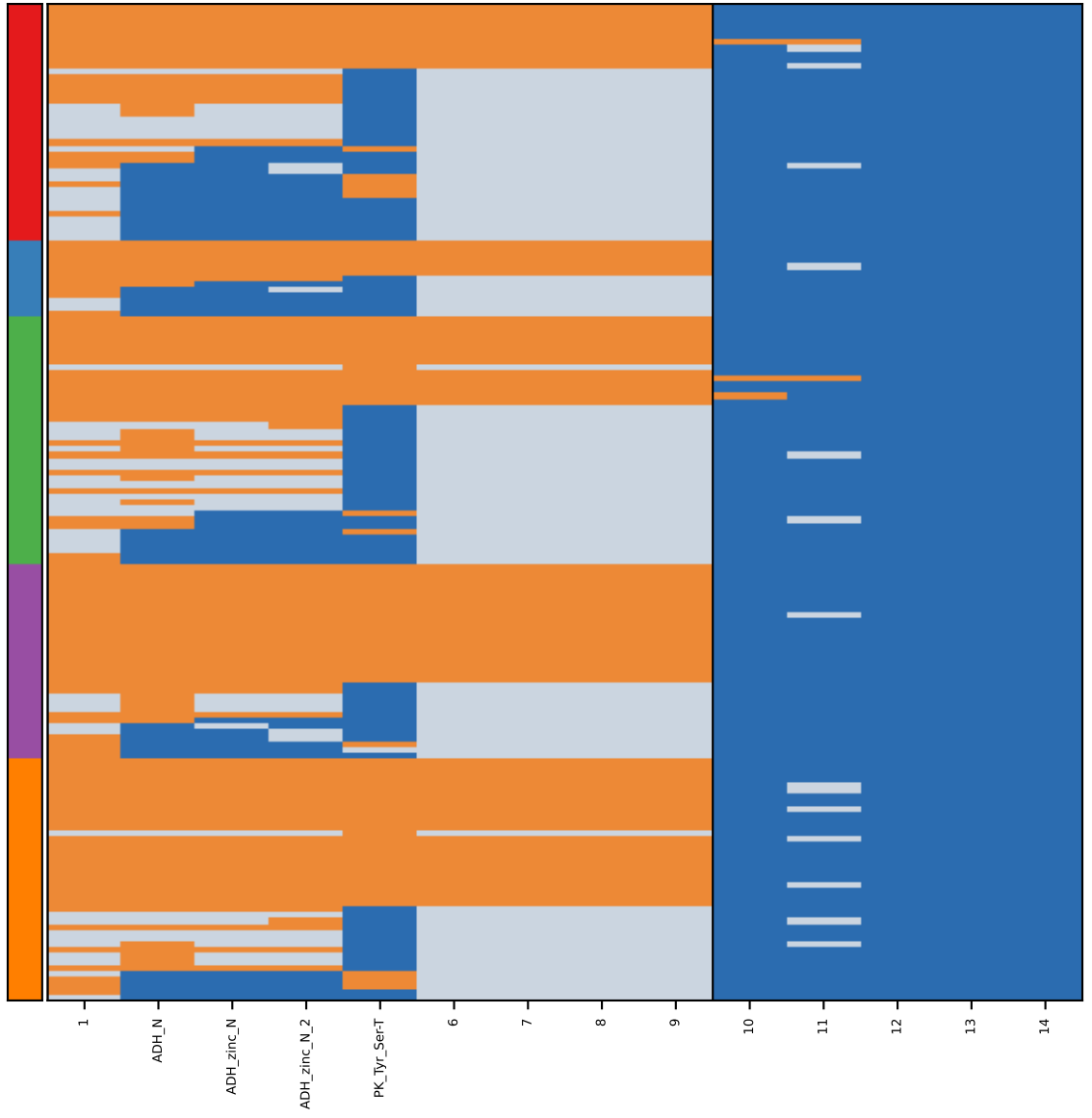
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L229 13 genes content 2% of 169 strains type: unresolved



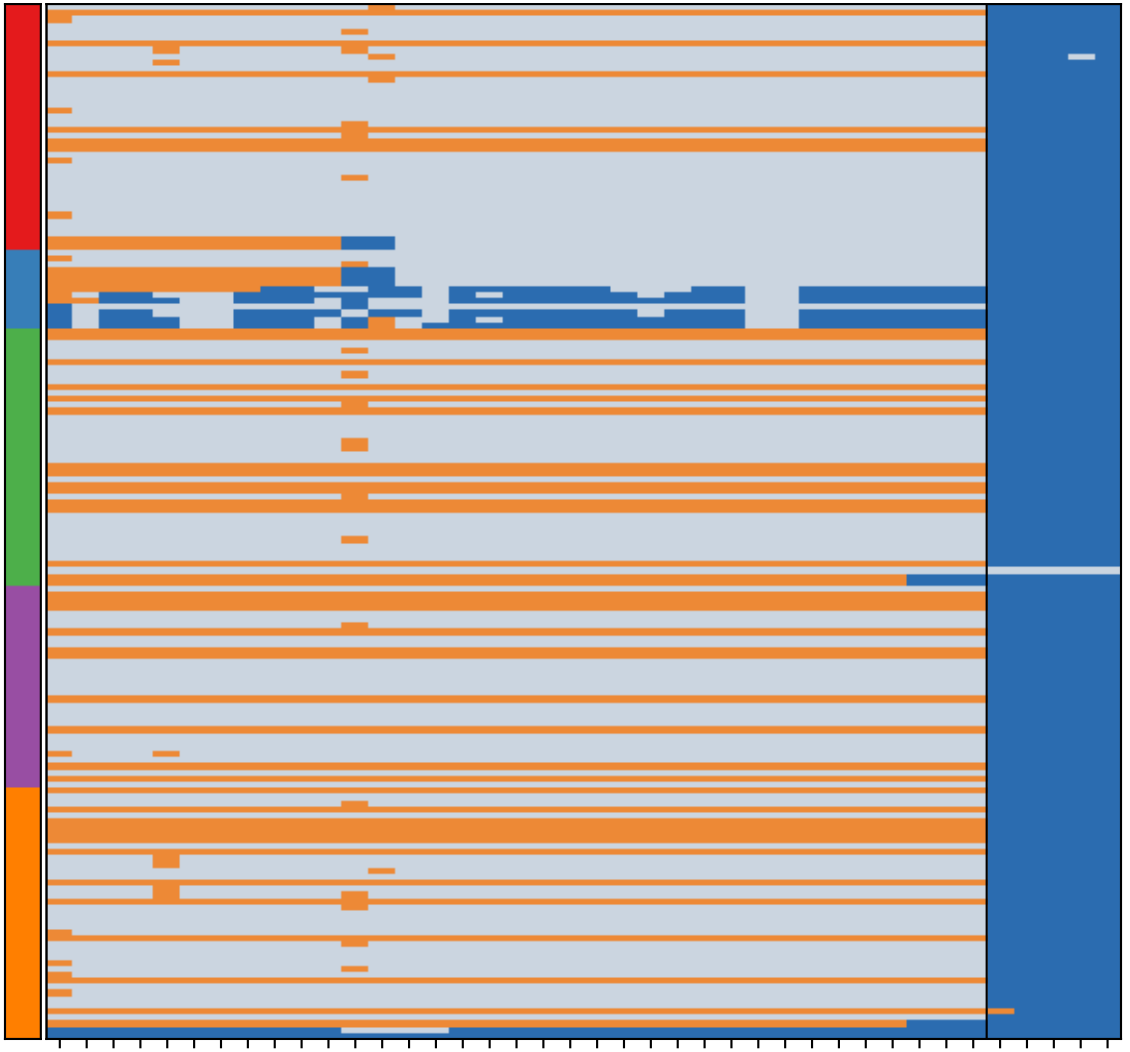
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L230 9 genes content 0% of 169 strains type: unresolved



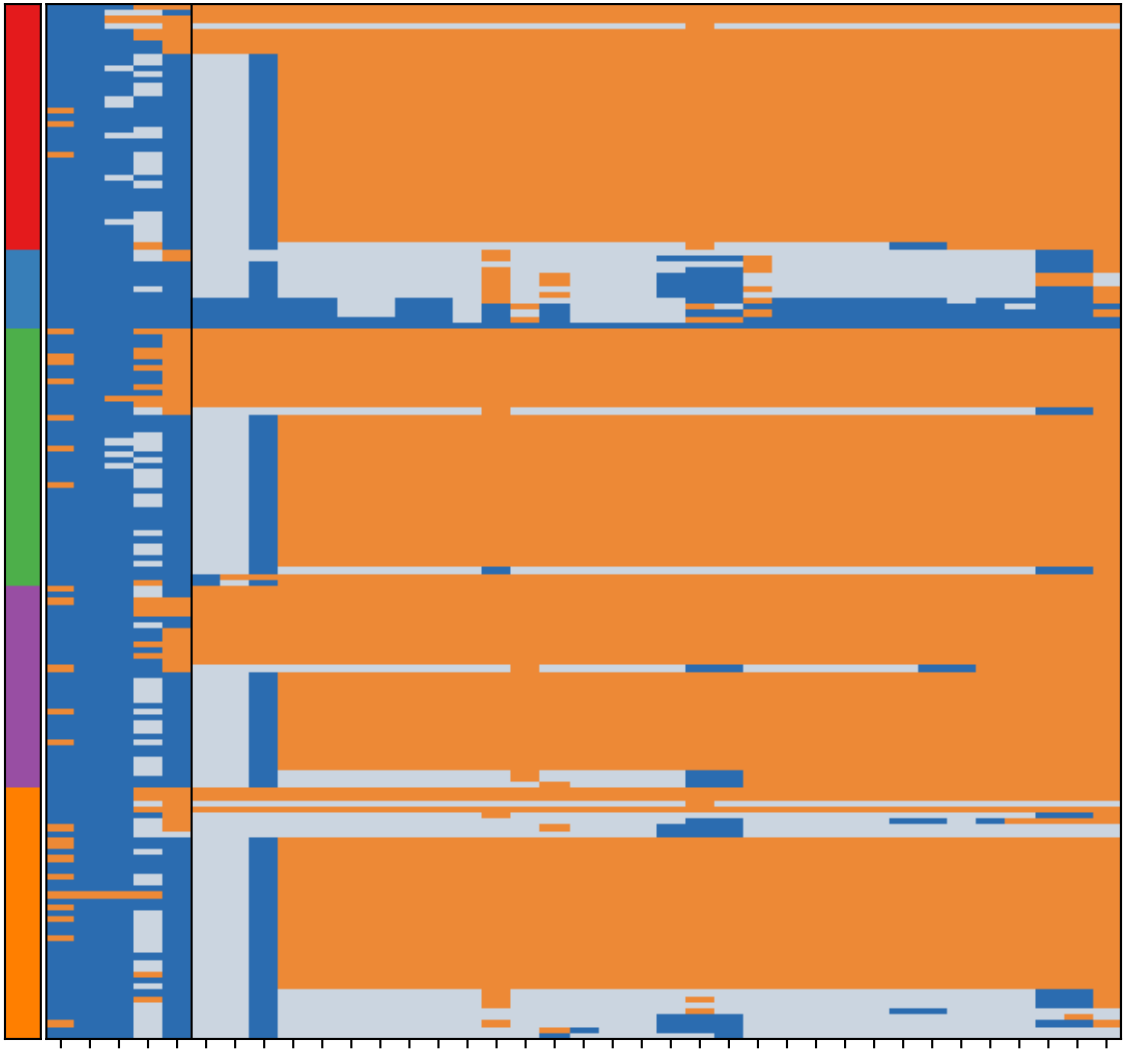
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L231 35 genes content 5% of 169 strains type: unresolved



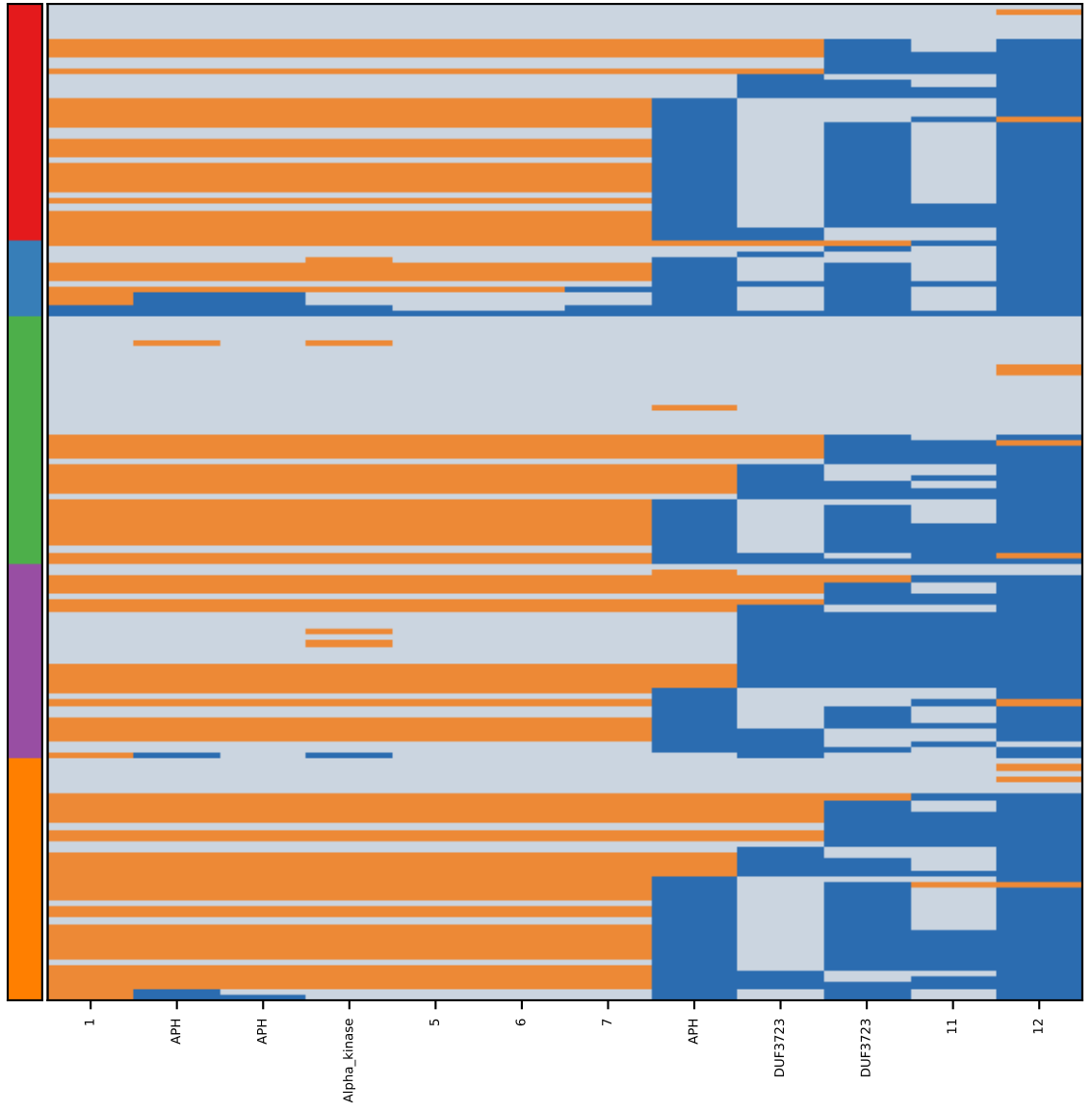
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L232 32 genes content 3% of 169 strains type: unresolved



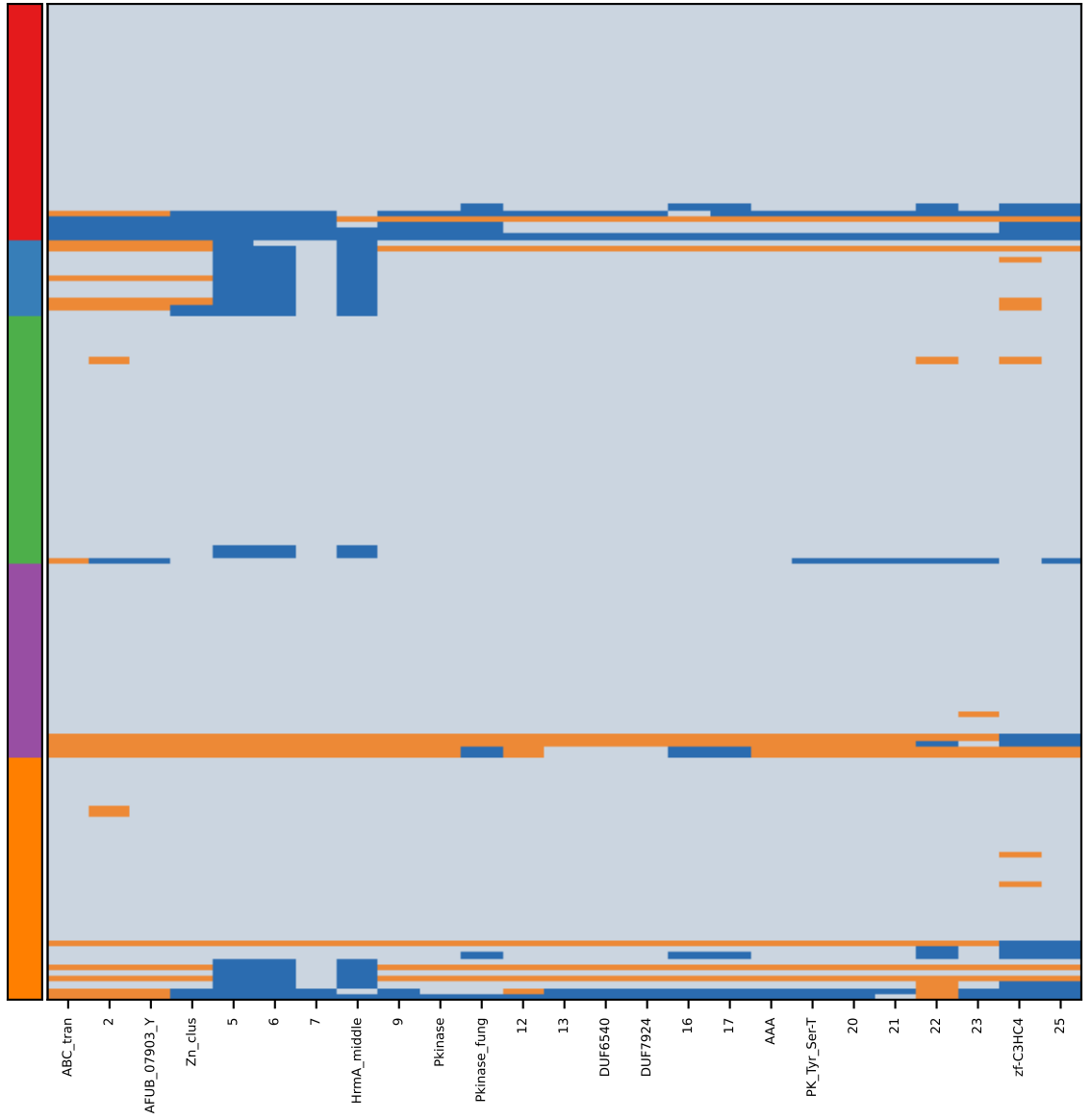
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L233 12 genes content 1% of 169 strains type: unresolved

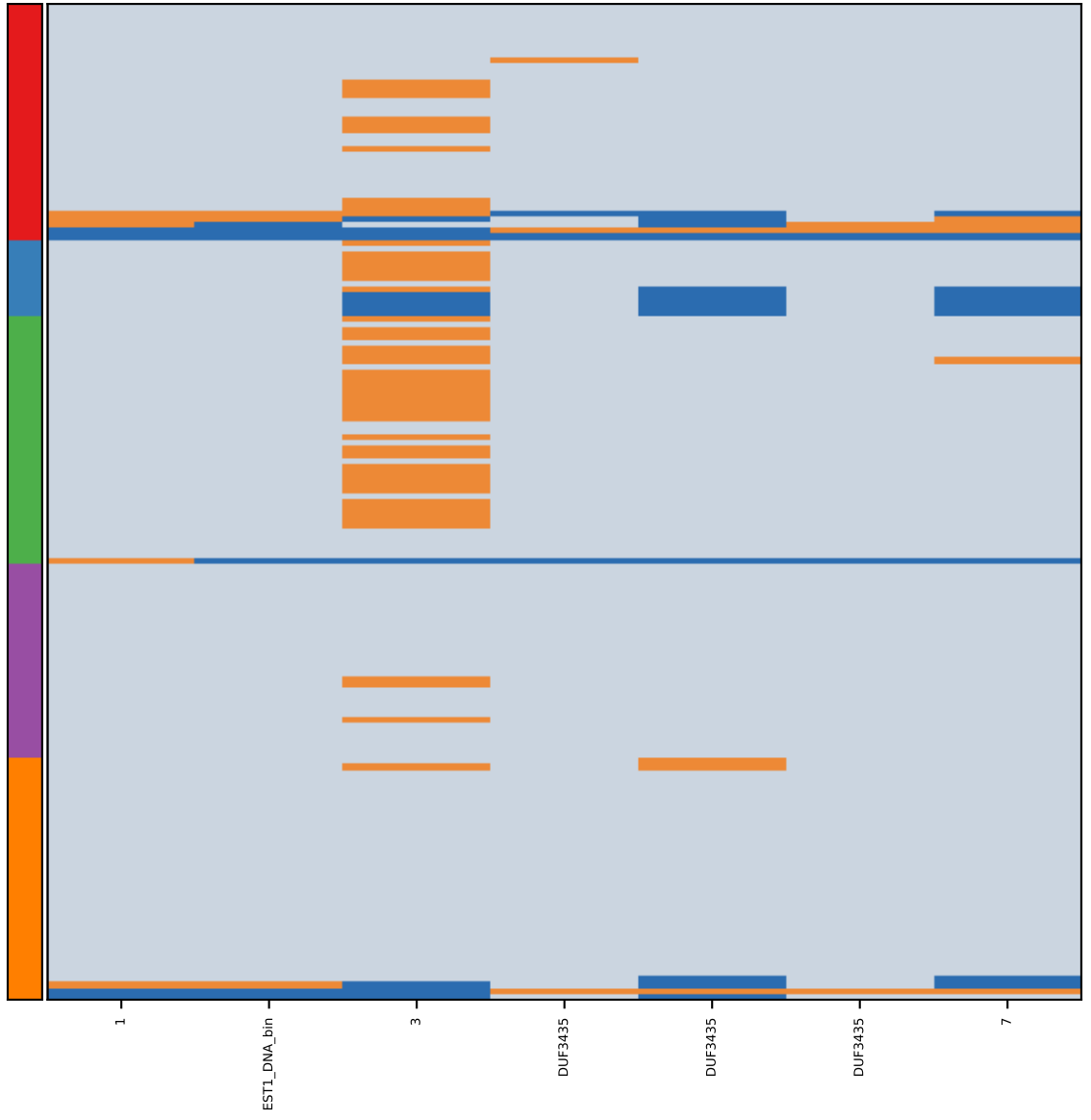


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

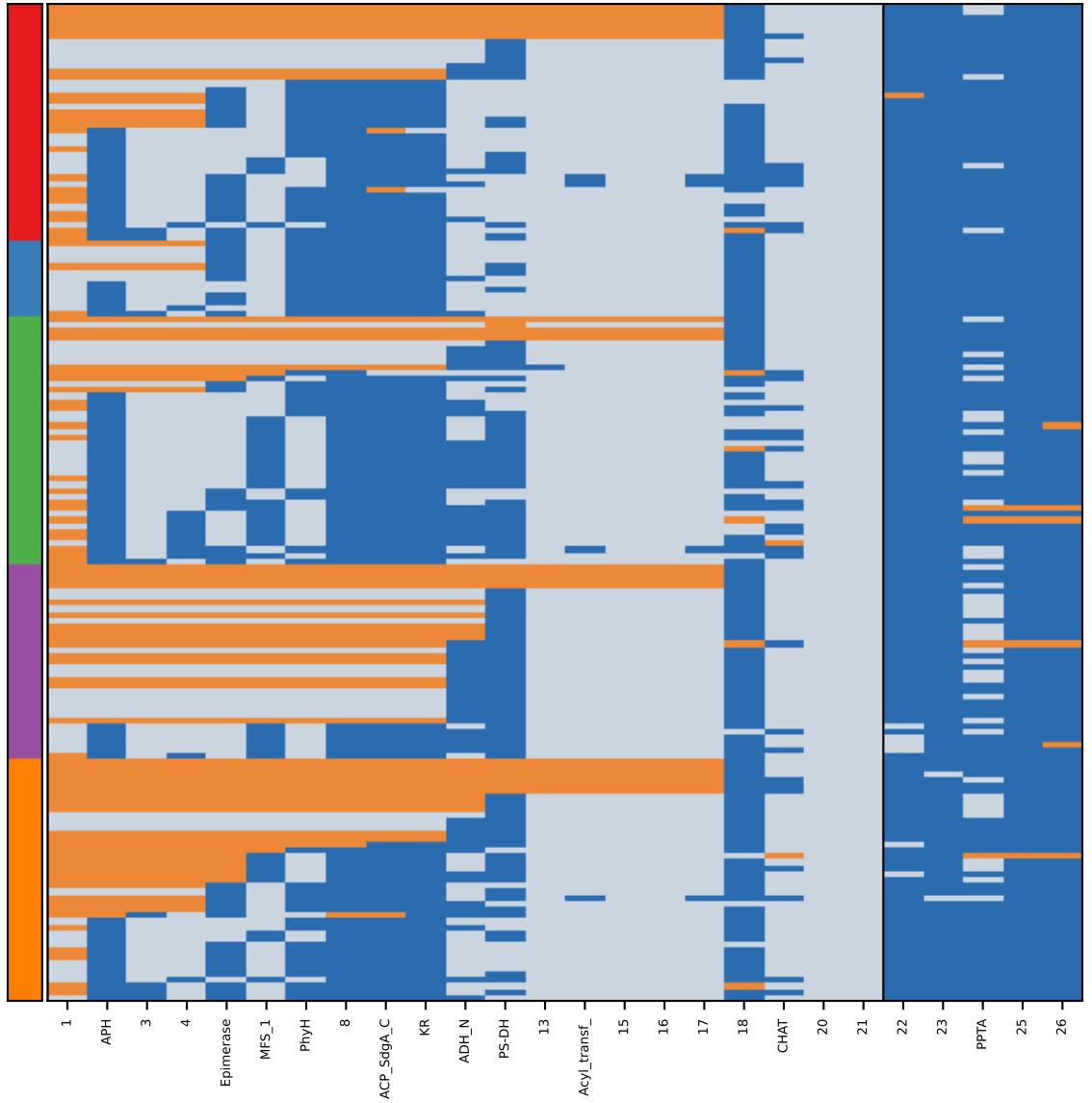
L234 25 genes content 3% of 169 strains type: unresolved



L235 7 genes content 2% of 169 strains type: unresolved

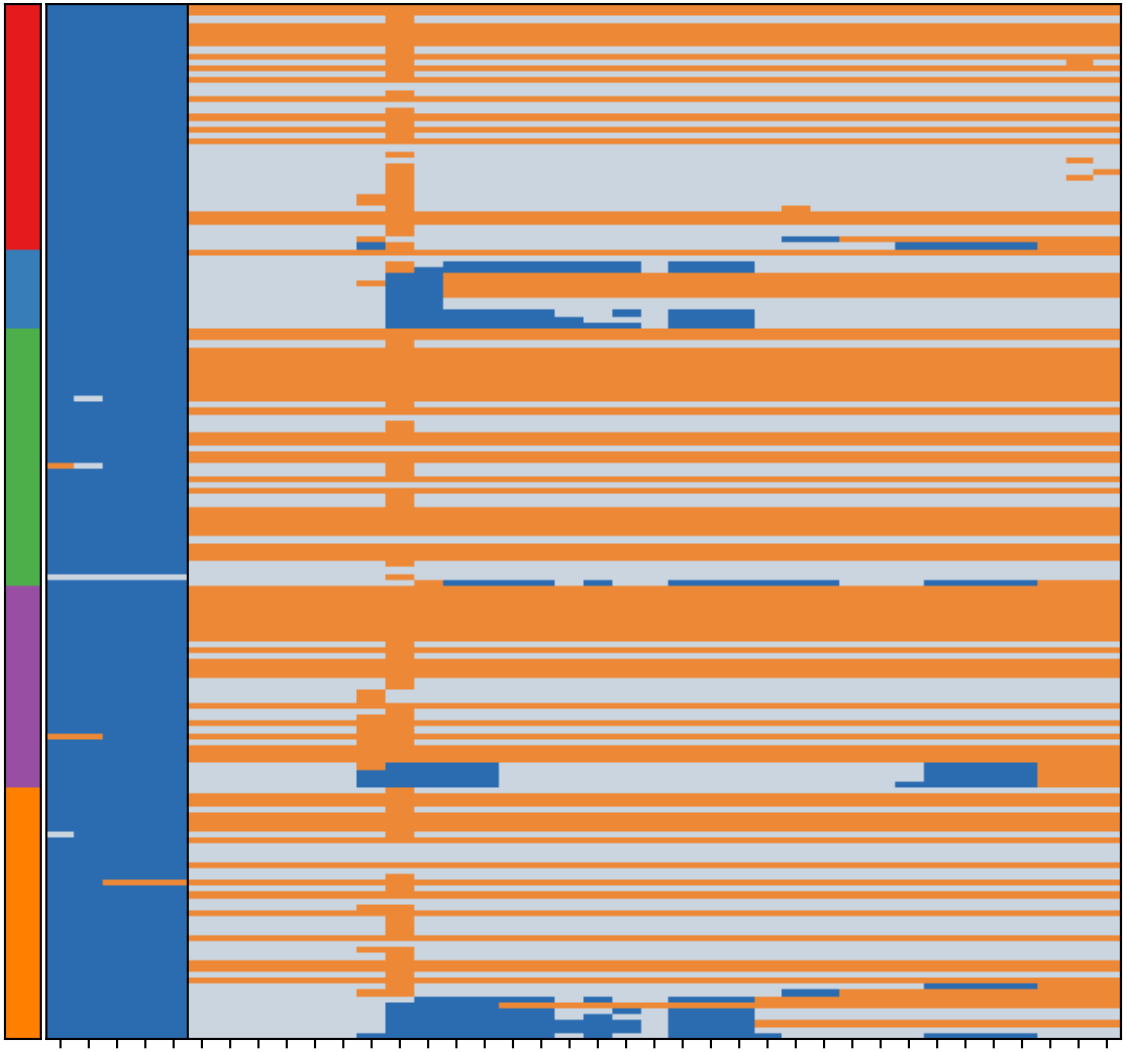


L236 21 genes content 1% of 169 strains type: unresolved



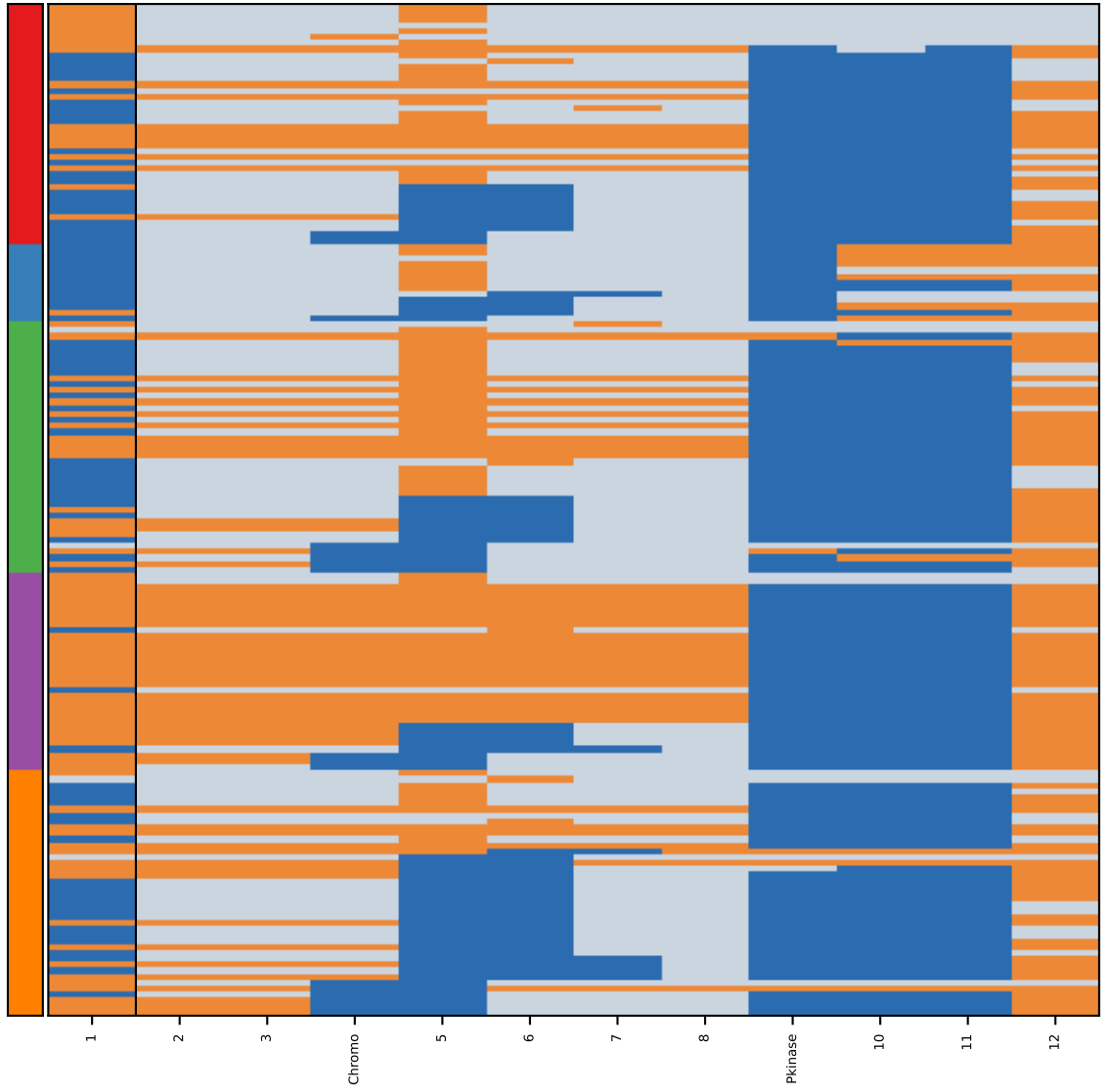
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L237 33 genes content 0% of 169 strains type: unresolved



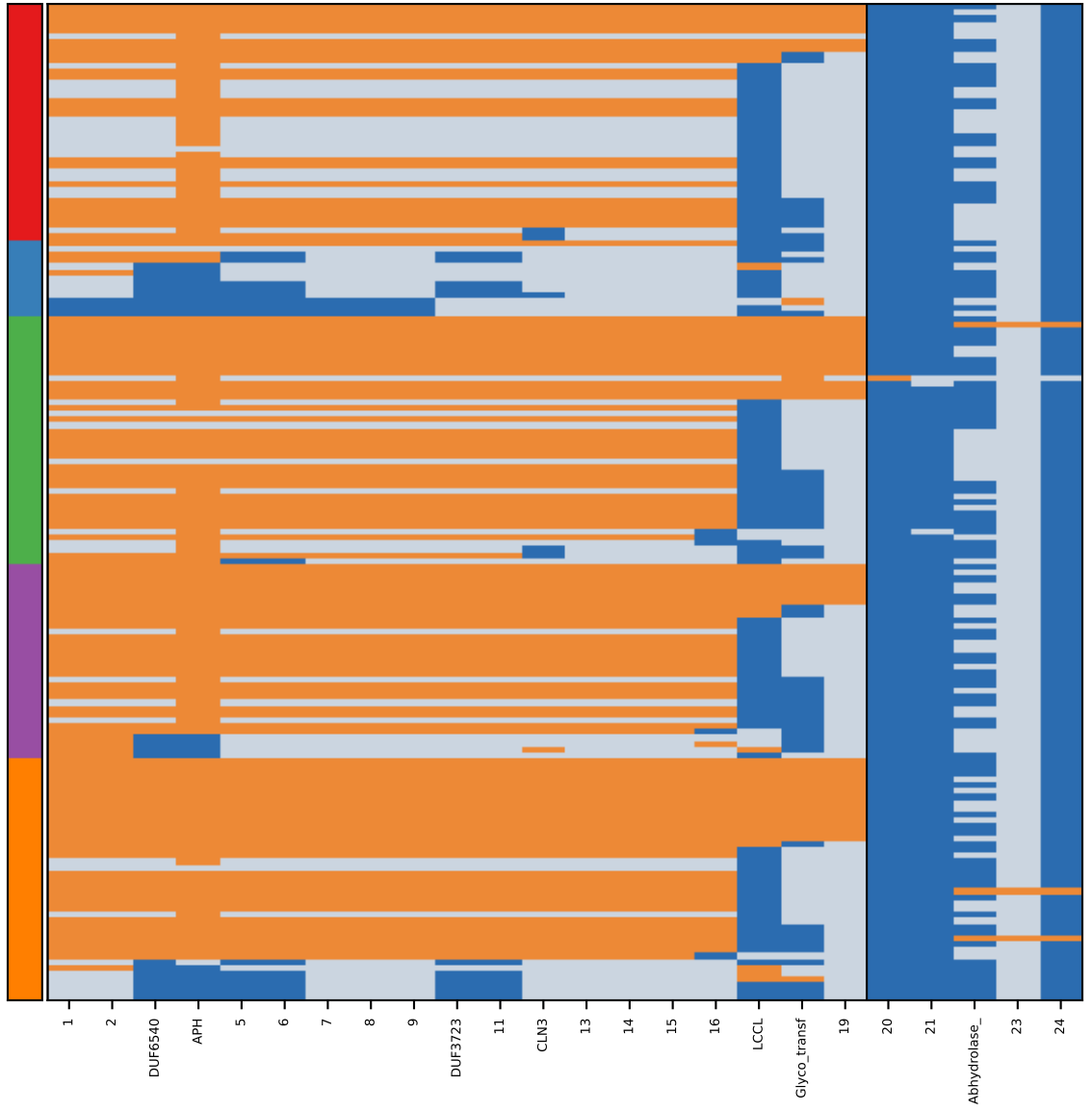
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L238 11 genes content 3% of 169 strains type: unresolved

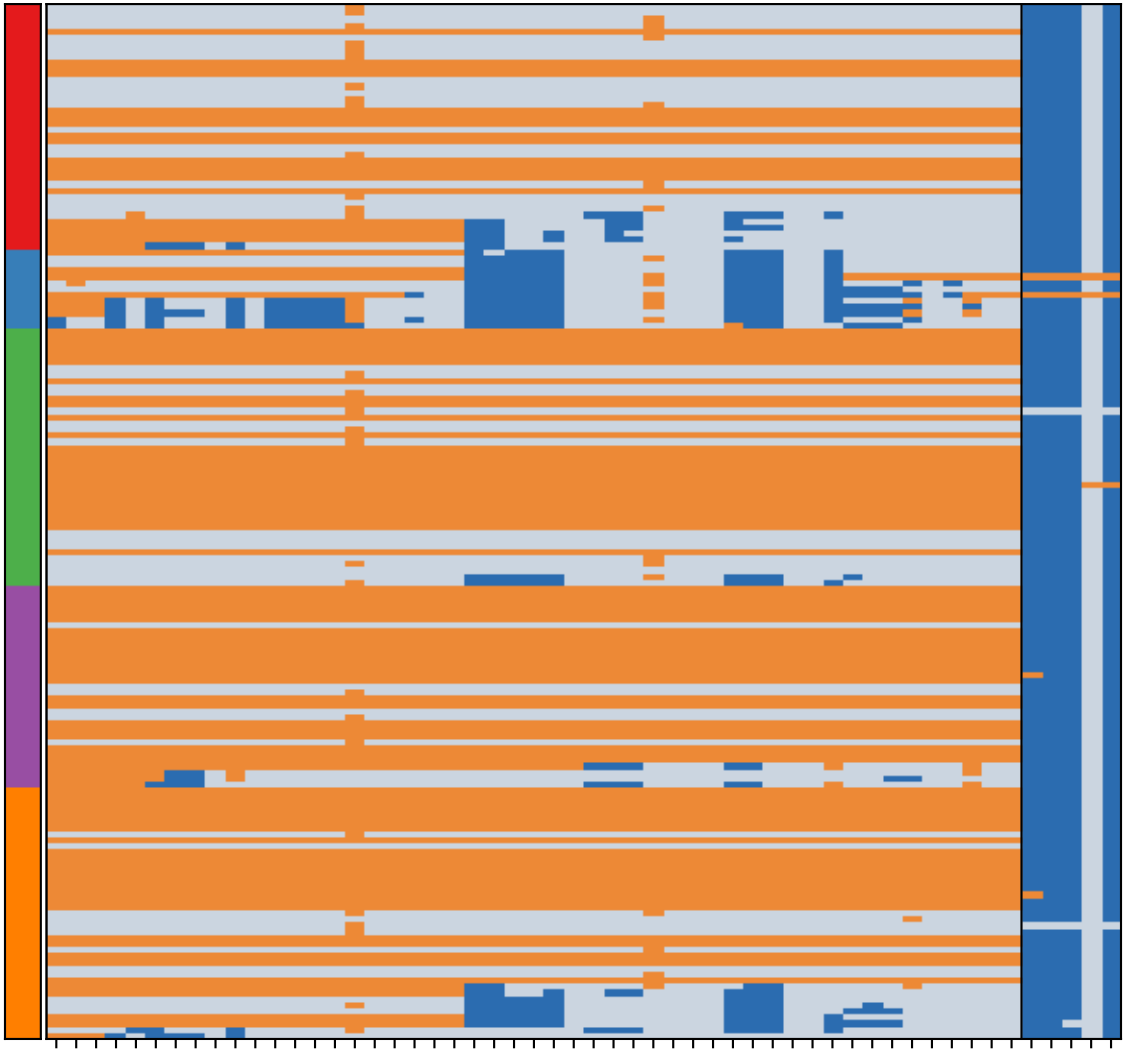


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L239 19 genes content 1% of 169 strains type: unresolved

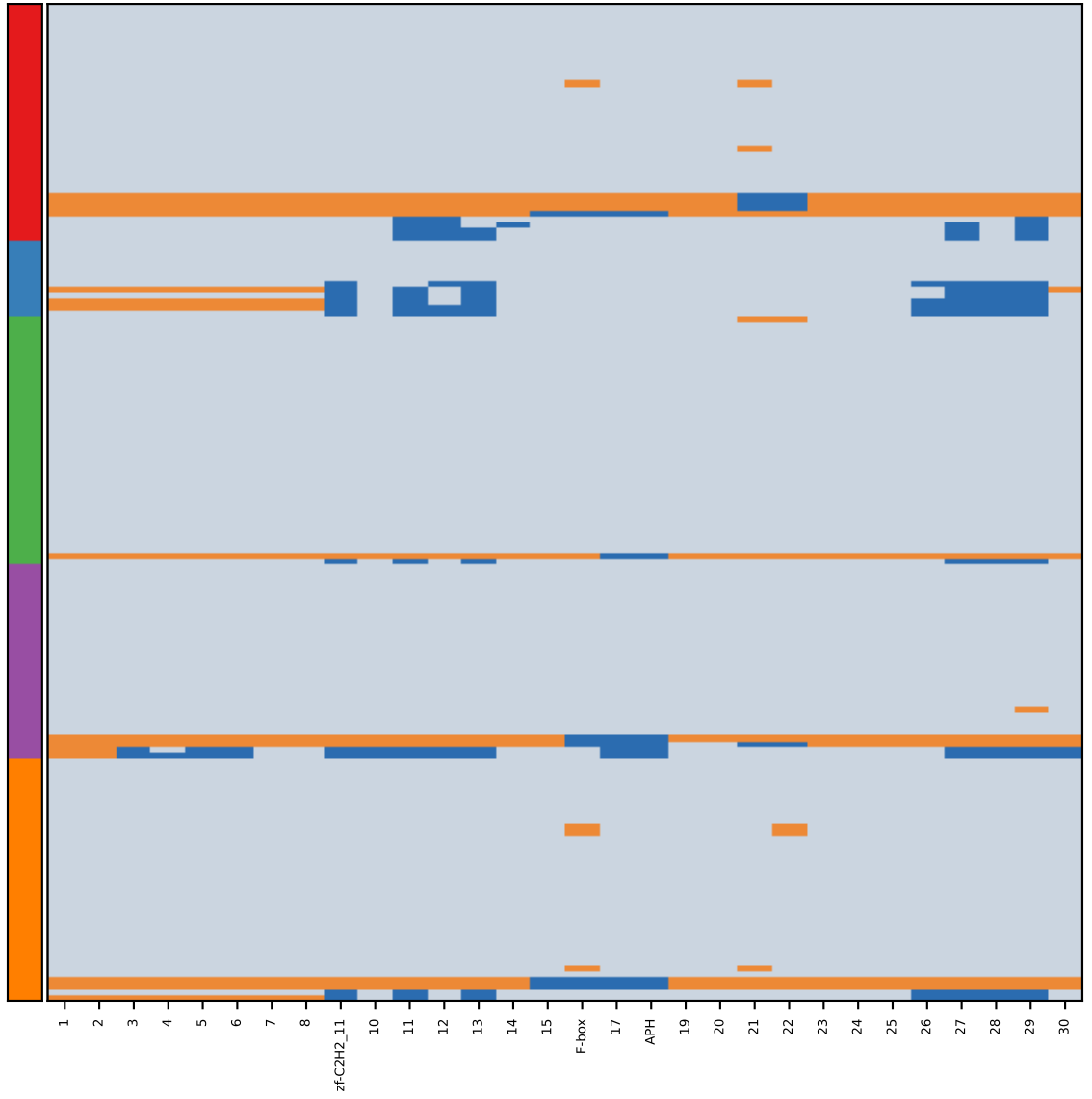


L240 49 genes content 0% of 169 strains type: unresolved



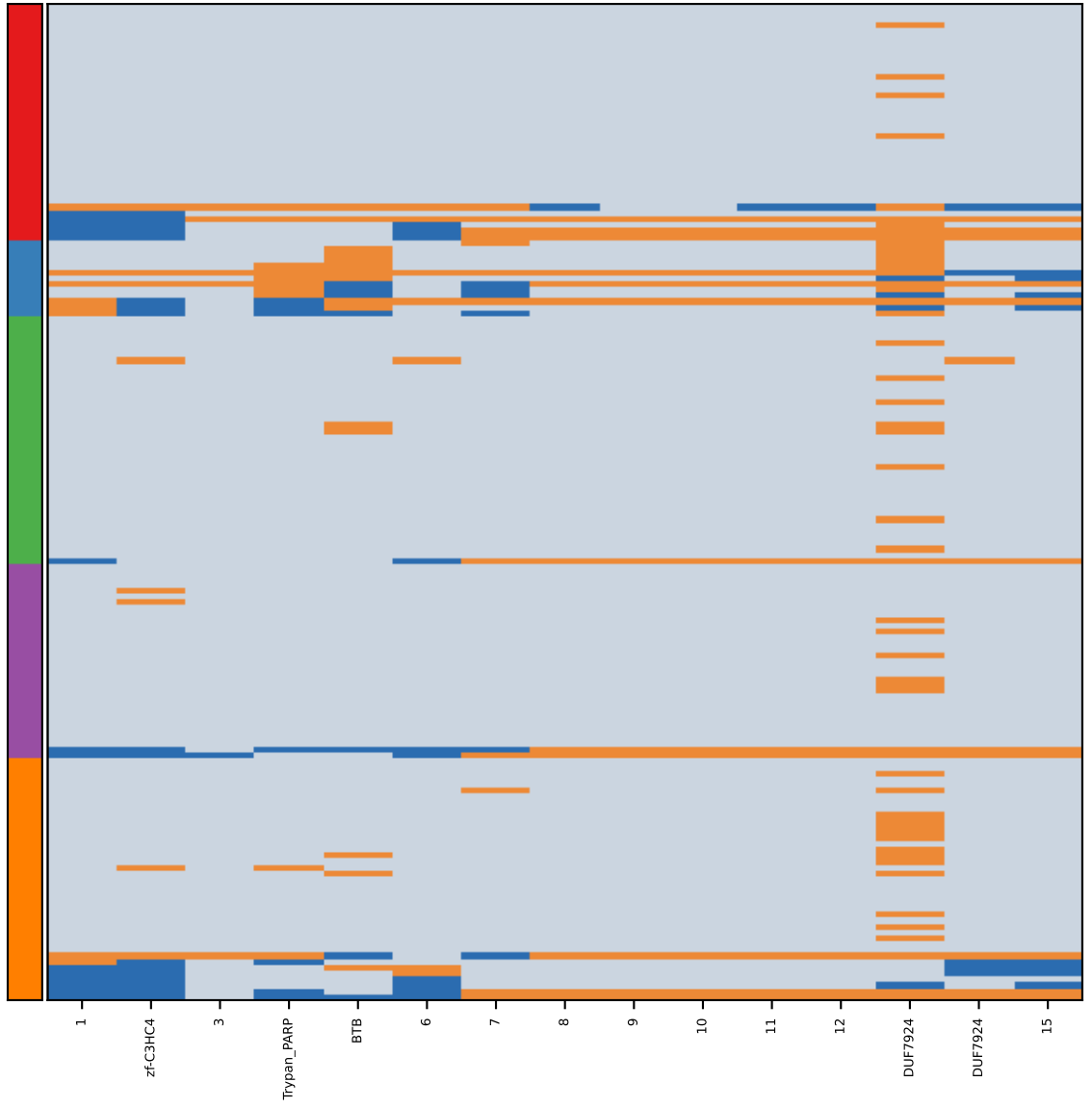
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L241 30 genes content 1% of 169 strains type: unresolved



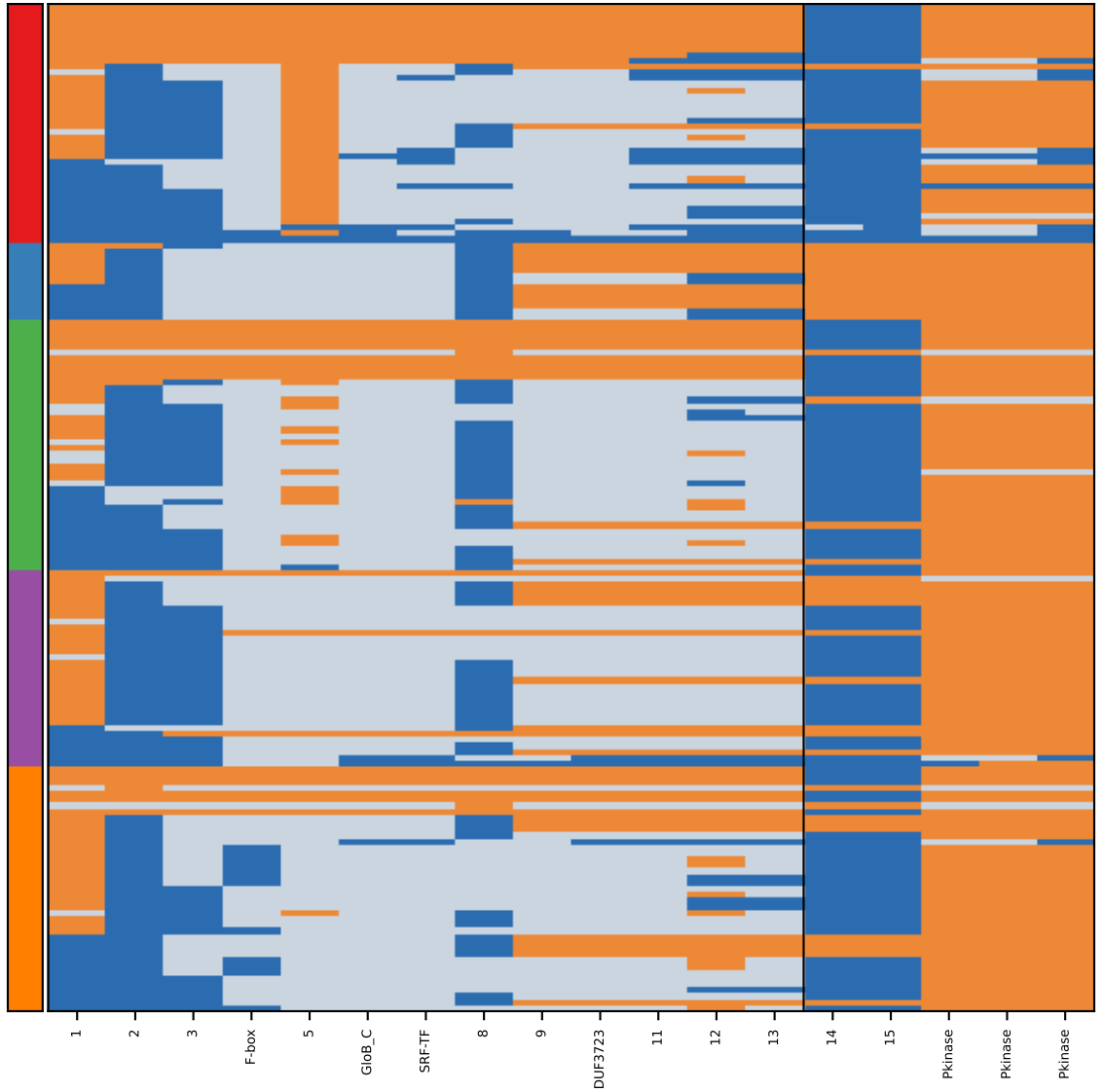
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L242 15 genes content 0% of 169 strains type: unresolved



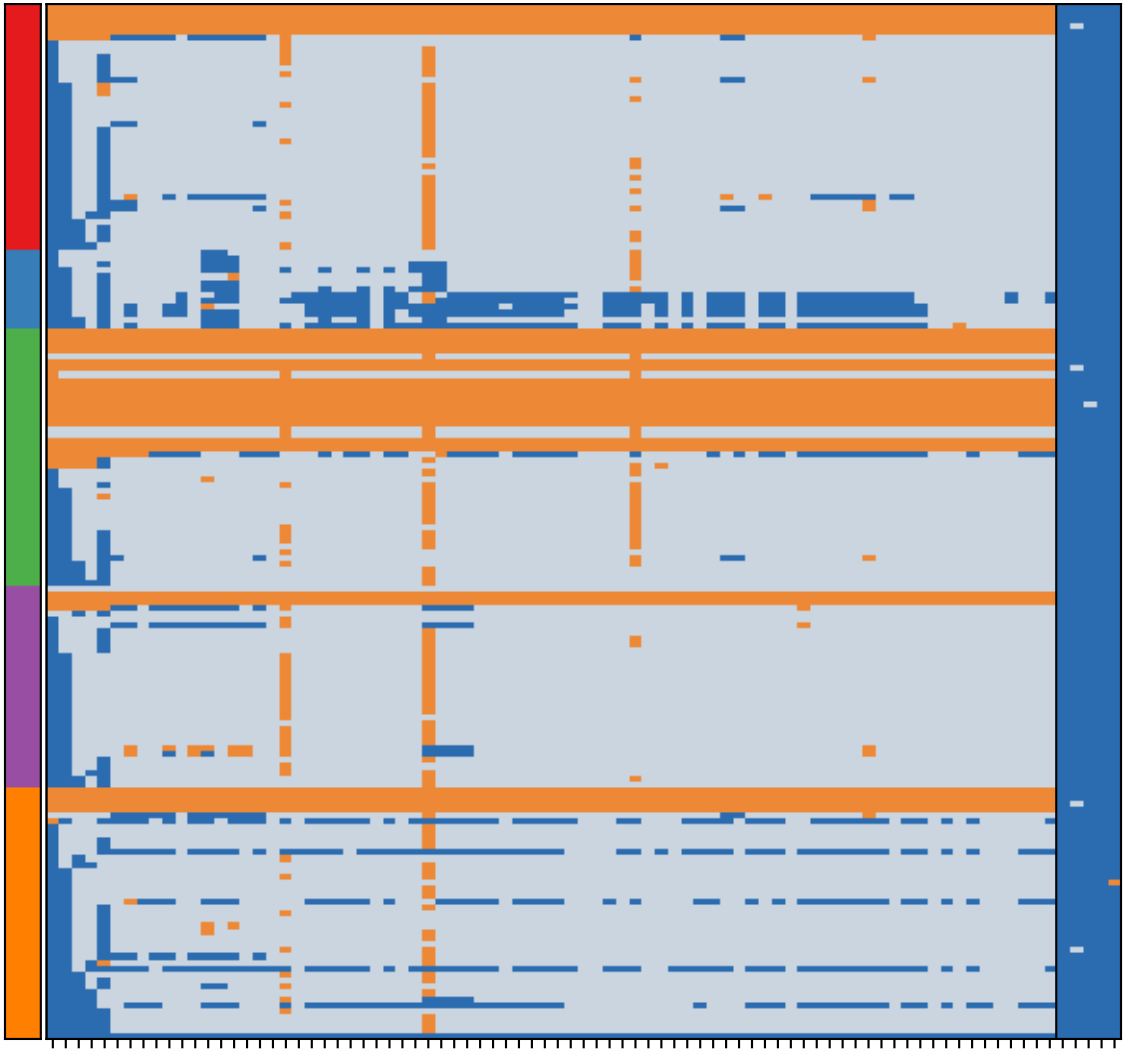
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L243 13 genes content 5% of 169 strains type: unresolved



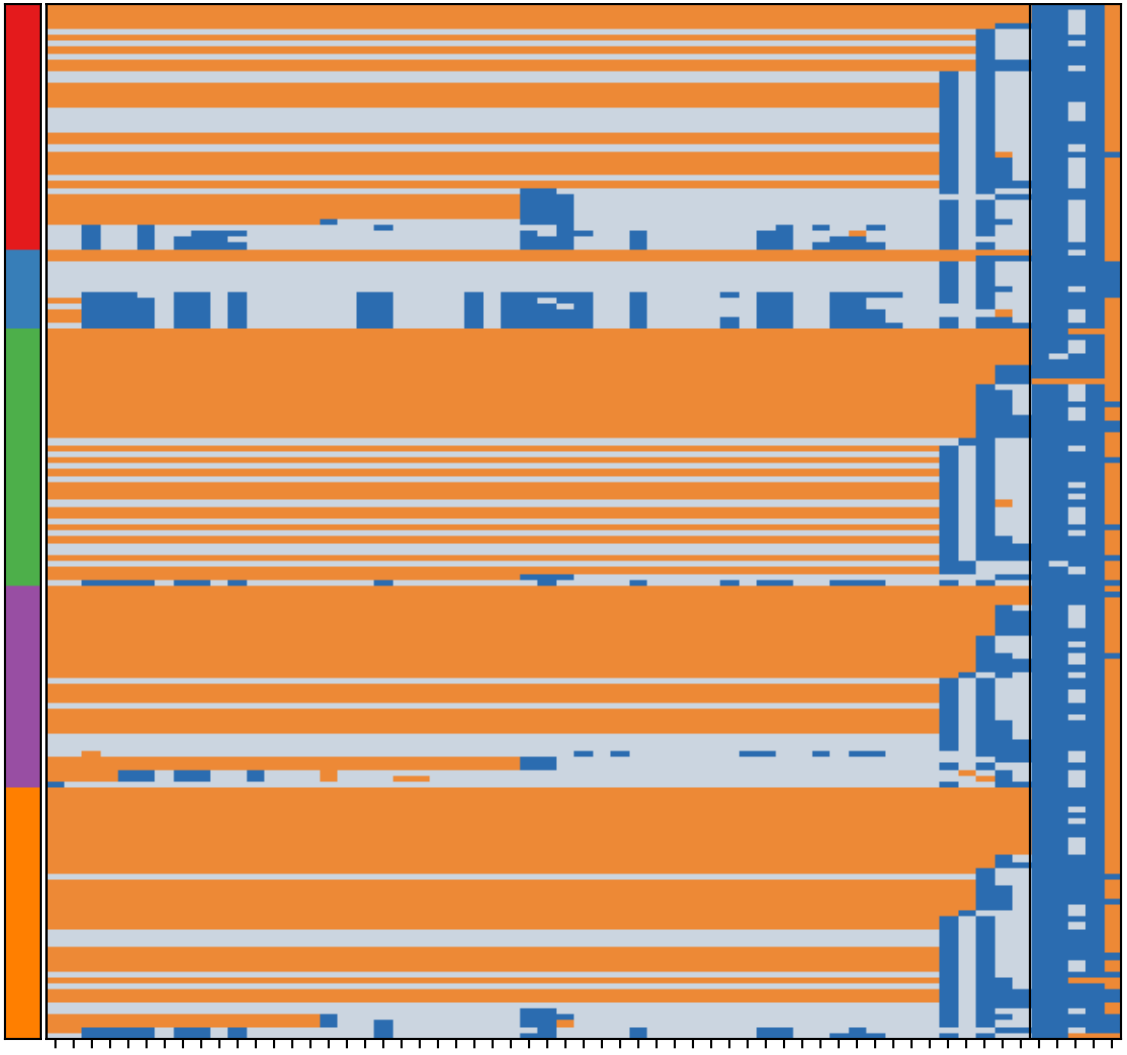
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L244 78 genes content 7% of 169 strains type: unresolved



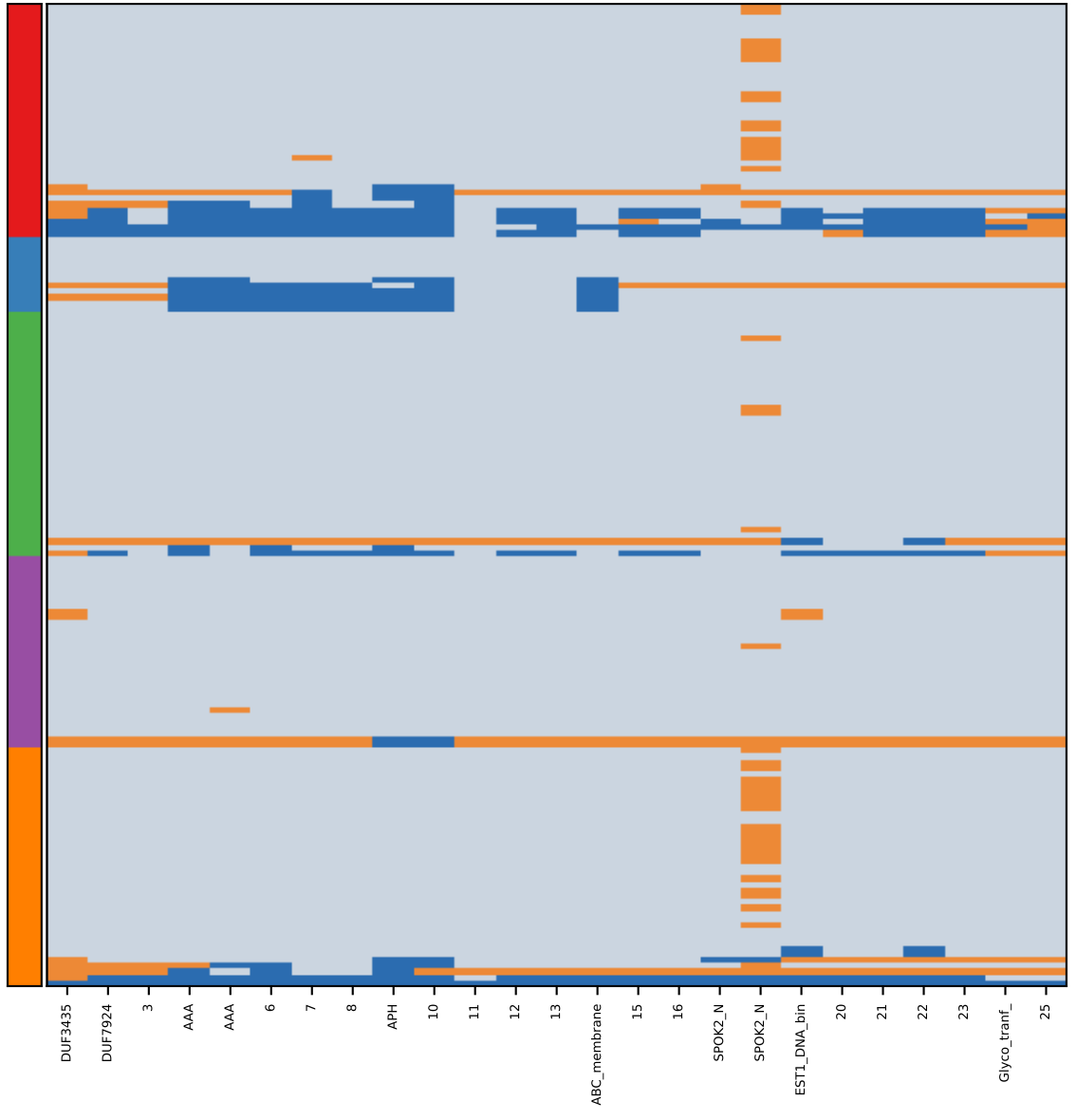
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L245 54 genes content 1% of 169 strains type: unresolved

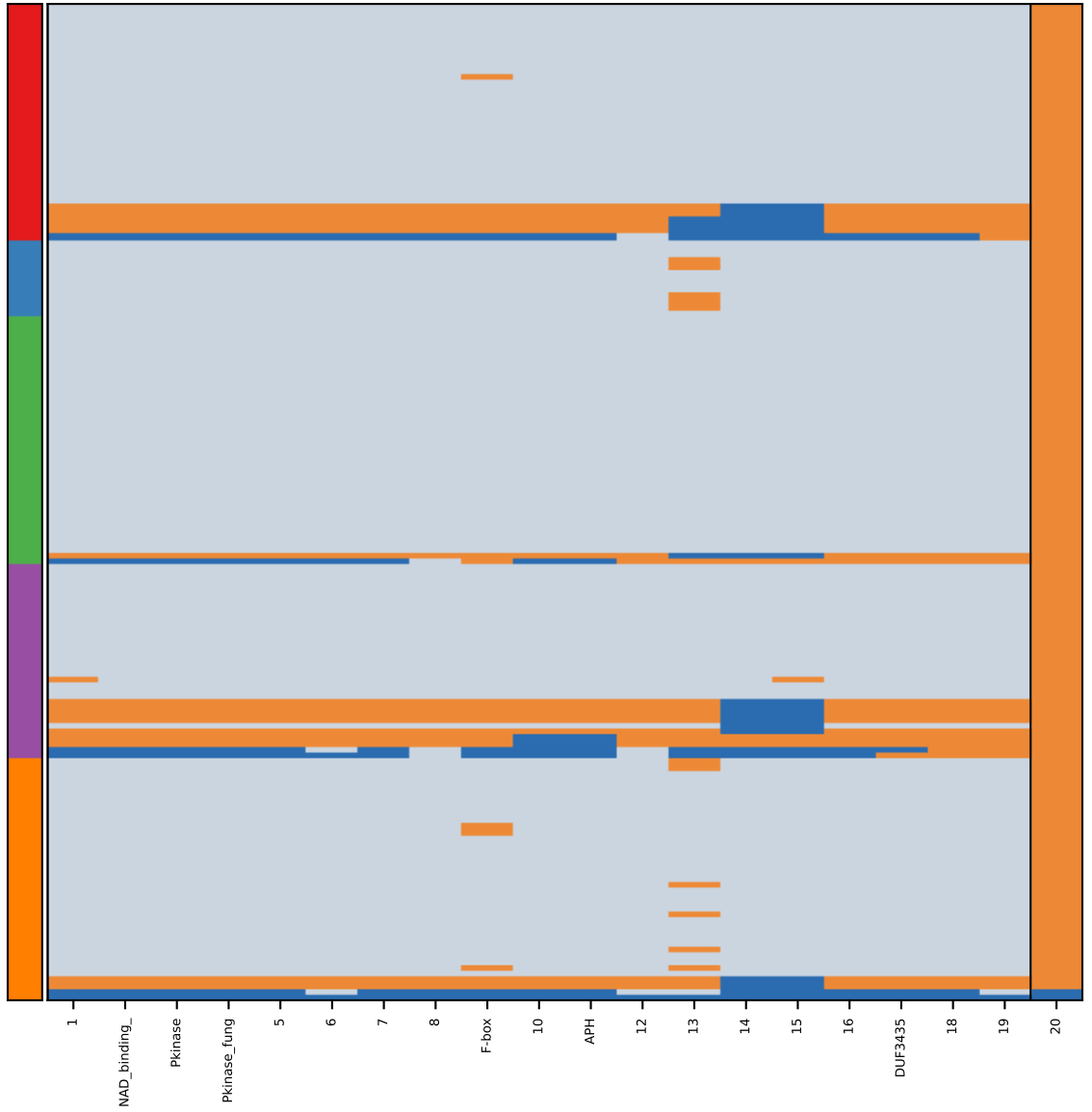


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

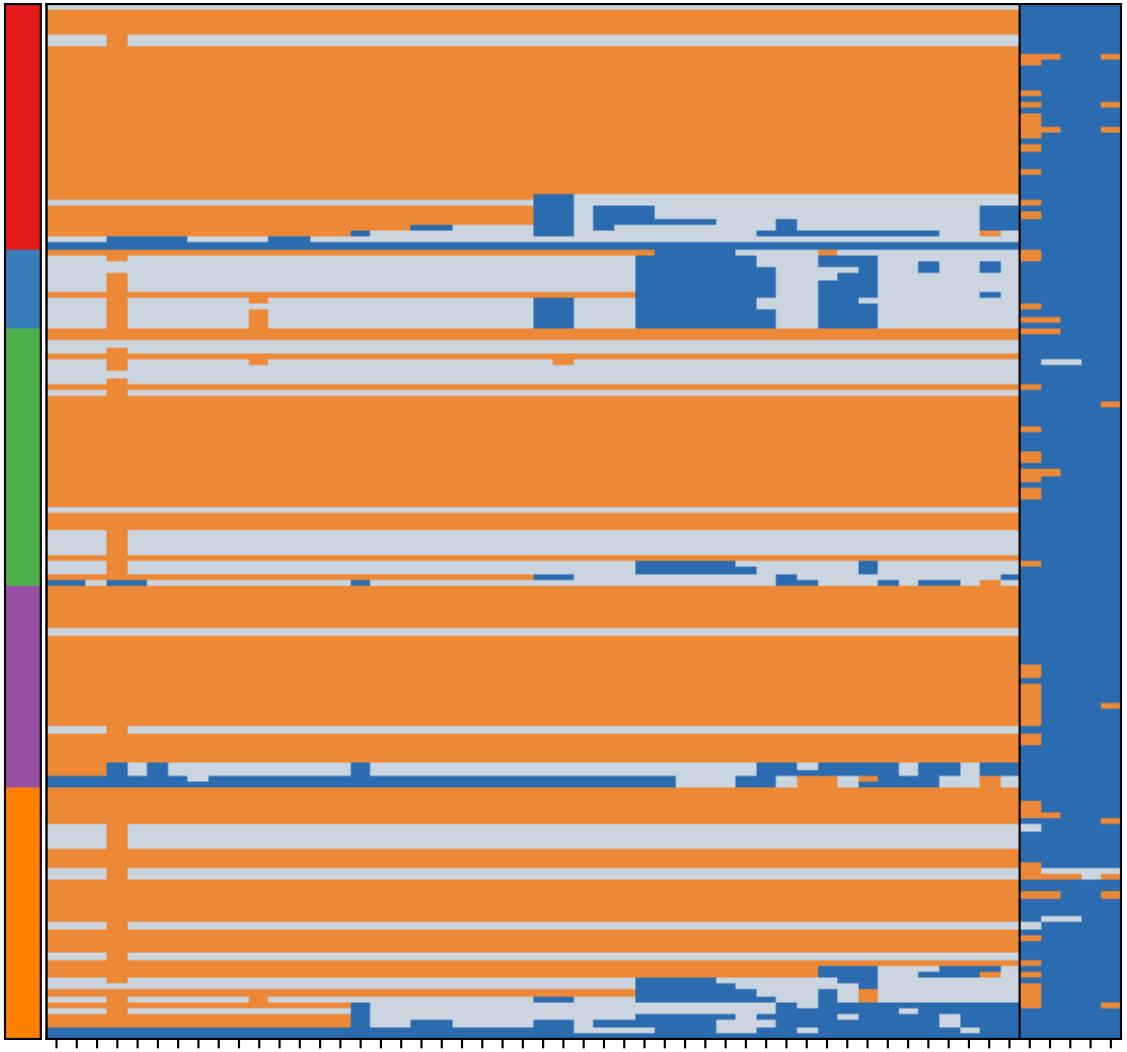
L246 25 genes content 5% of 169 strains type: unresolved



L247 19 genes content 3% of 169 strains type: unresolved

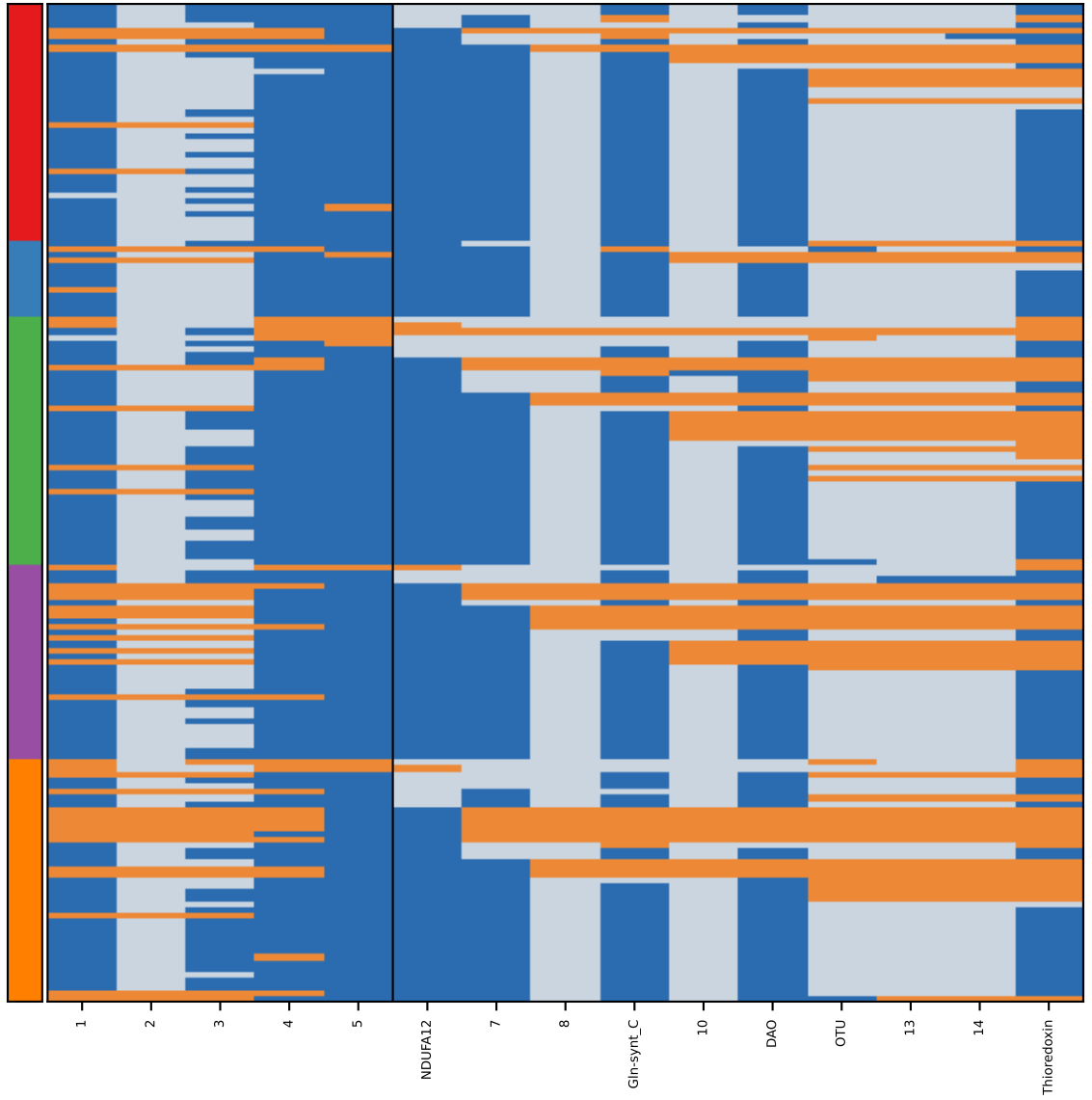


L248 48 genes content 3% of 169 strains type: unresolved

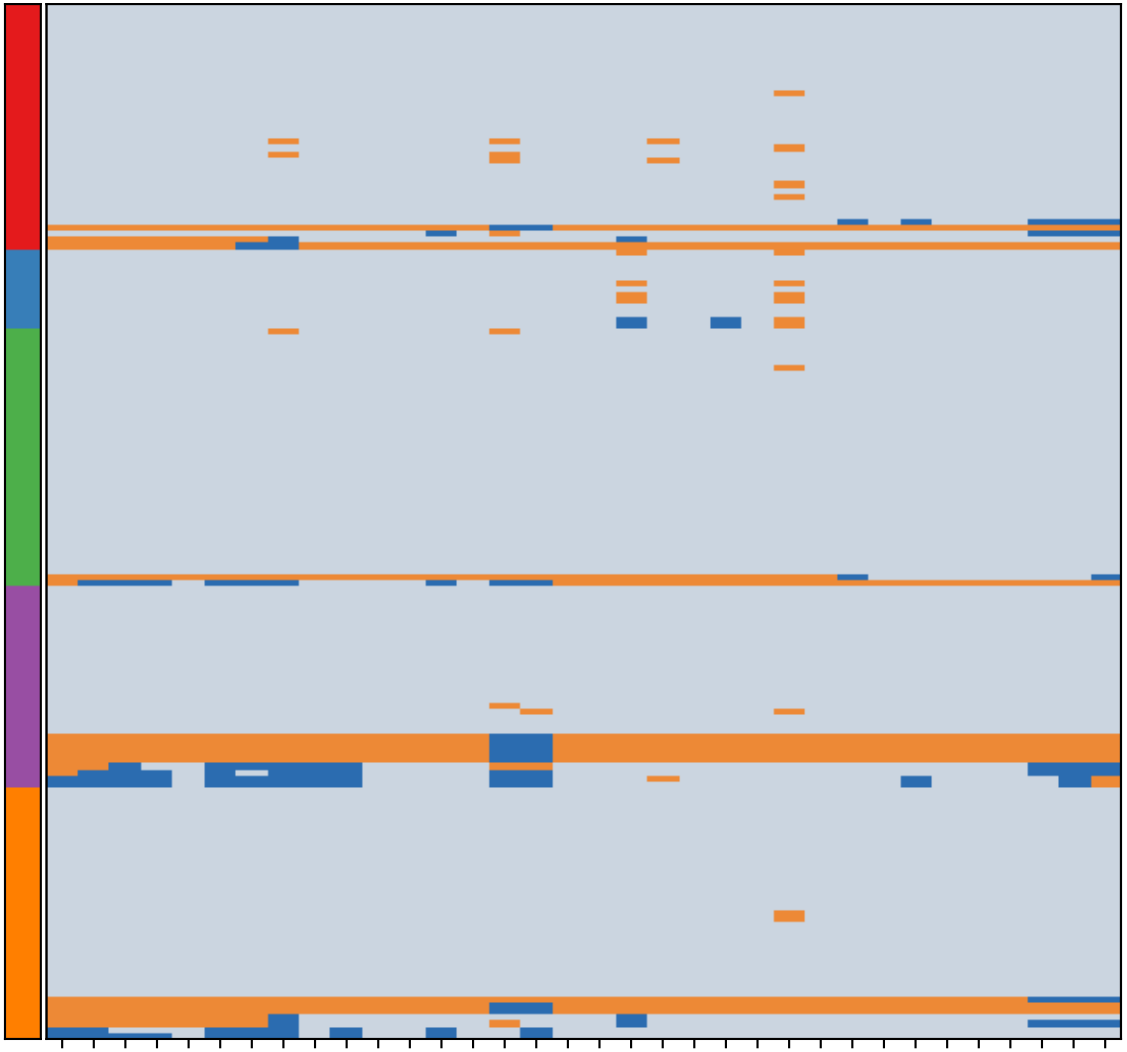


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3
clade_4

L249 10 genes content 45% of 169 strains type: unresolved



L250 34 genes content 0% of 169 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
clade_4