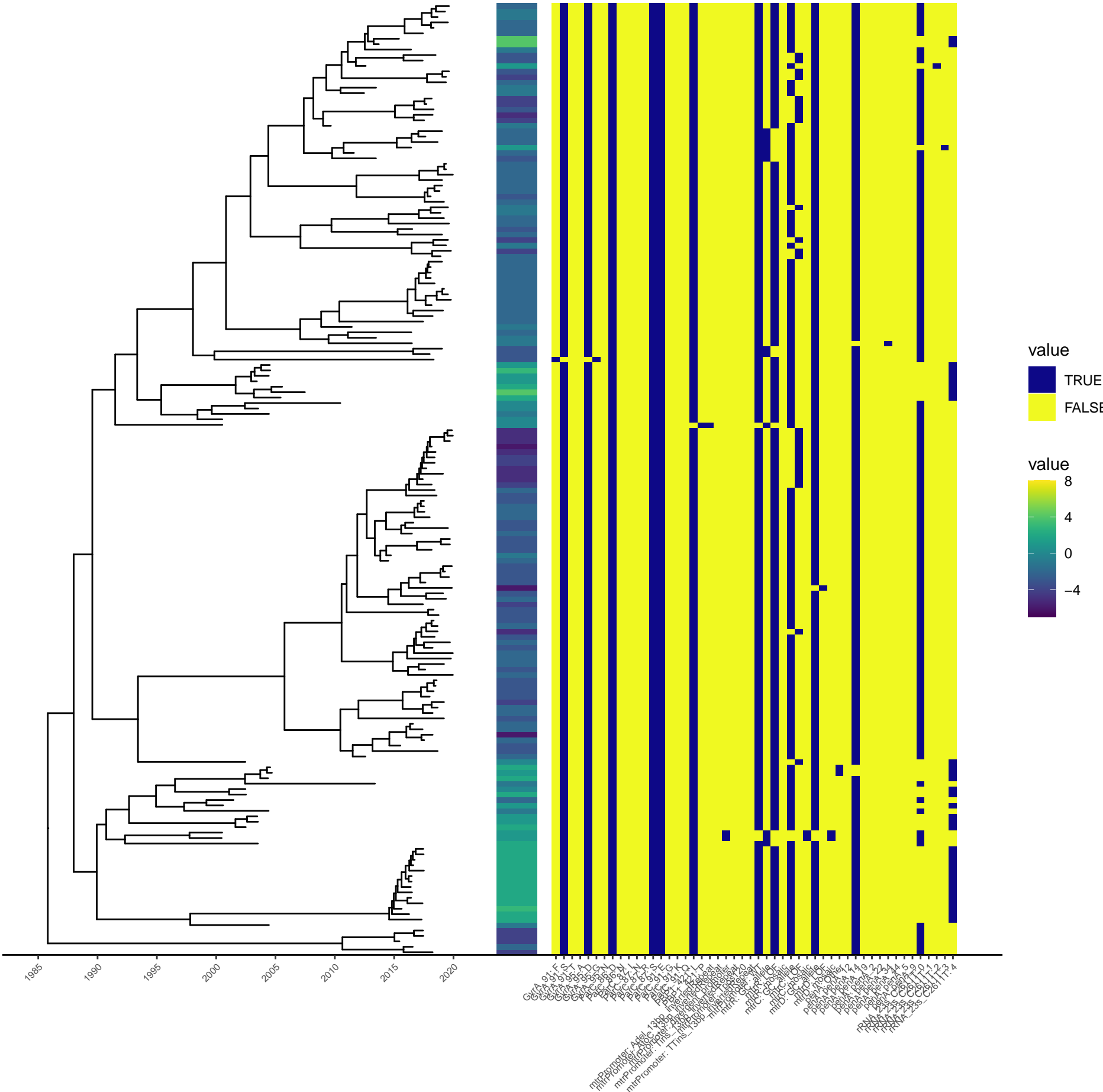
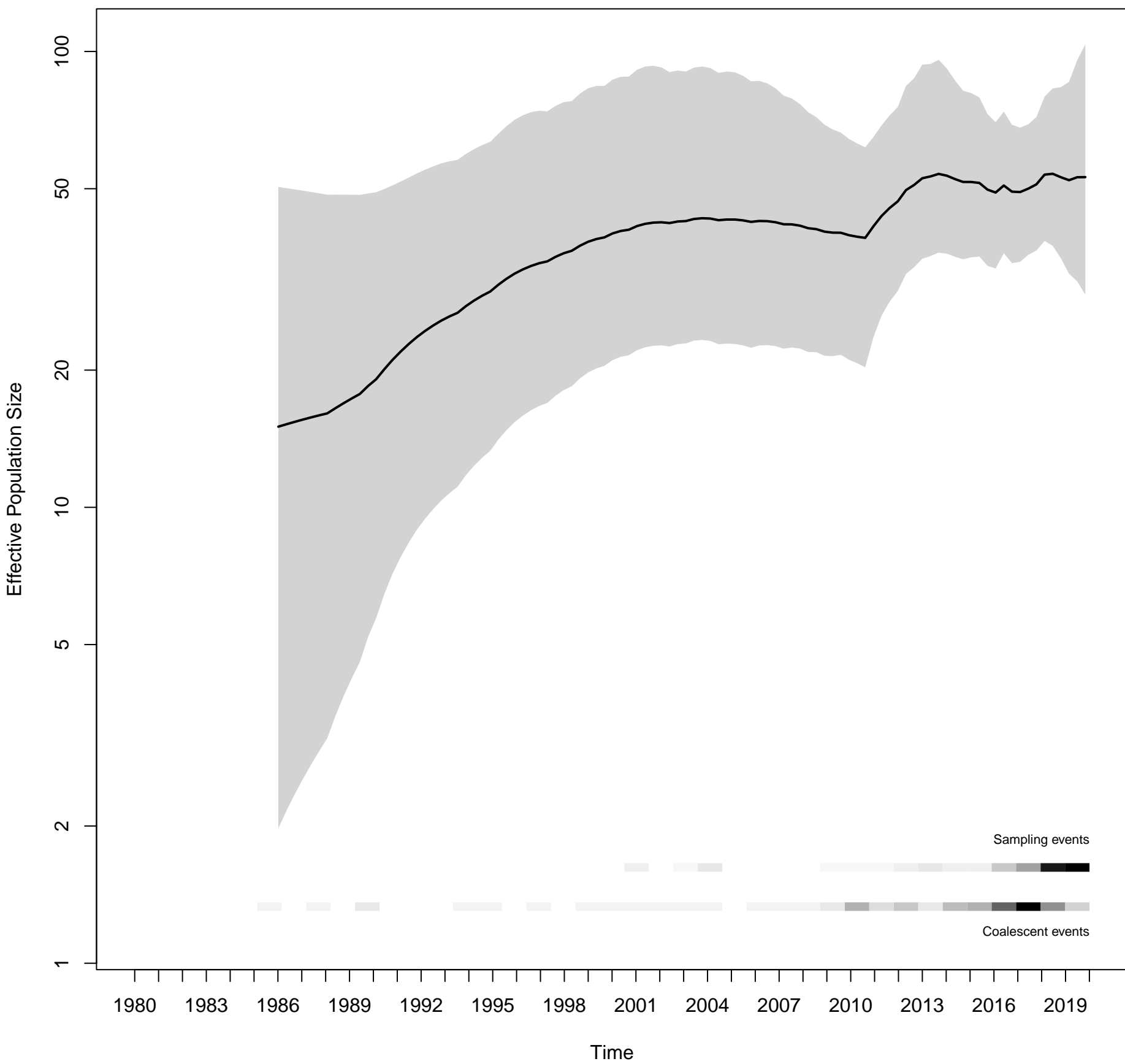
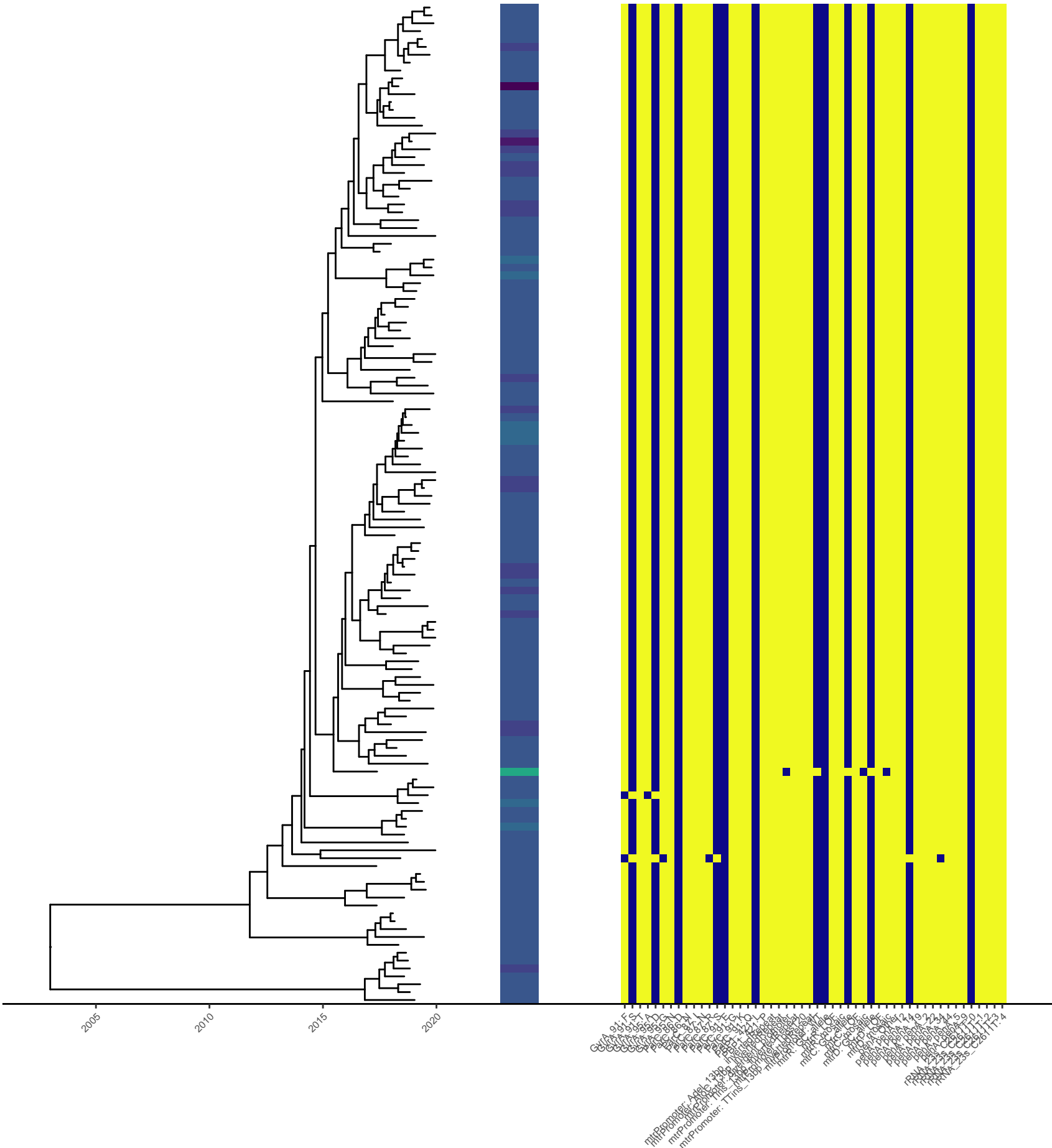


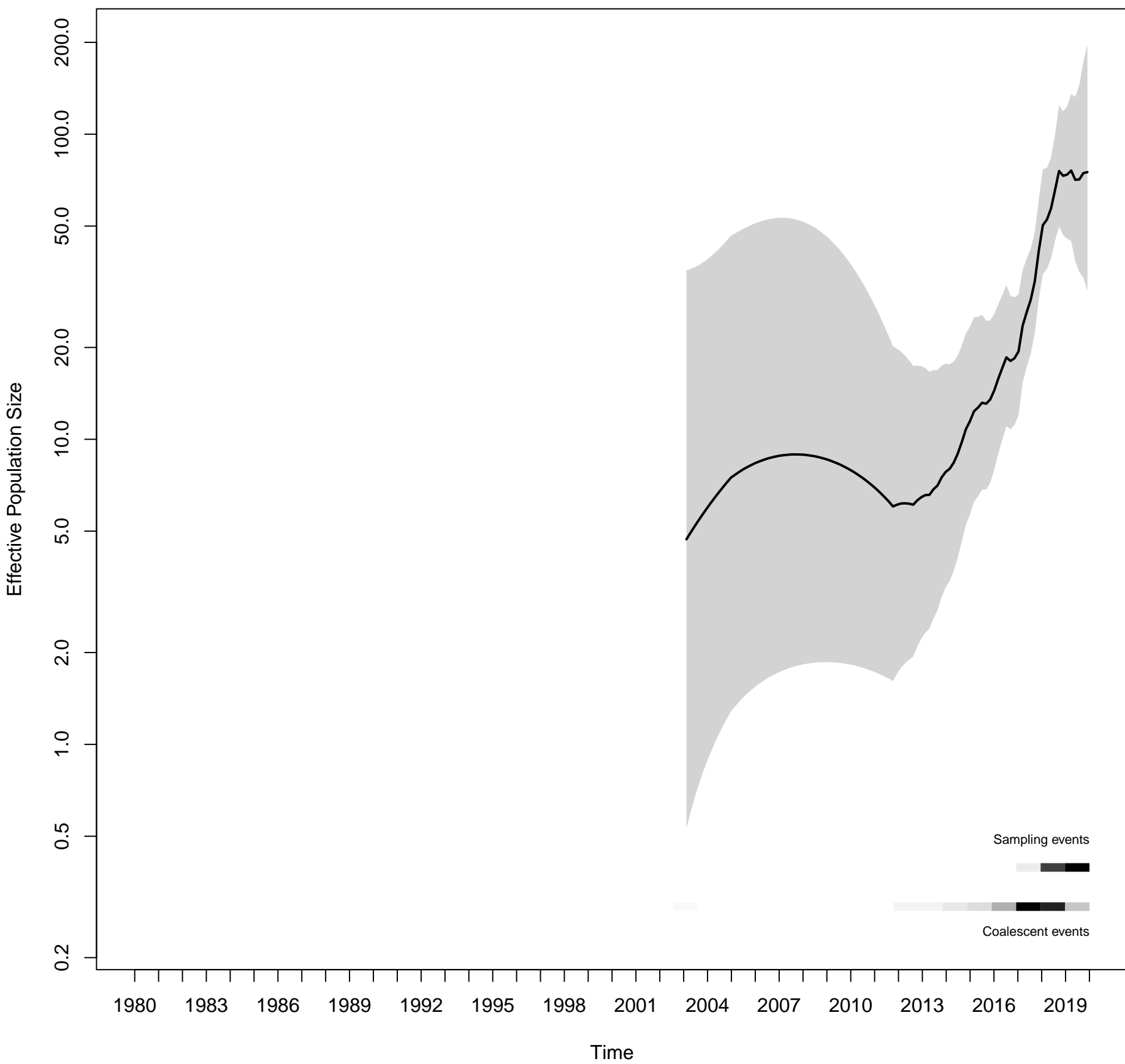
penA\_14



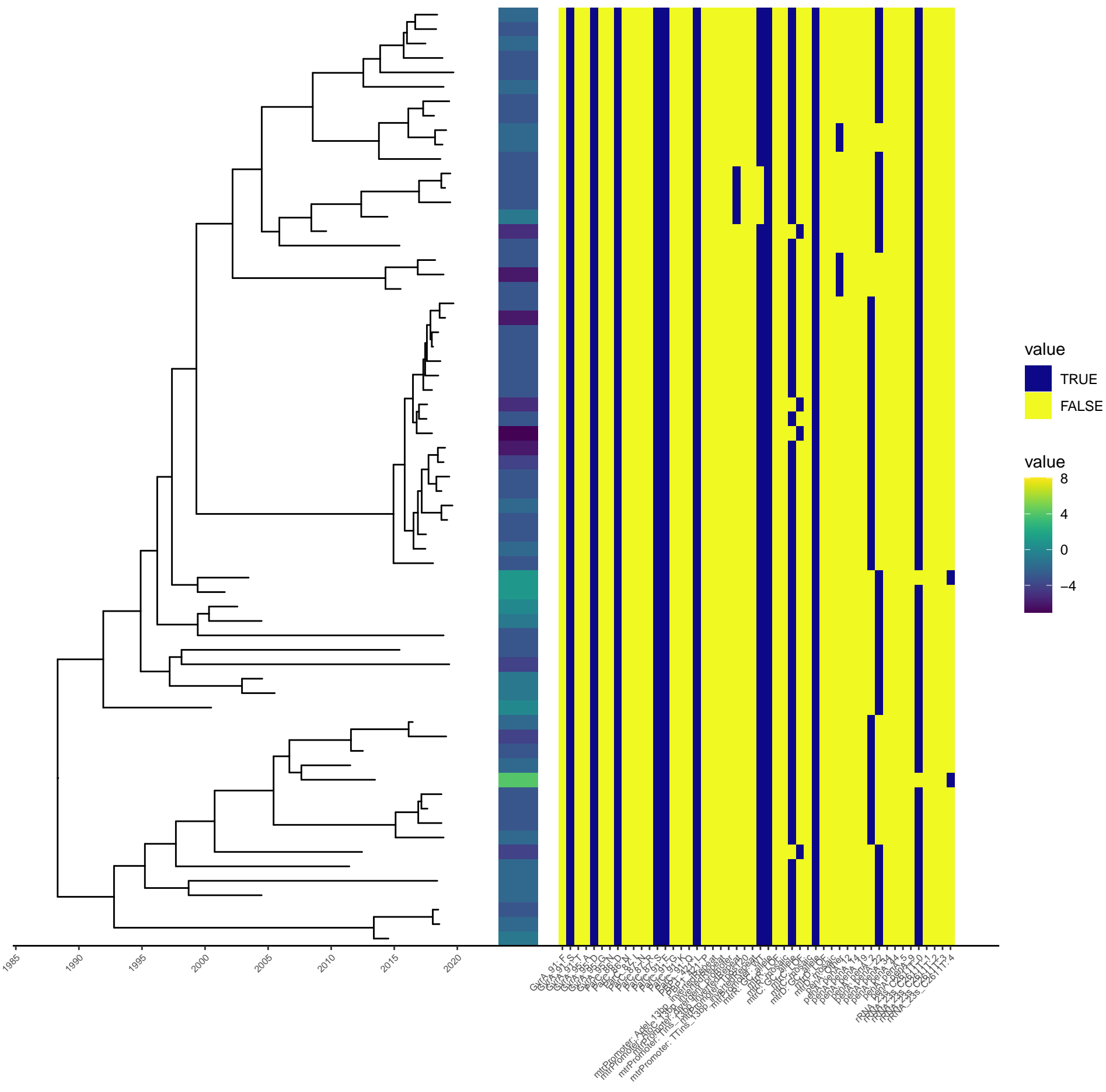


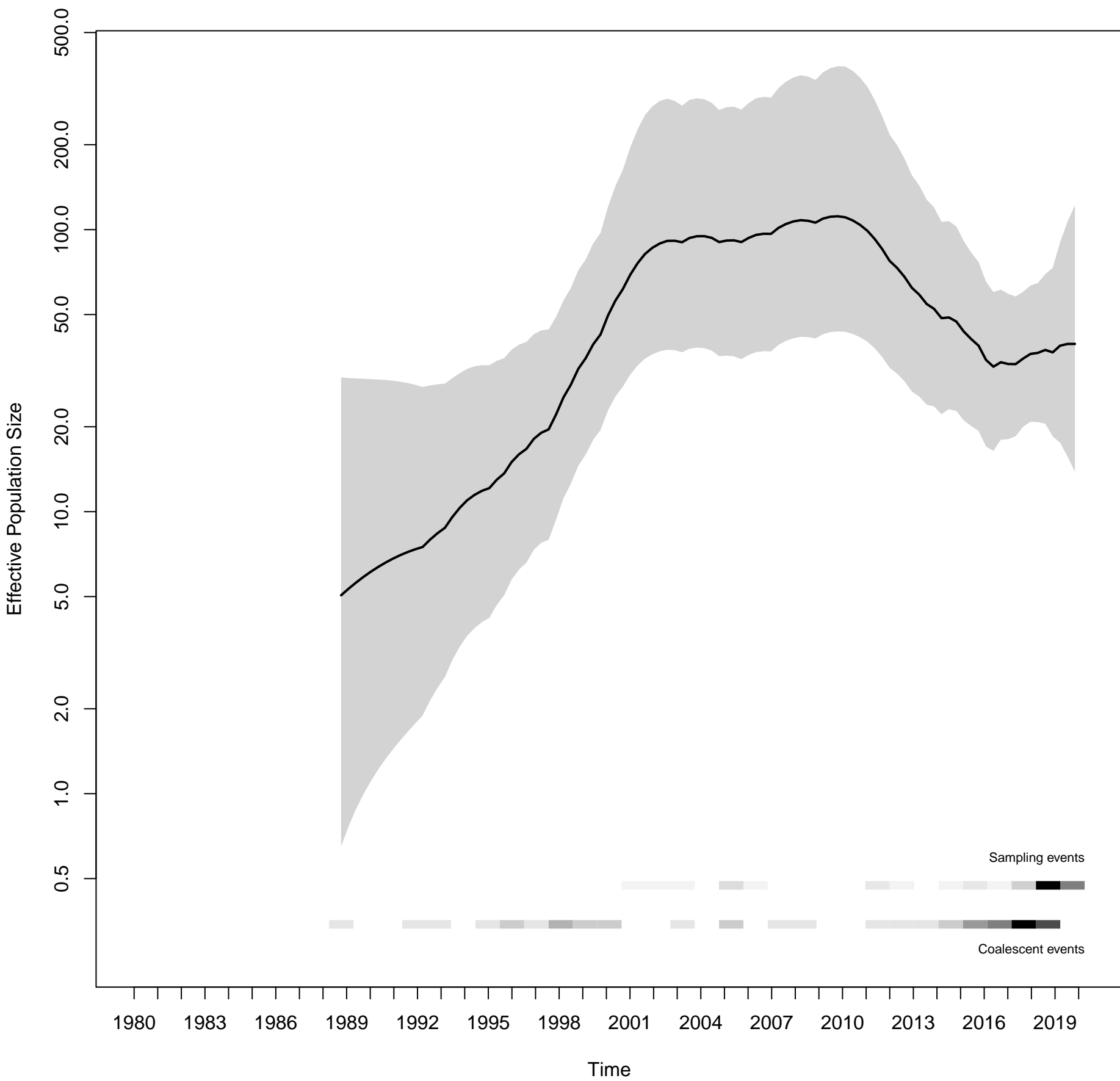
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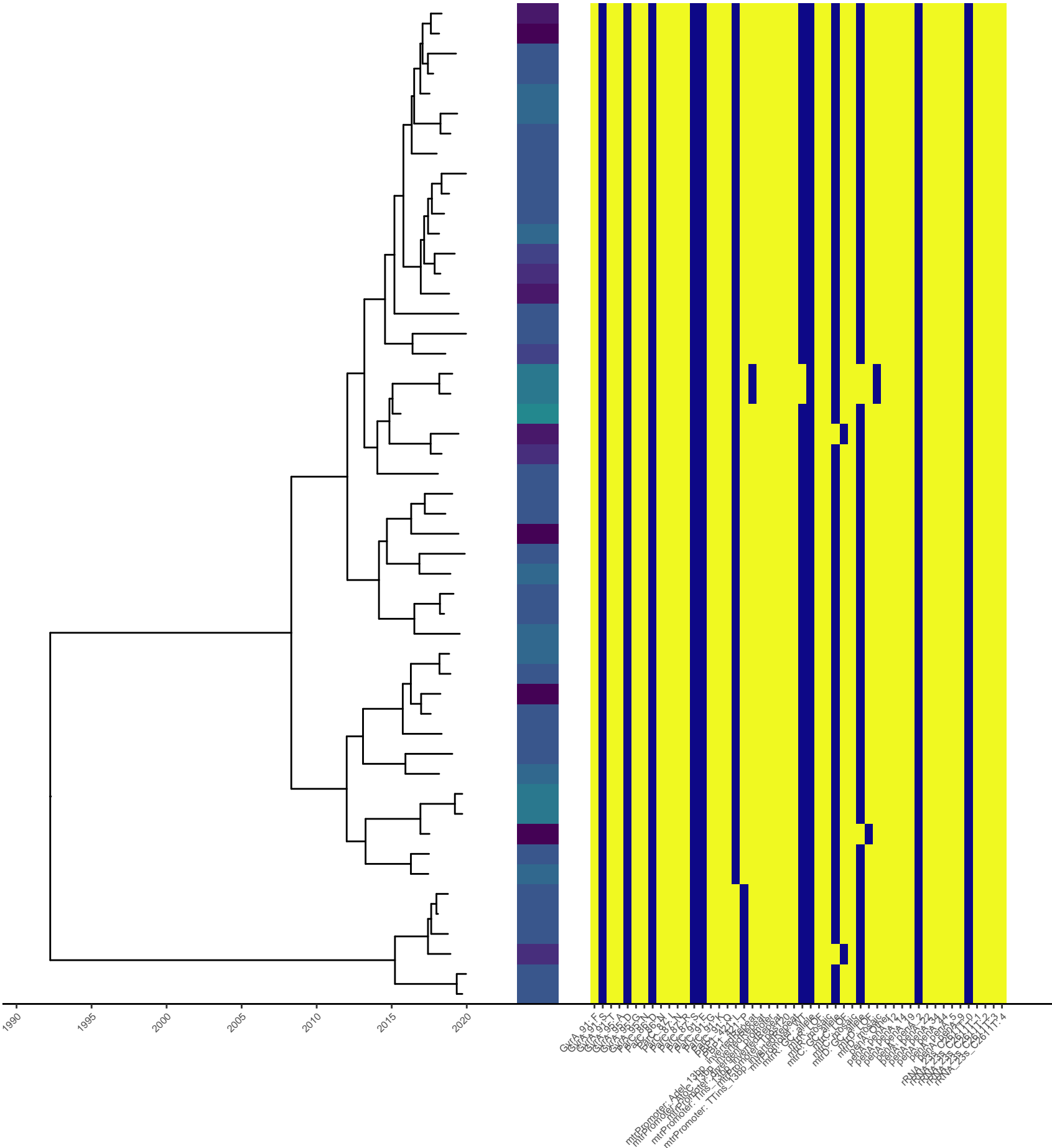


penA\_22



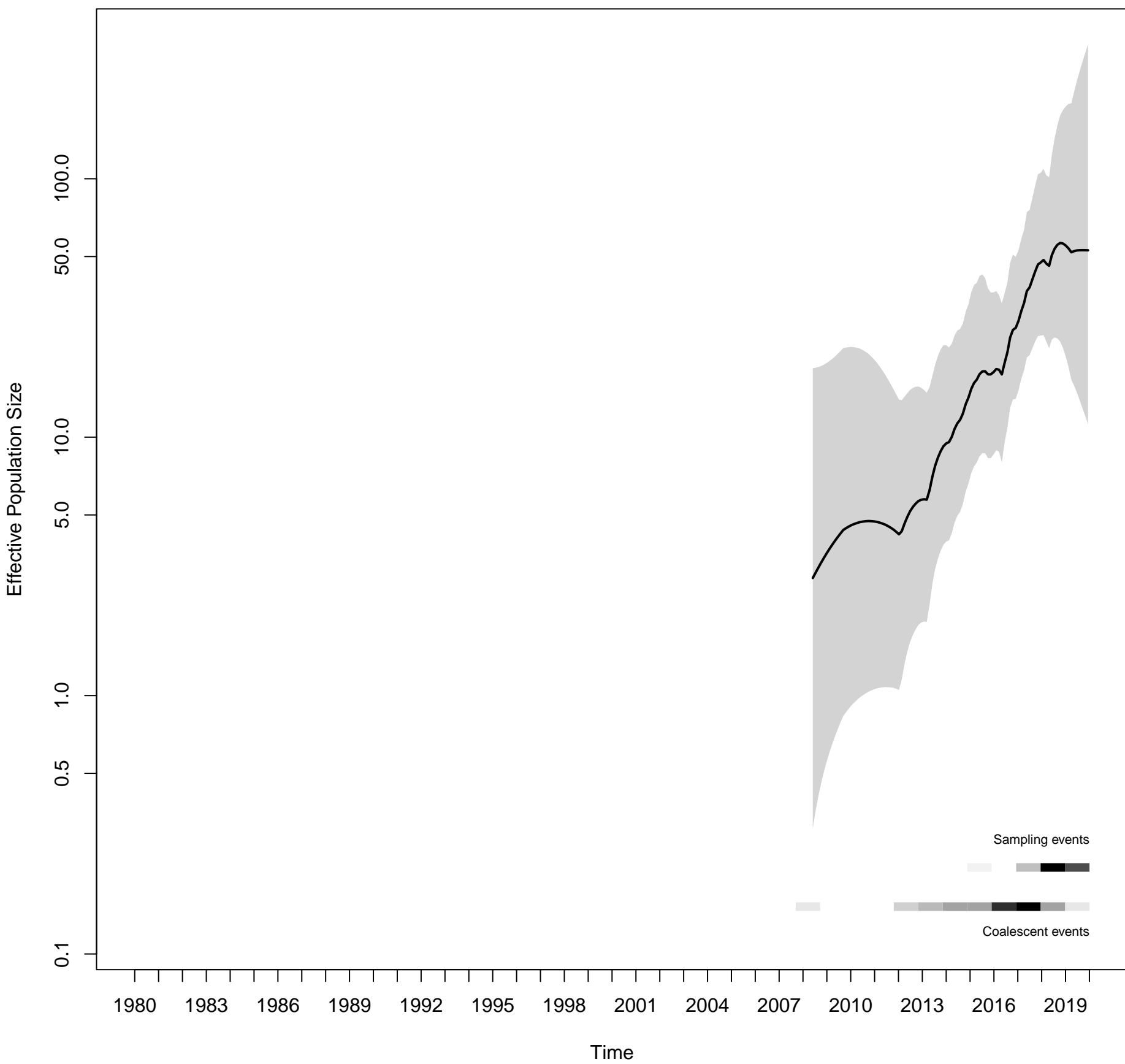


penA\_2



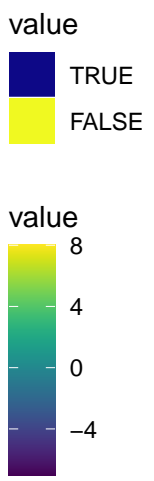
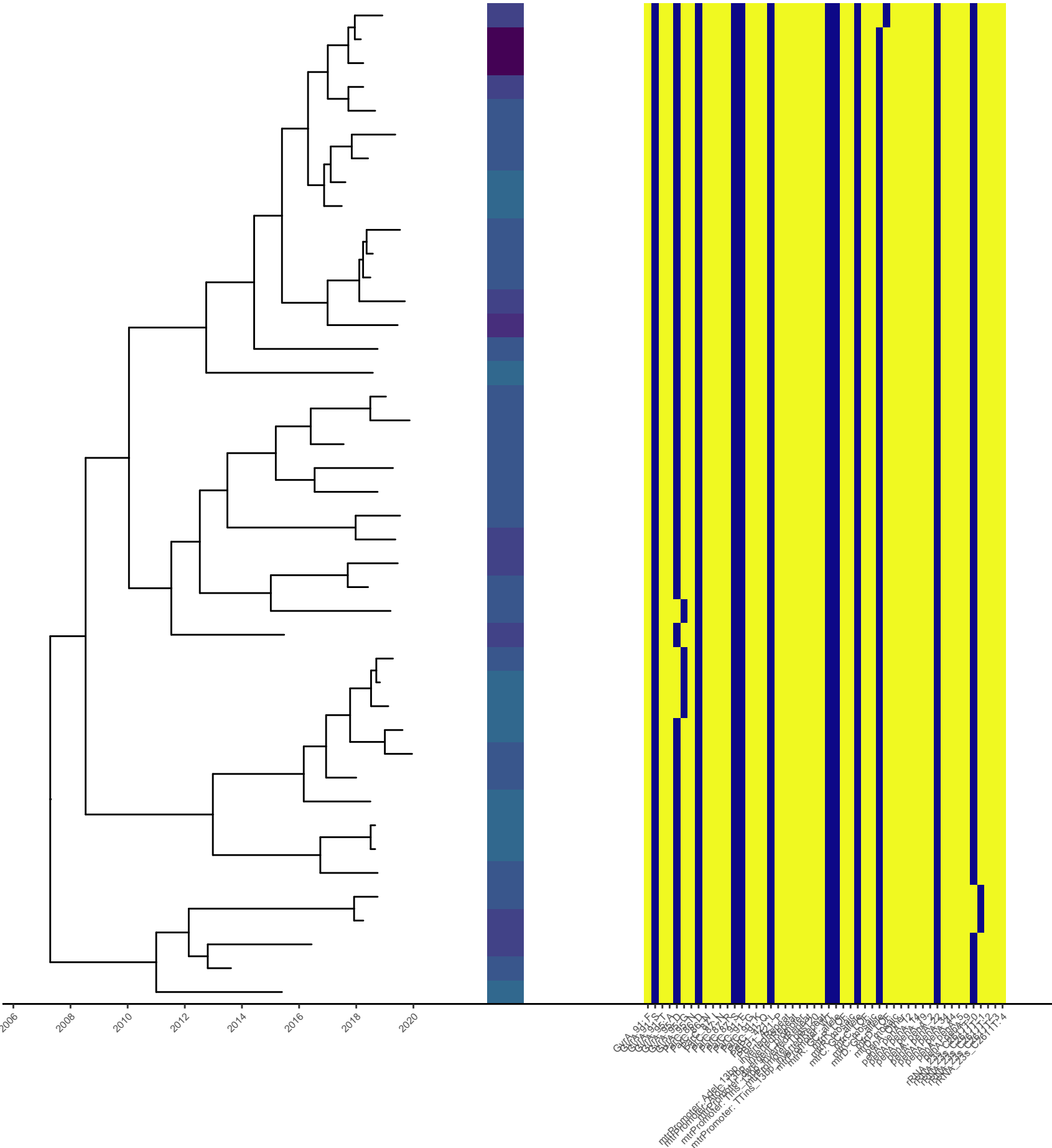
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FALSE

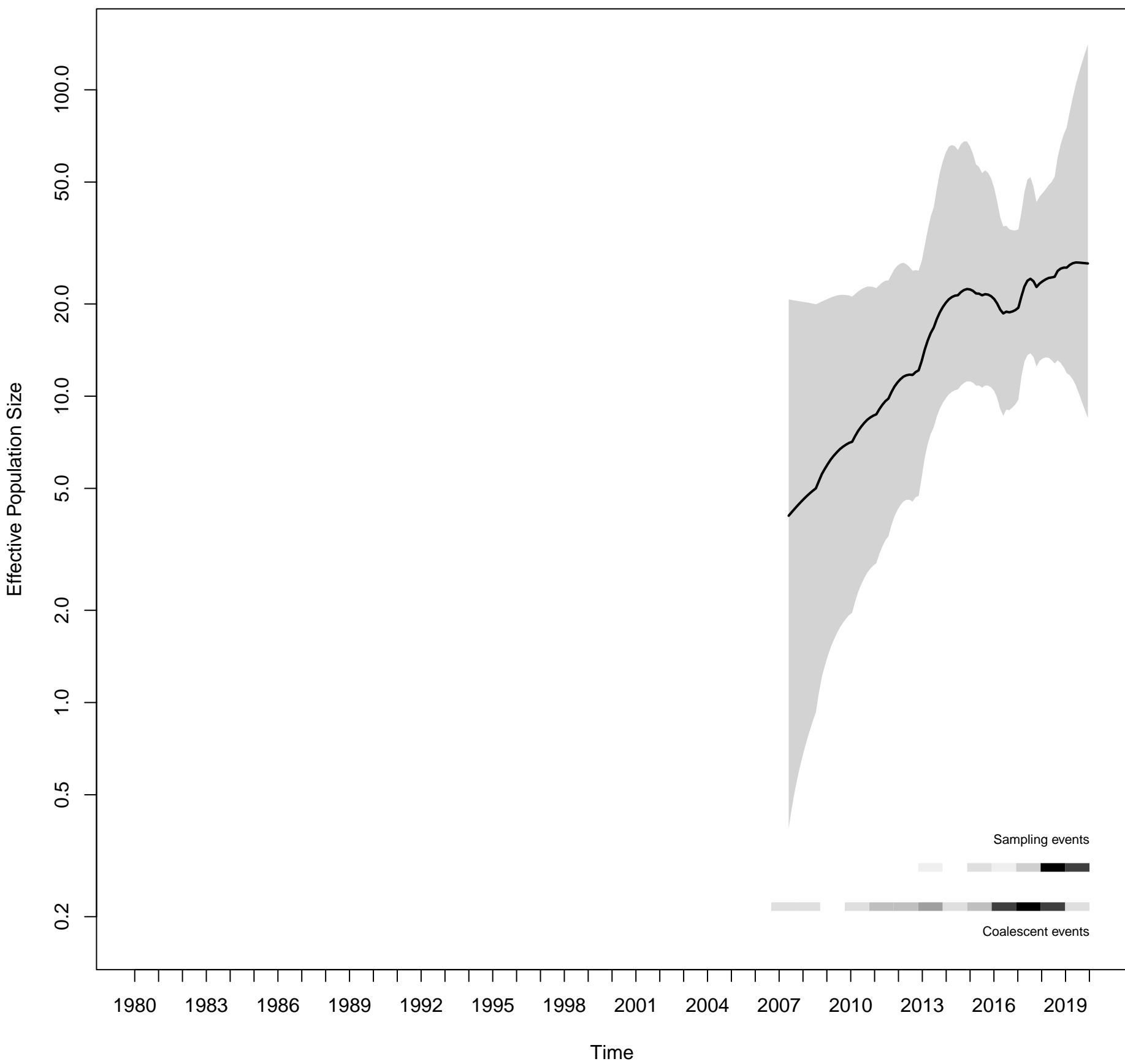
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4  
0  
-4



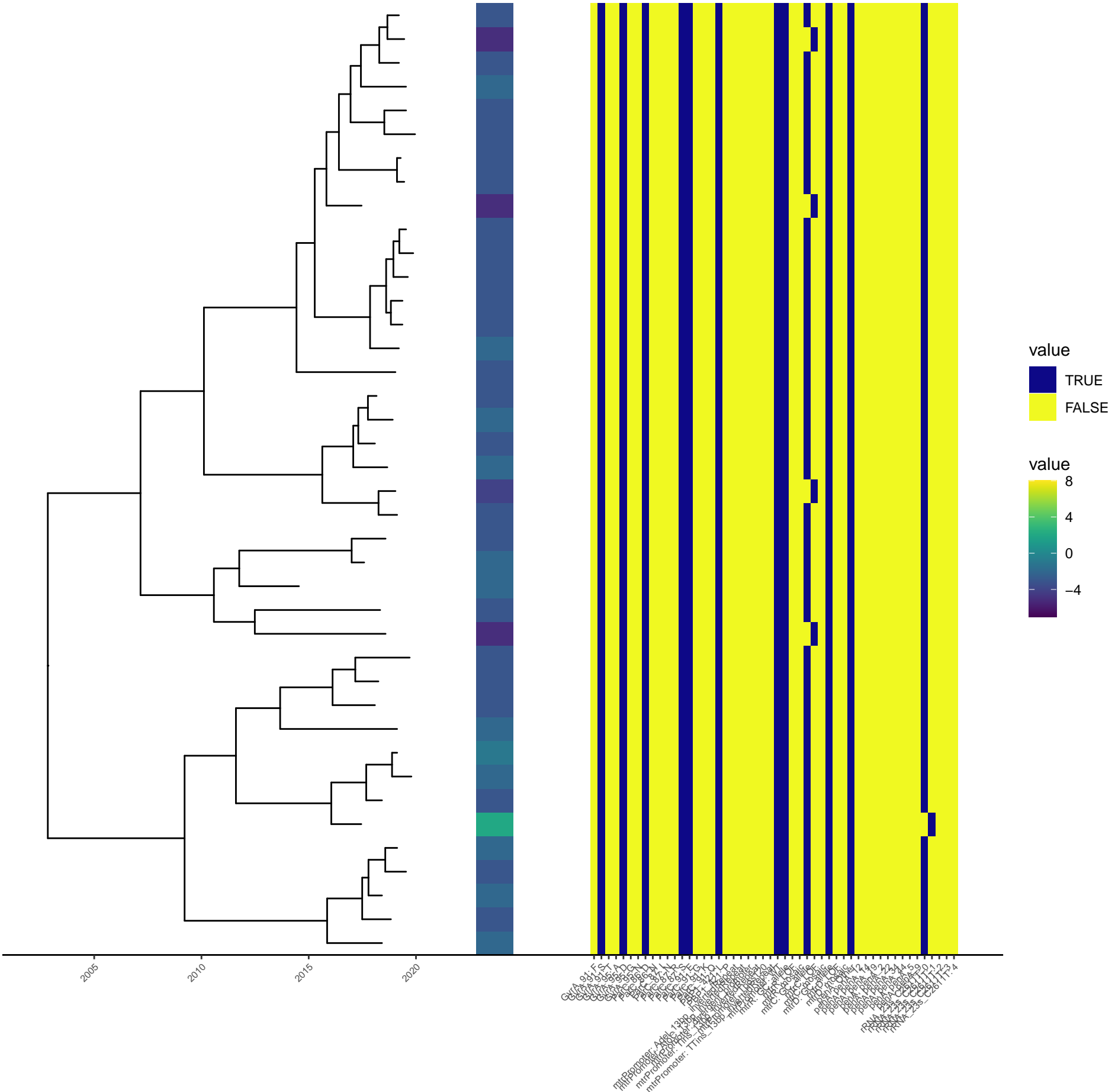


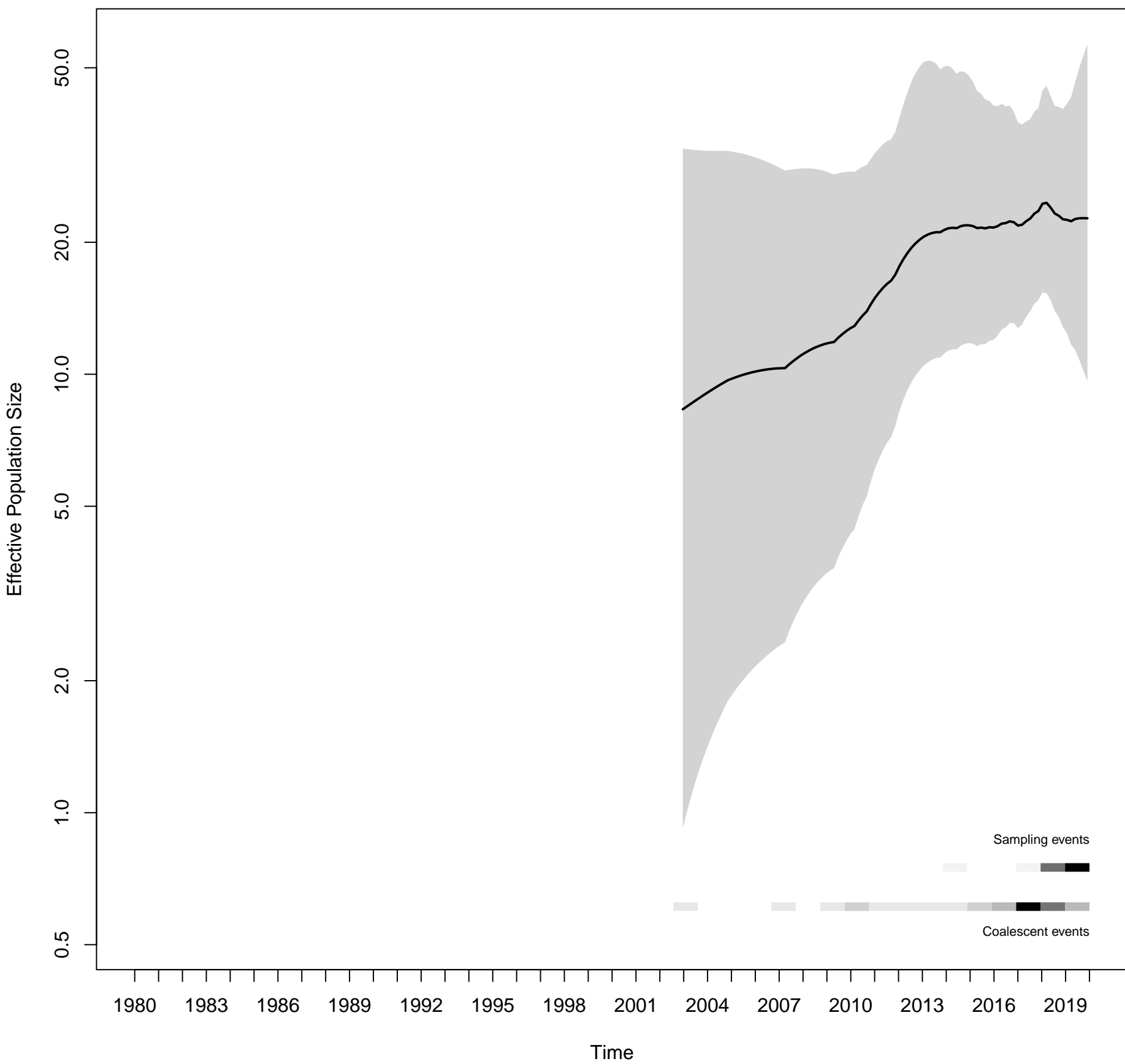
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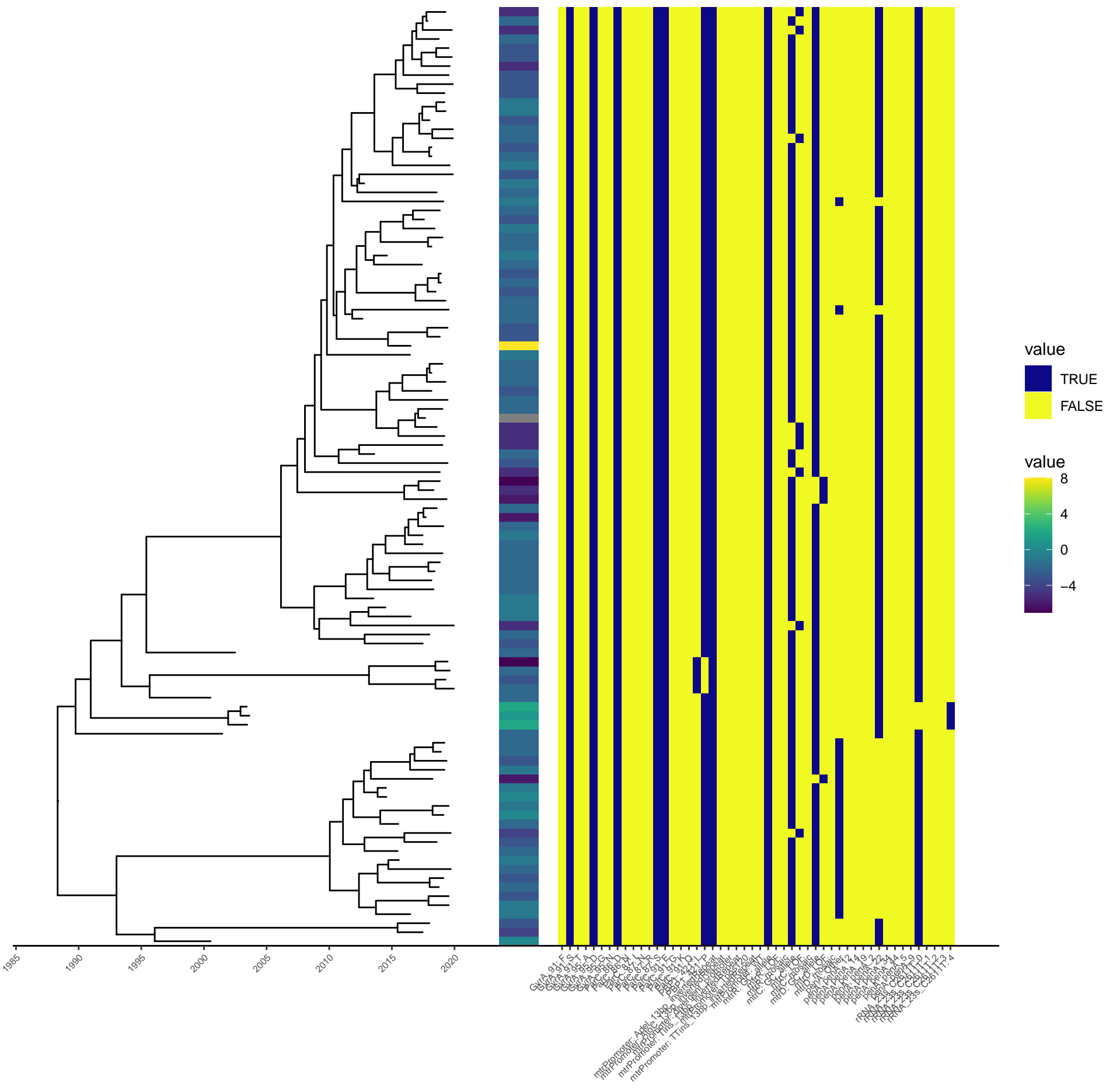


penA\_15





penA\_22



Effective Population Size

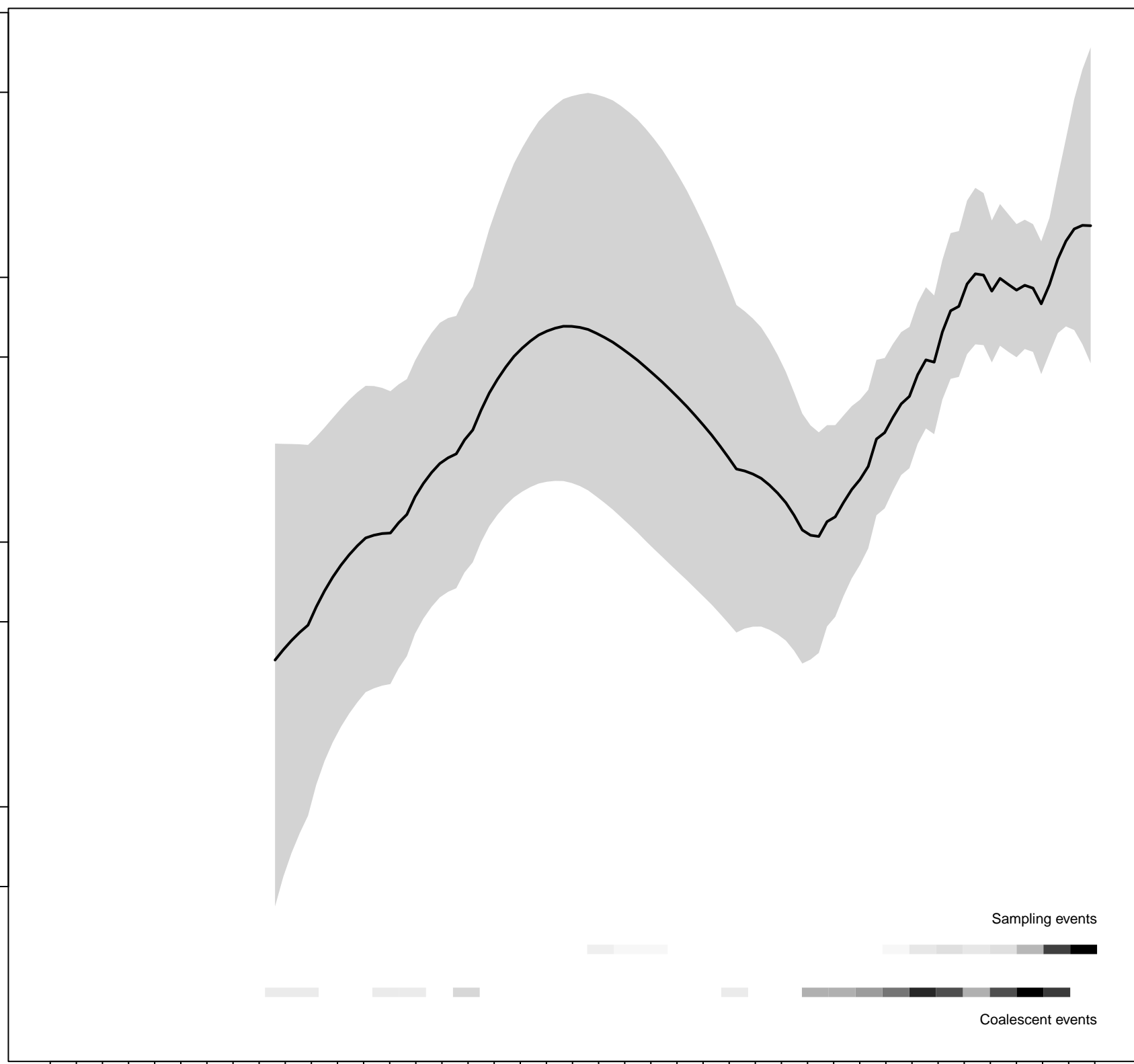
5e-01 1e+00 5e+00 1e+01 5e+01 1e+02 5e+02 1e+03

1980 1983 1986 1989 1992 1995 1998 2001 2004 2007 2010 2013 2016 2019

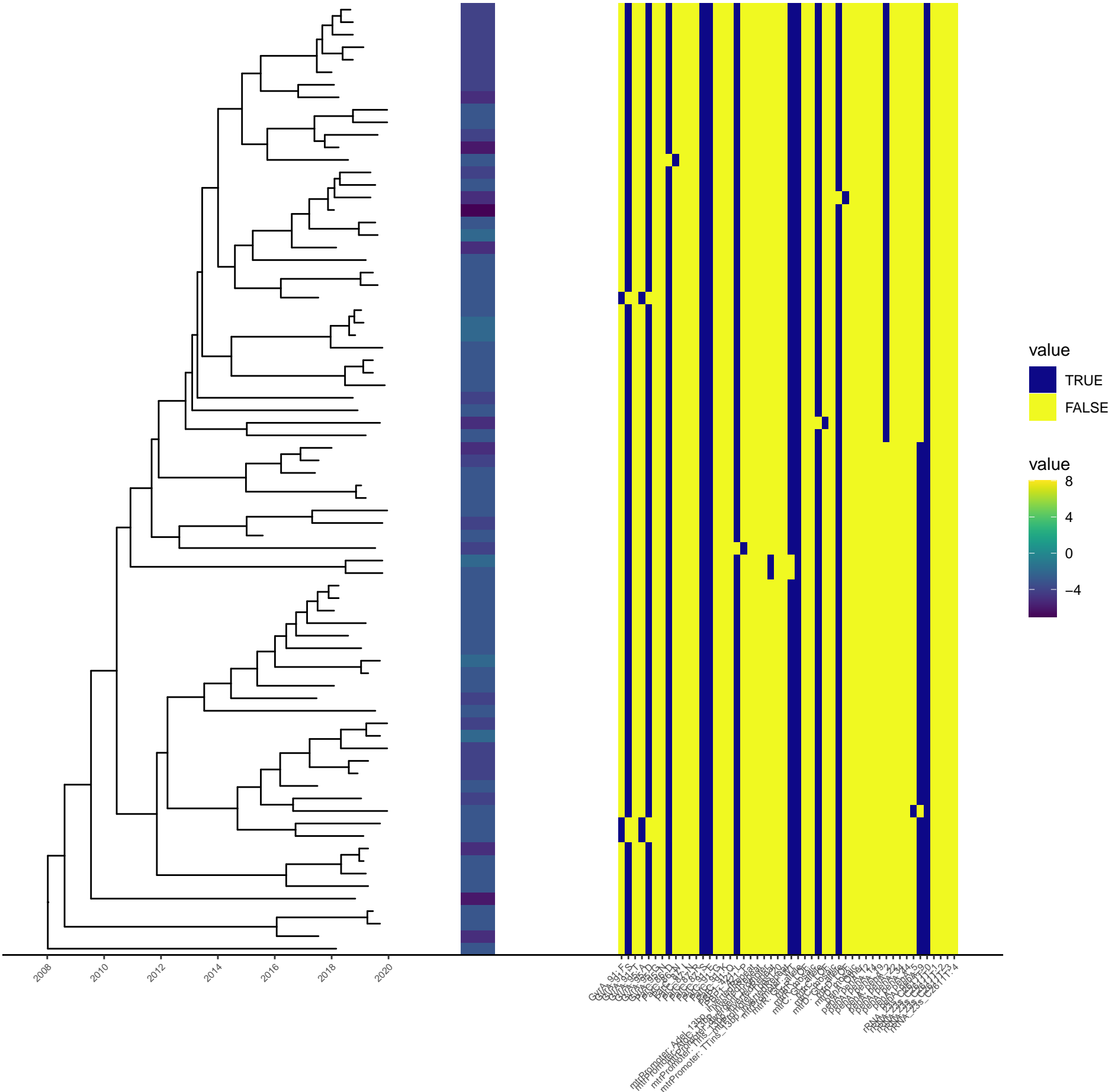
Time

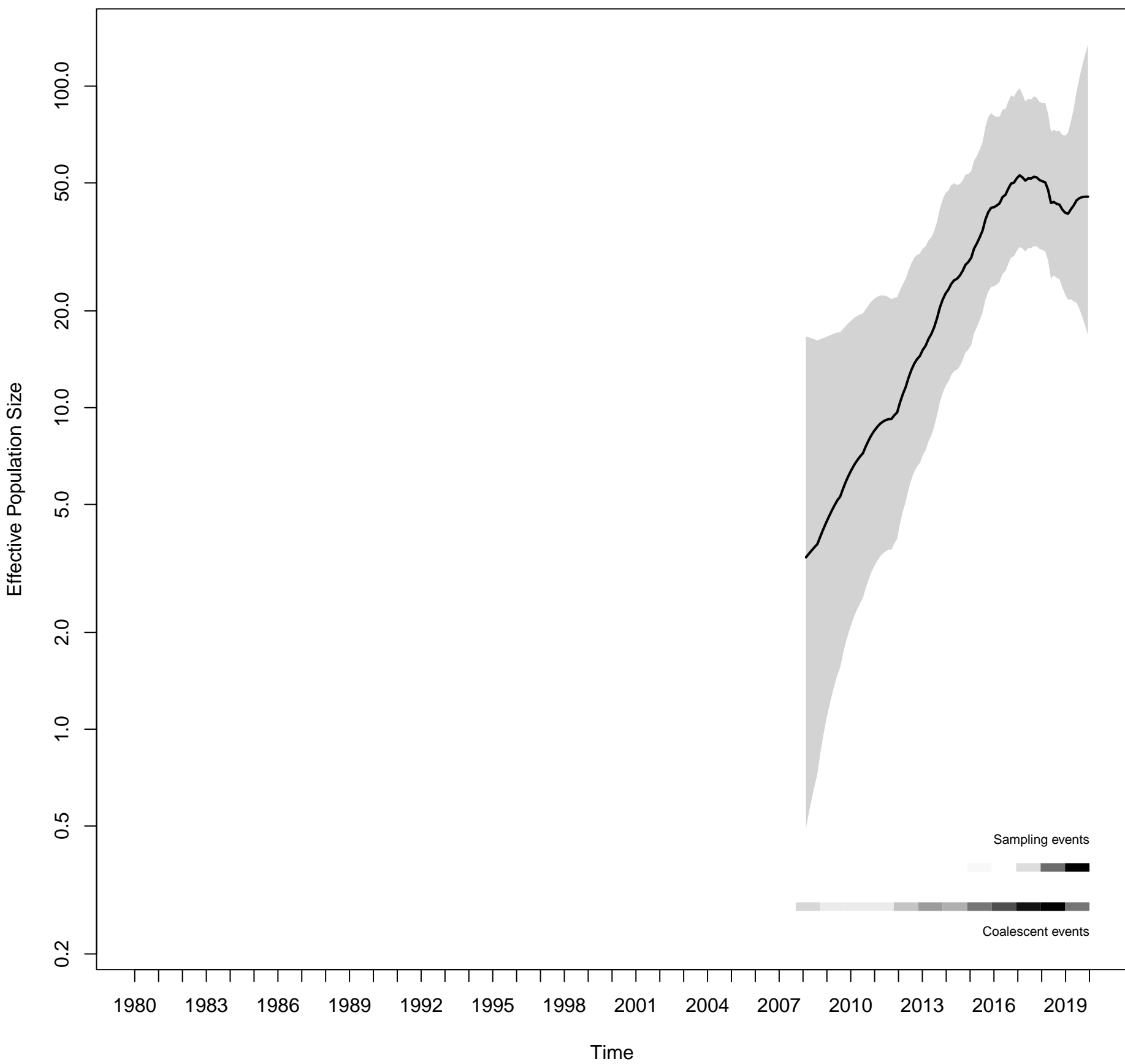
Sampling events

Coalescent events



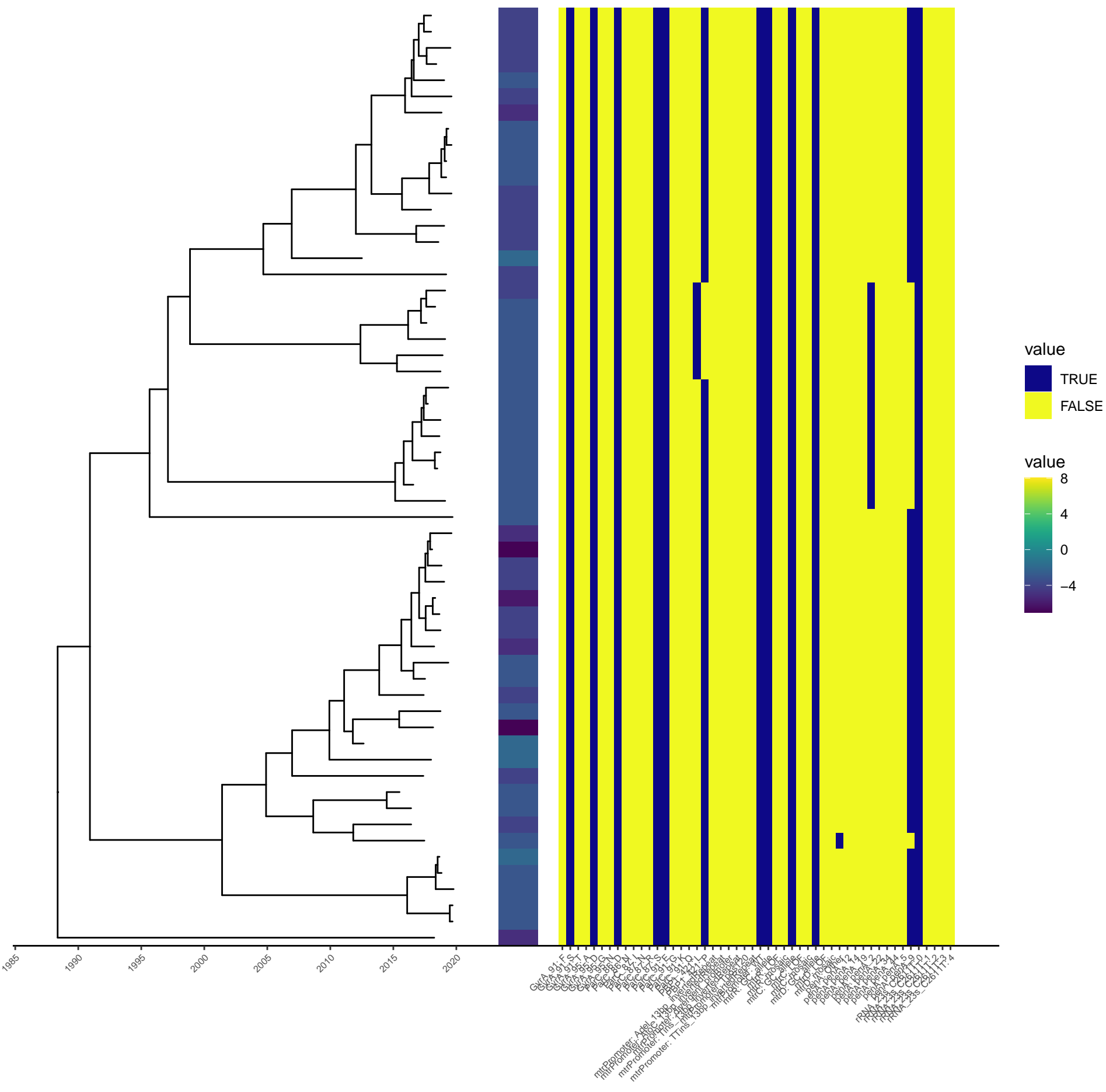
penA\_9

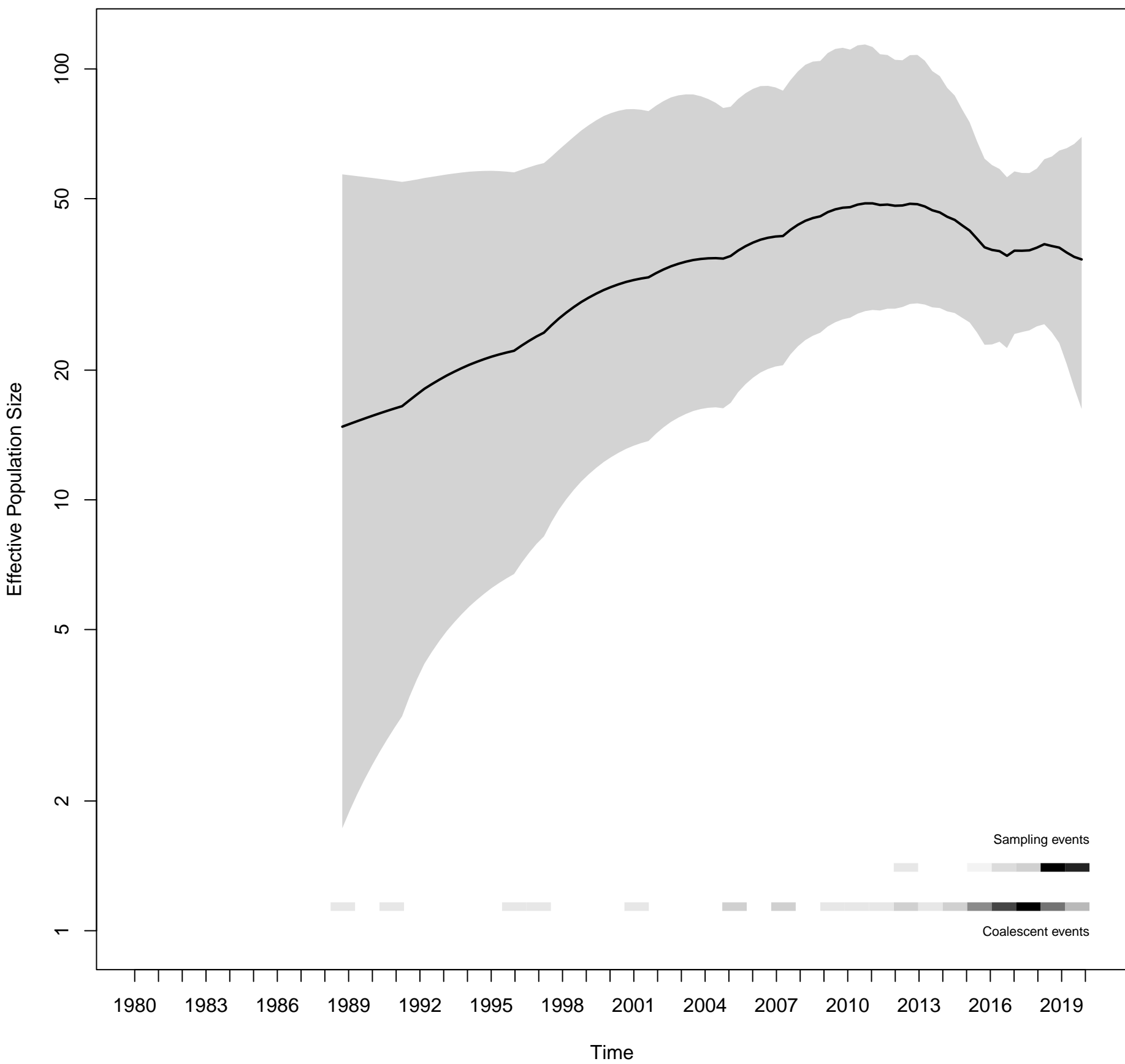




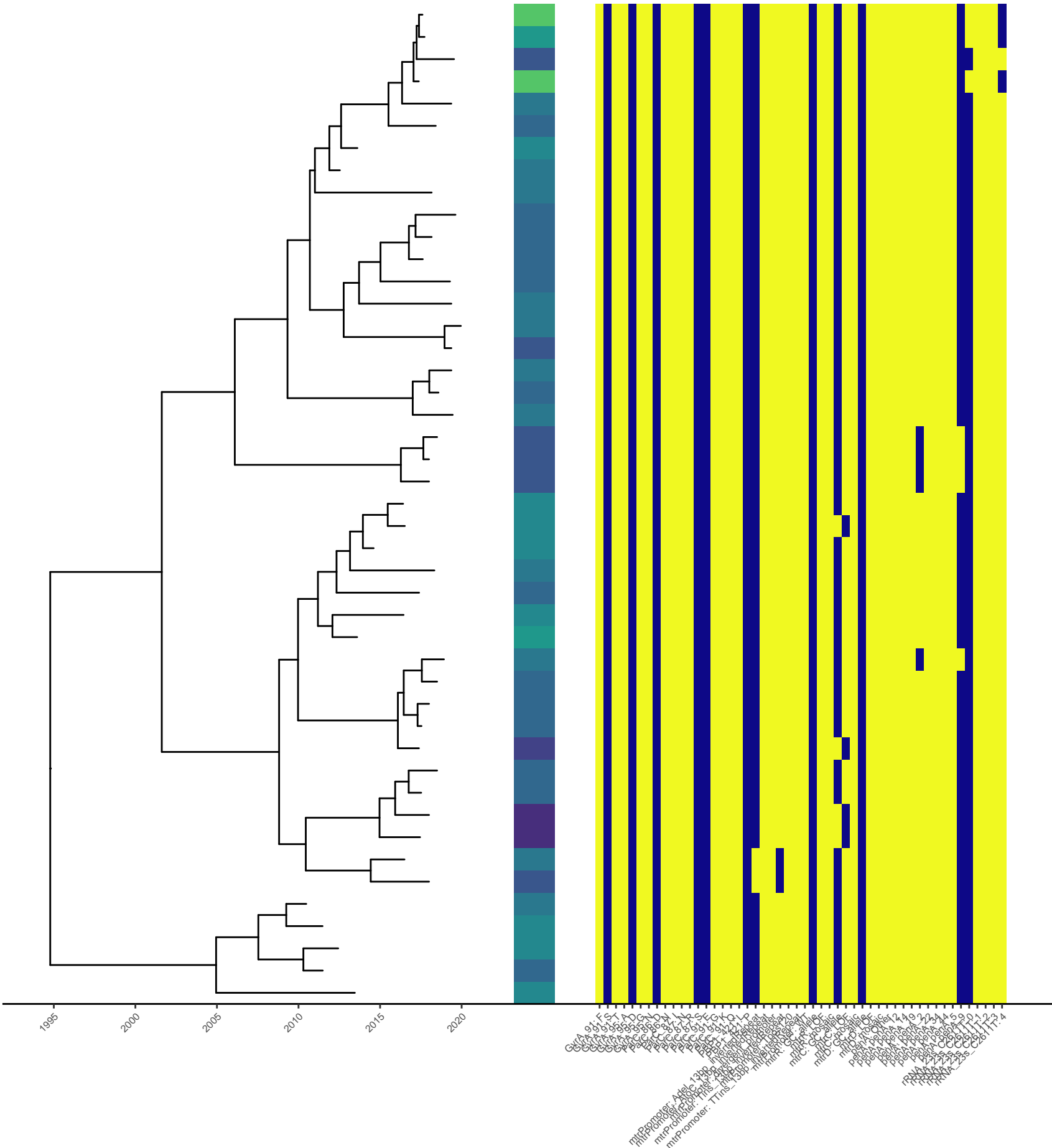


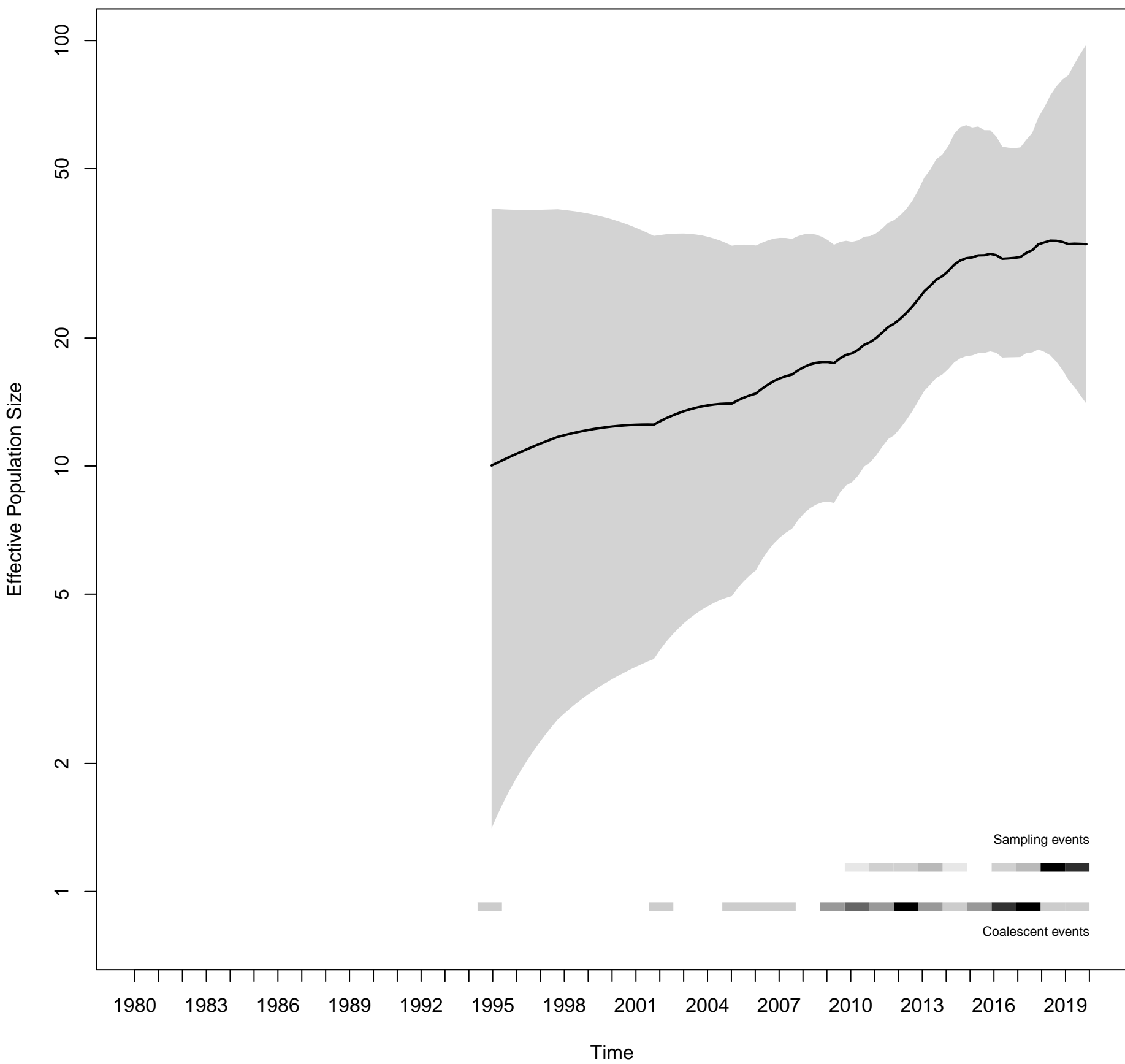
penA\_9



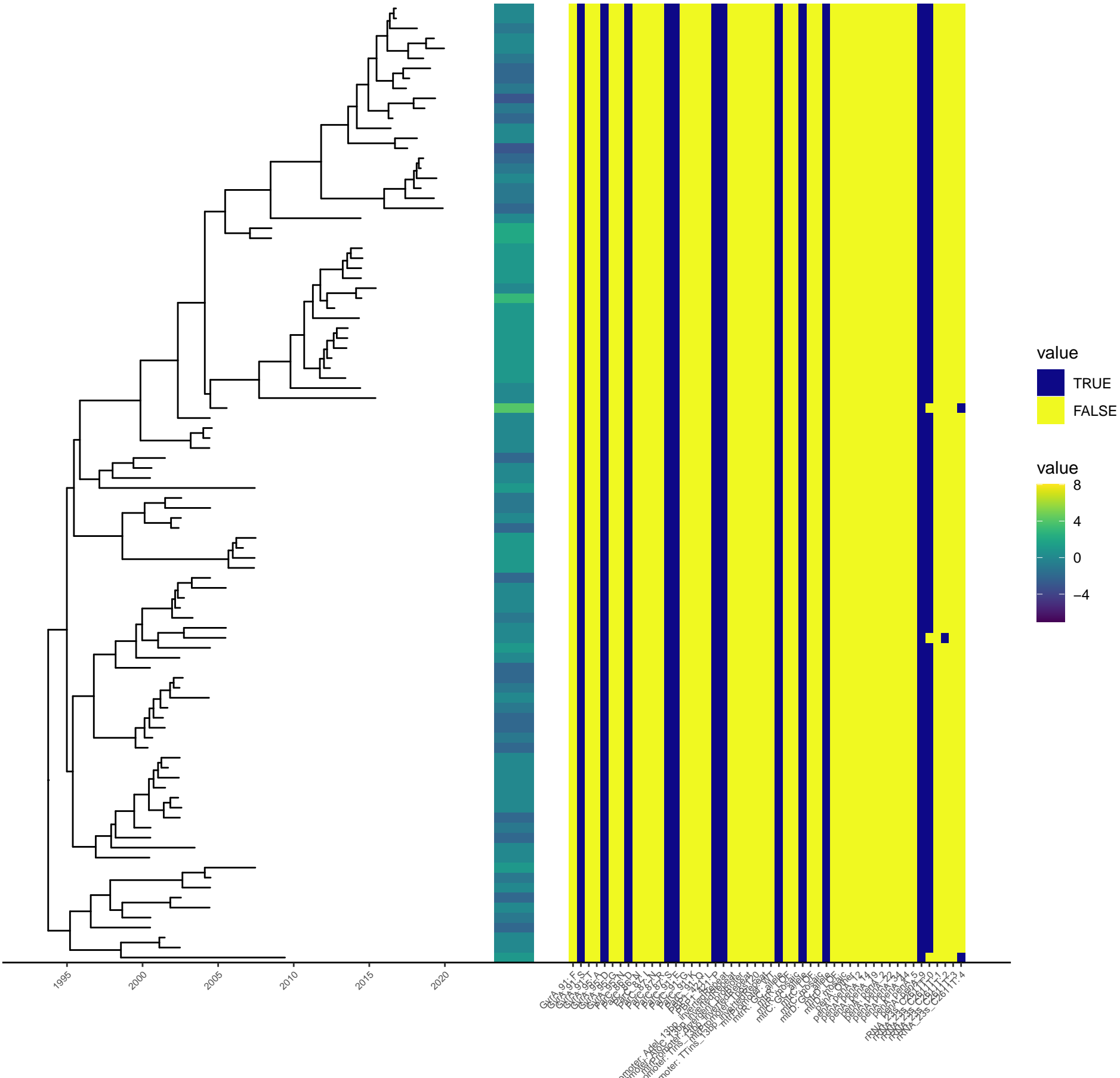


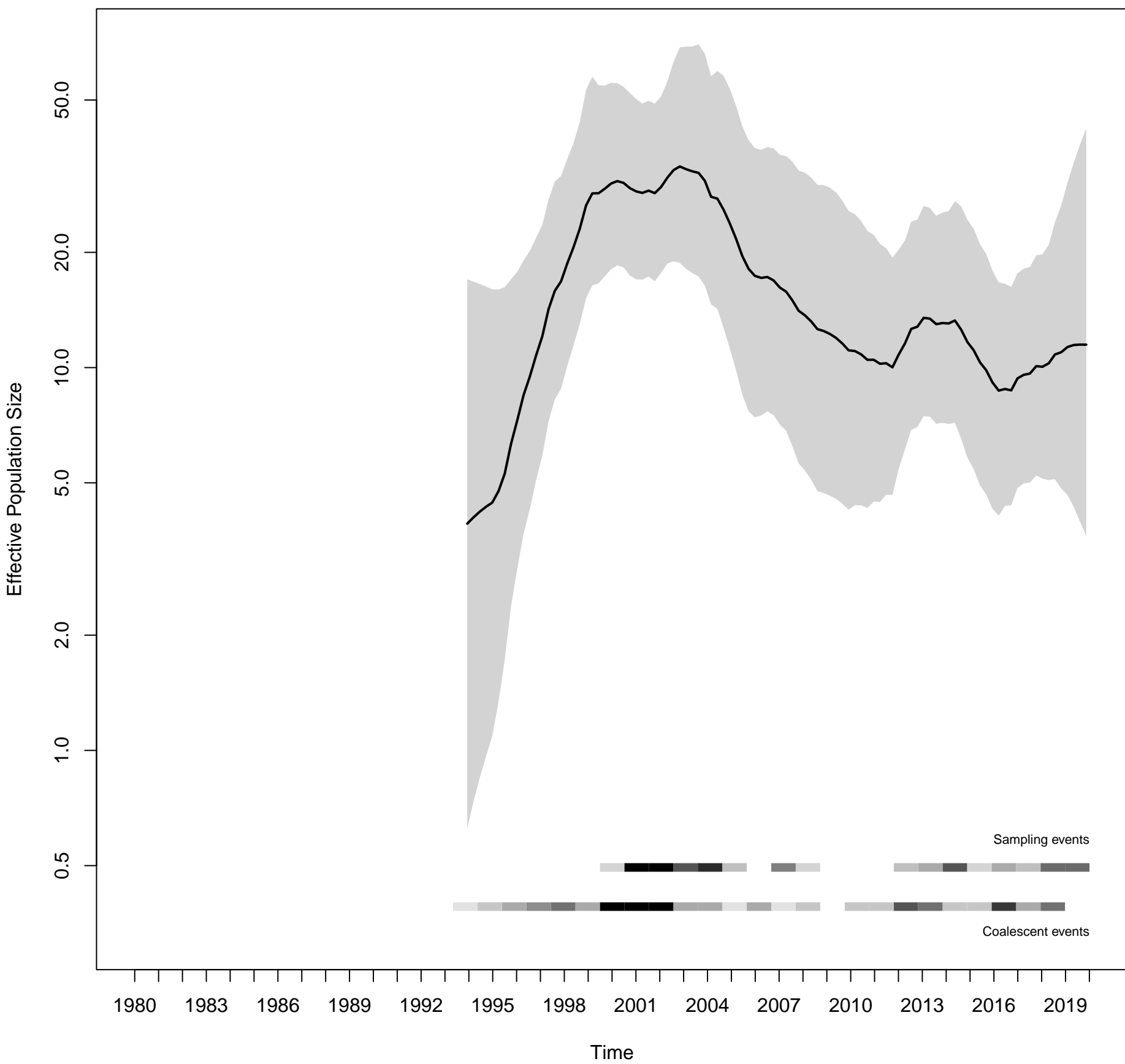
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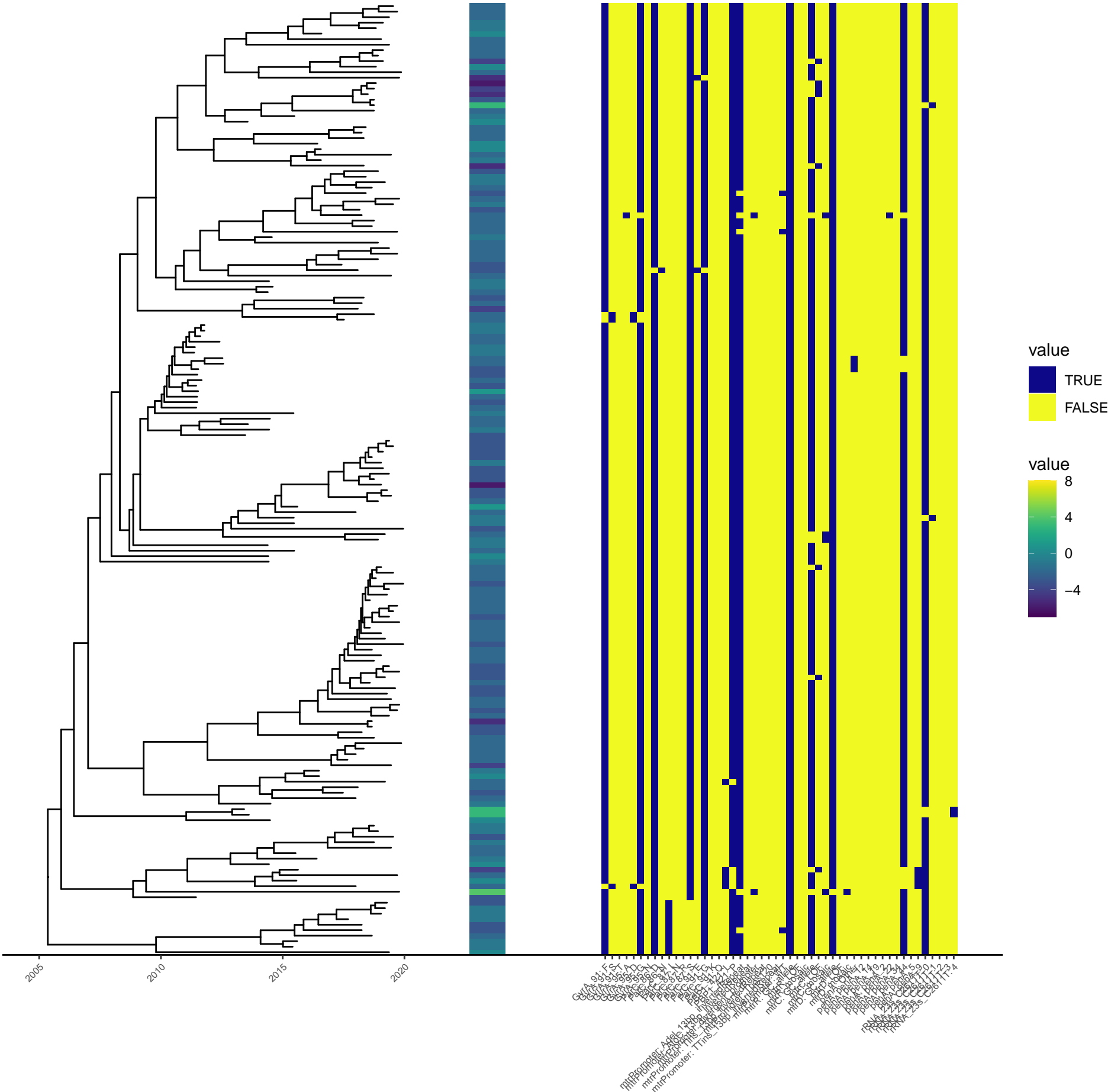


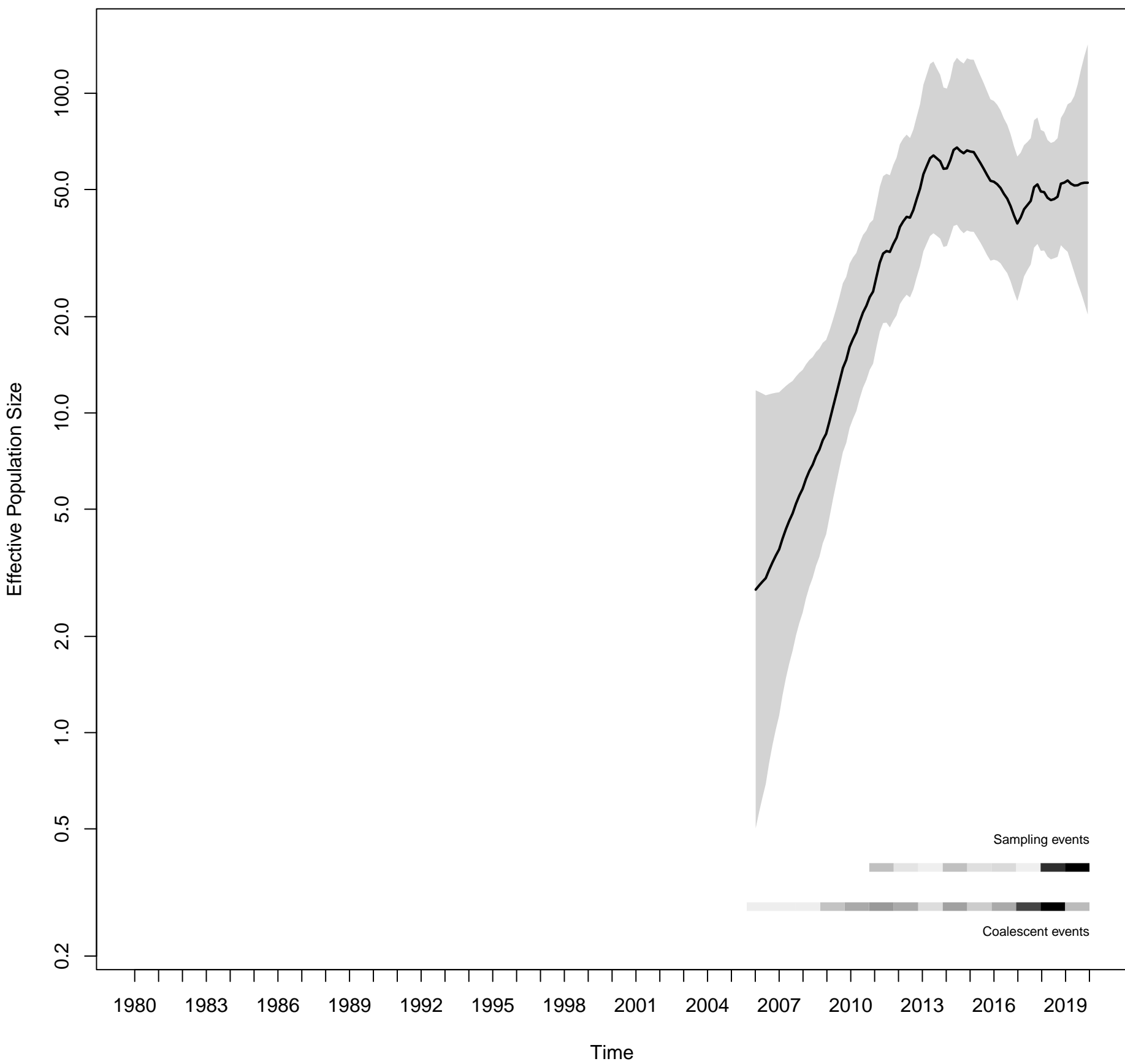
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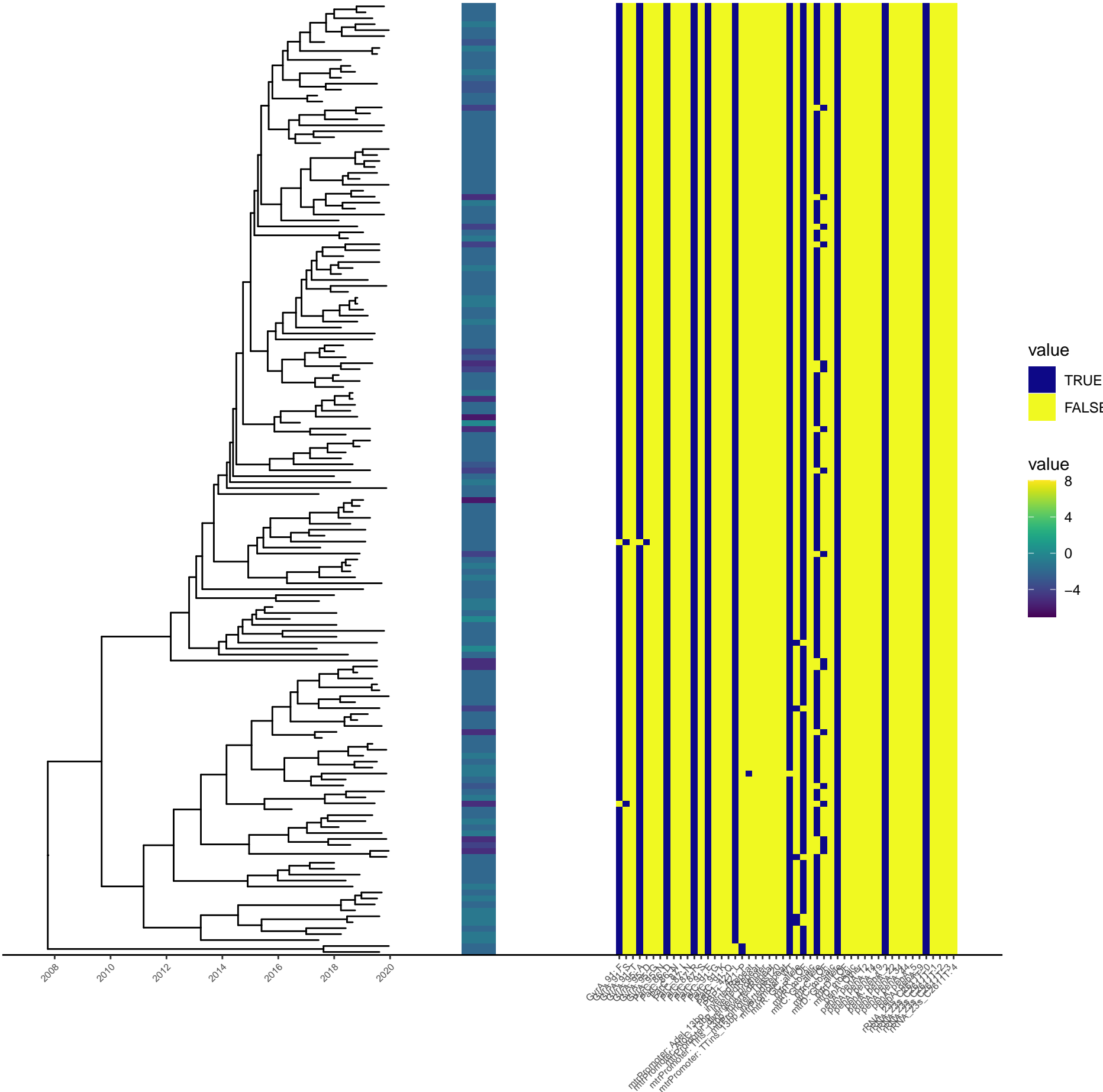
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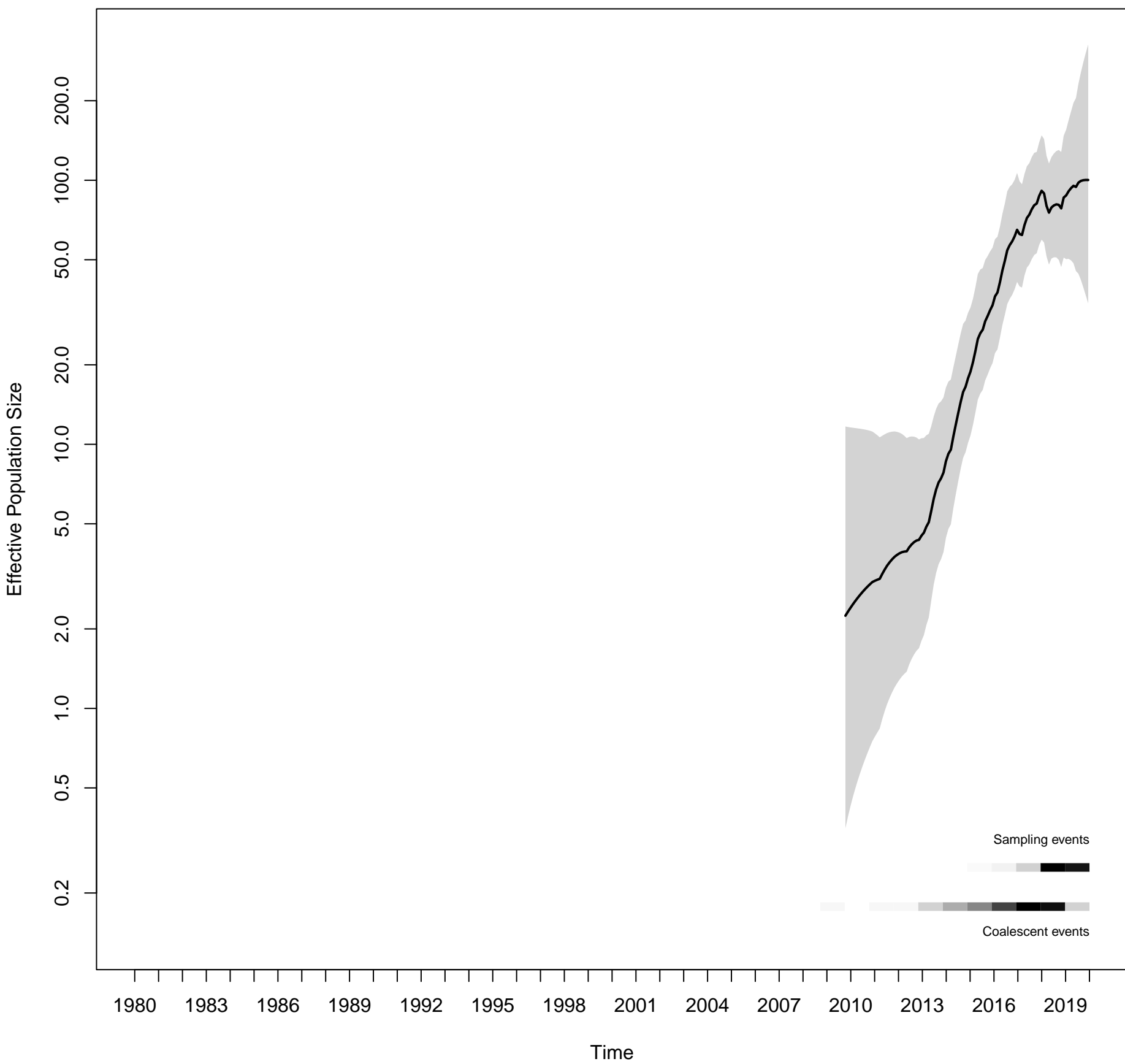




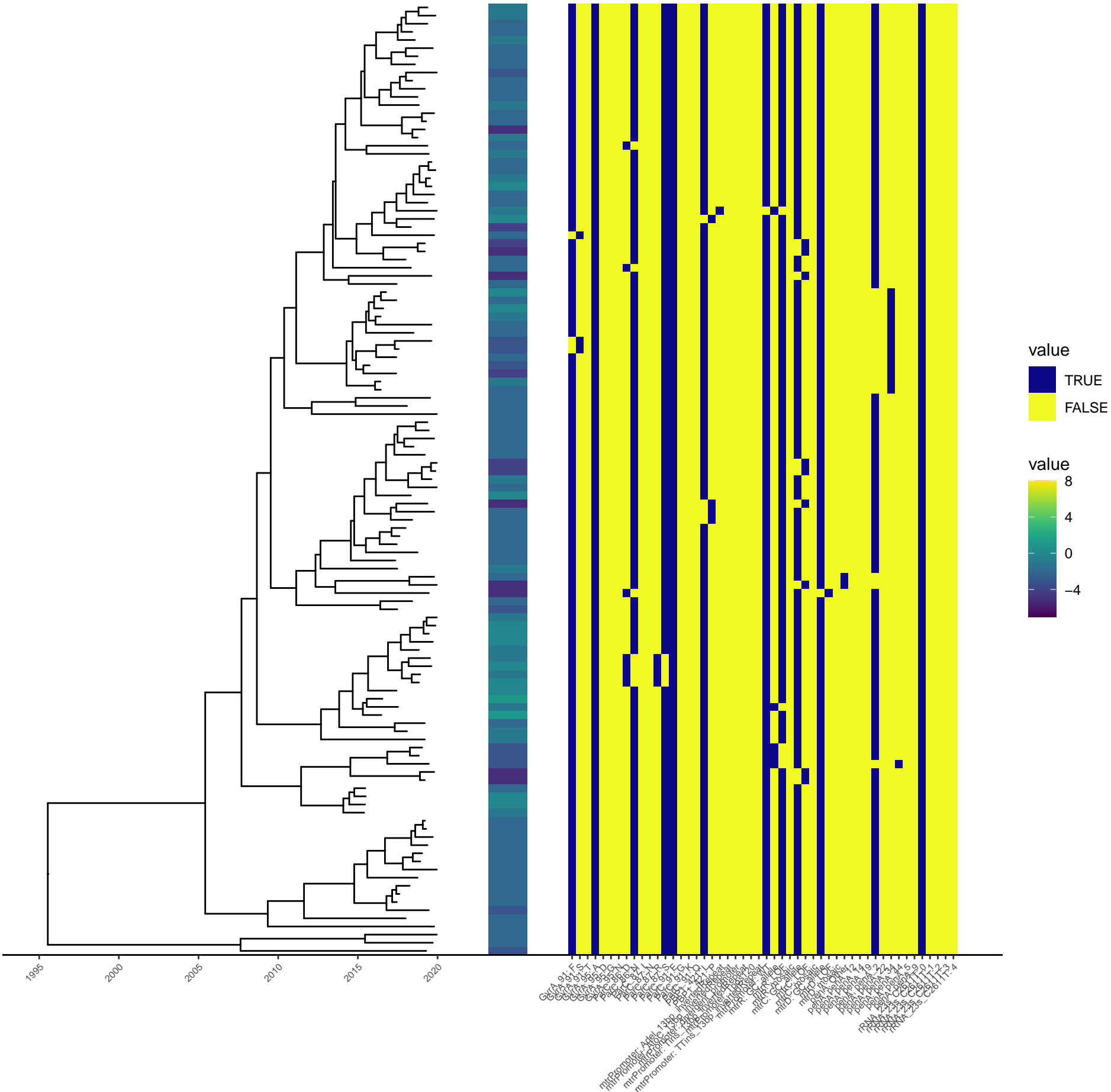


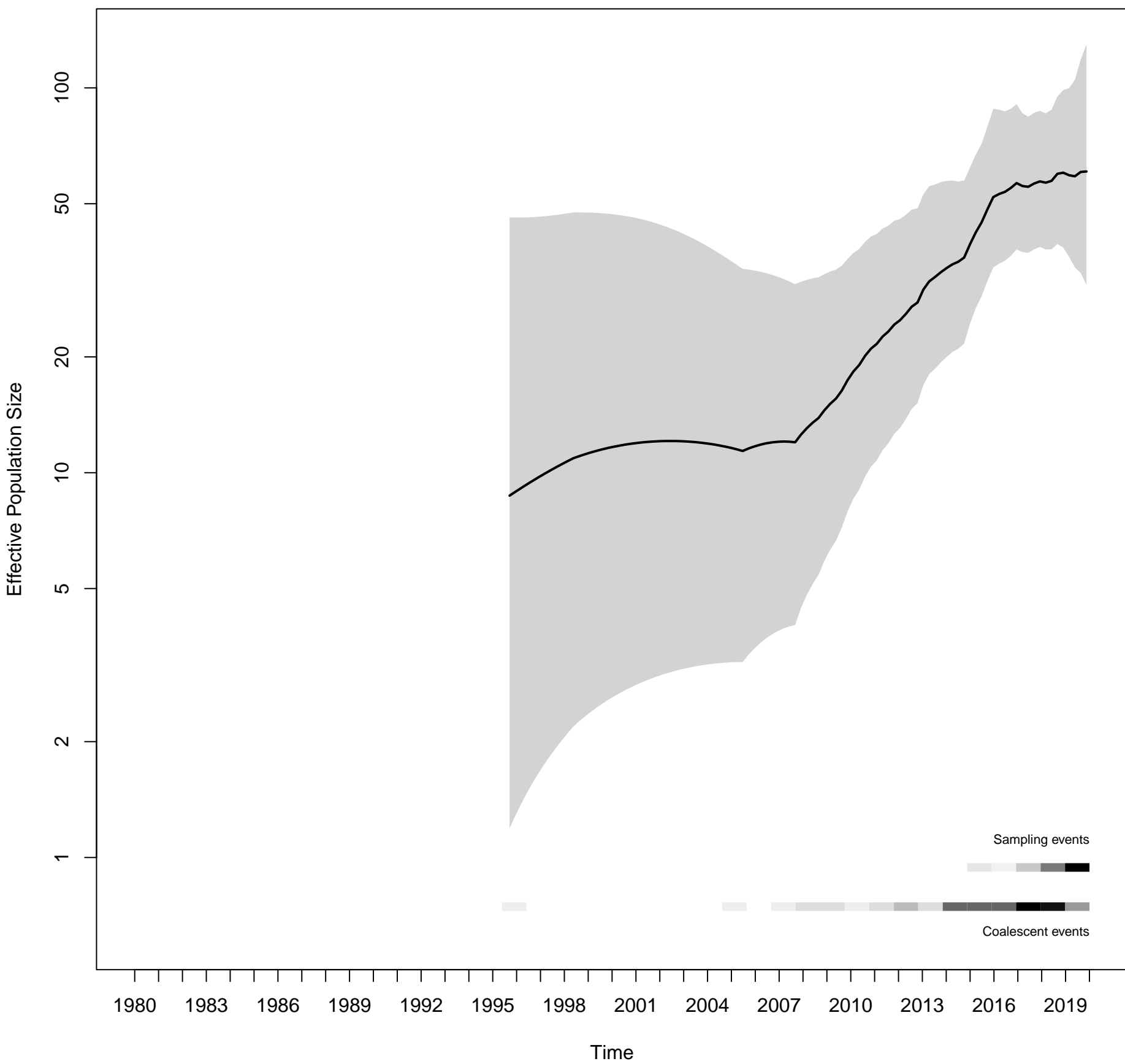
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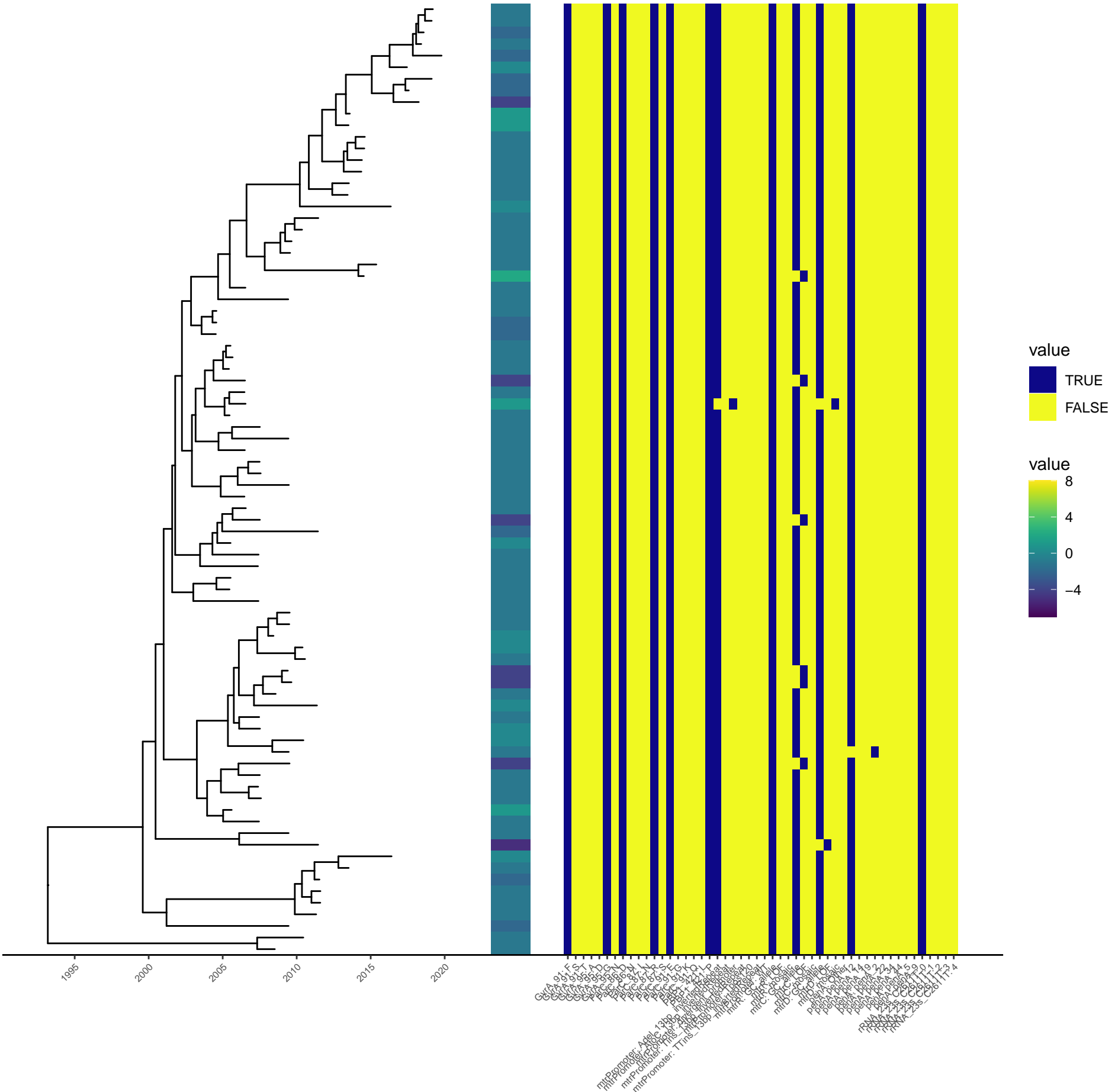


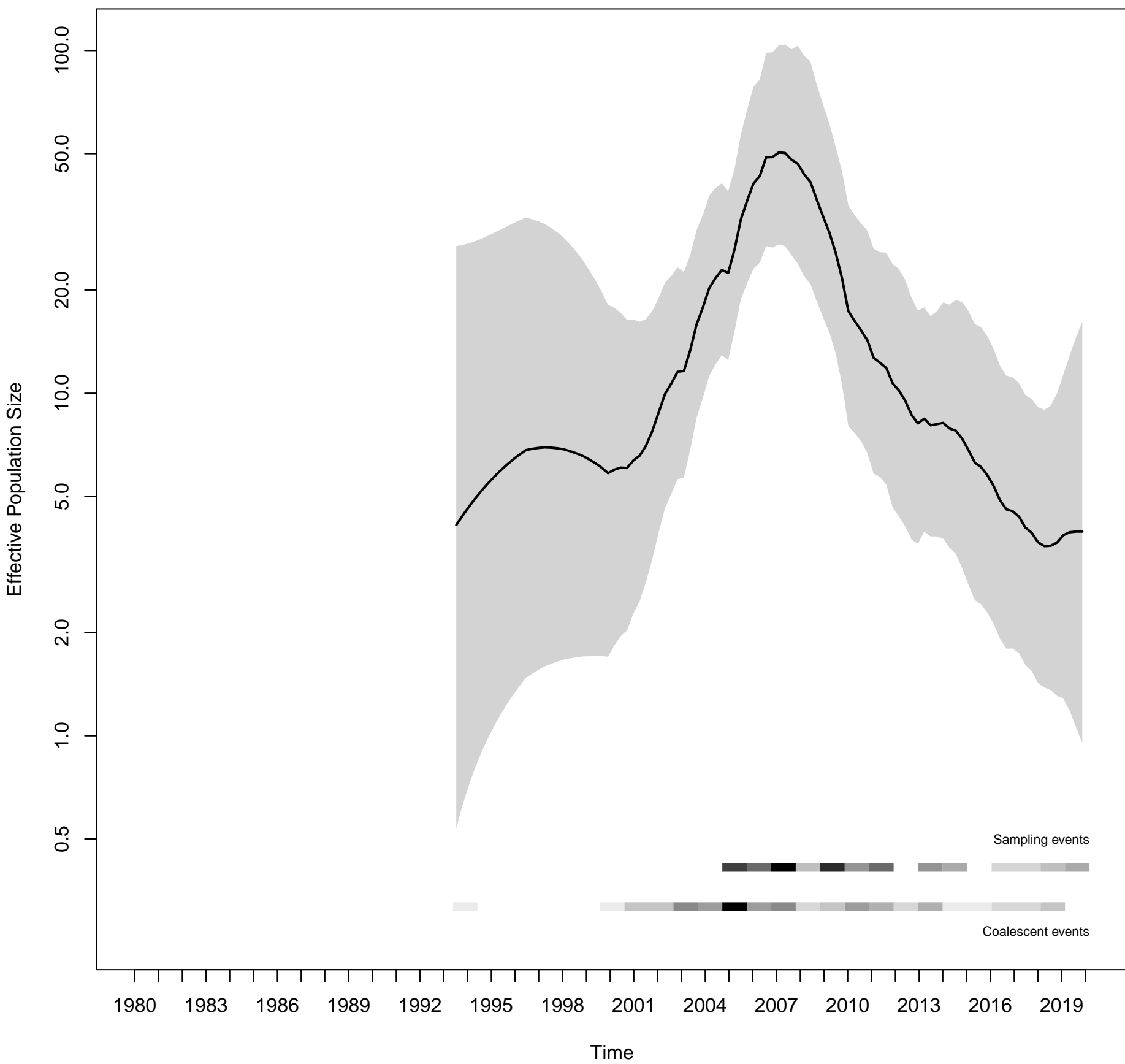
penA\_2



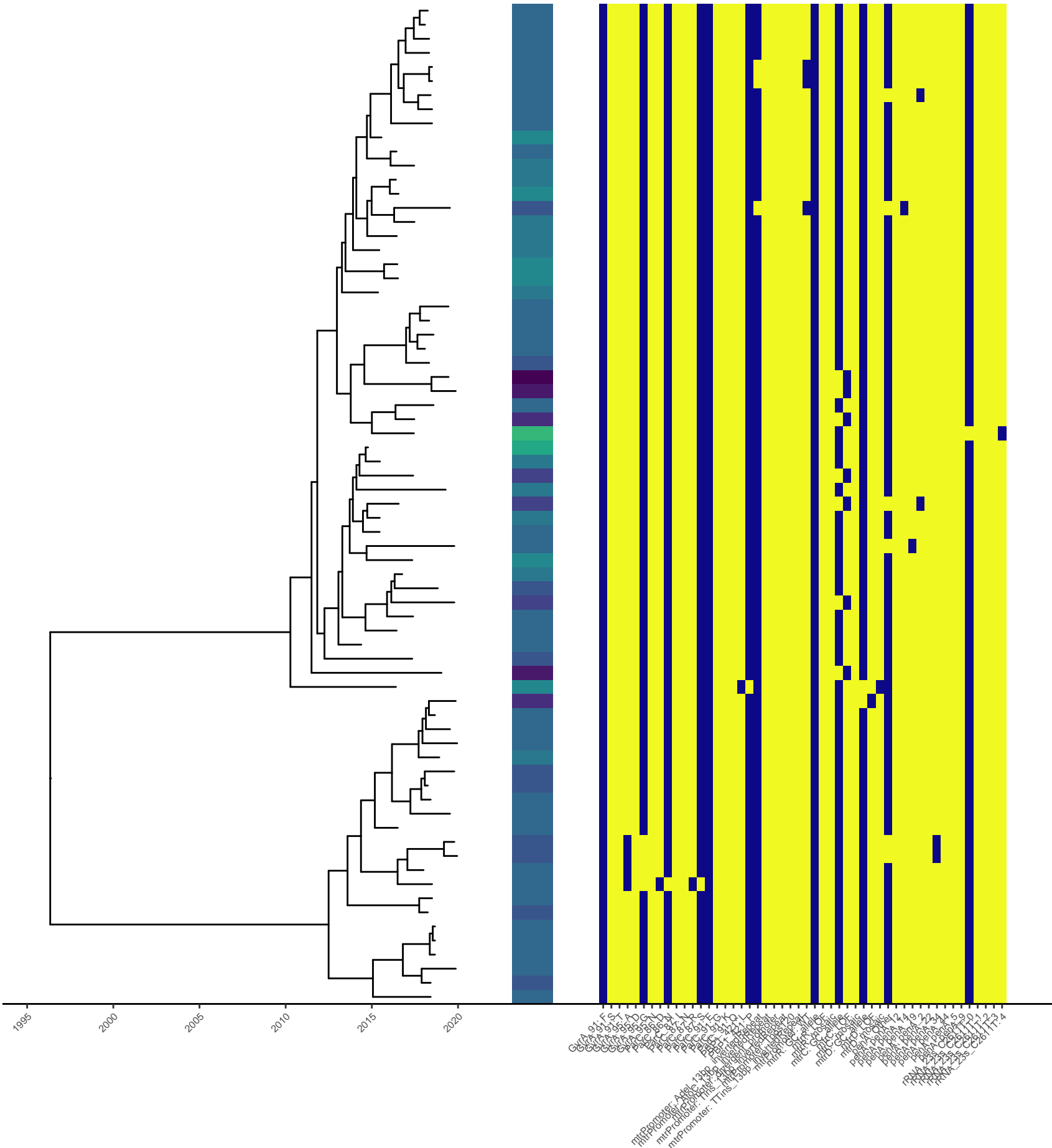


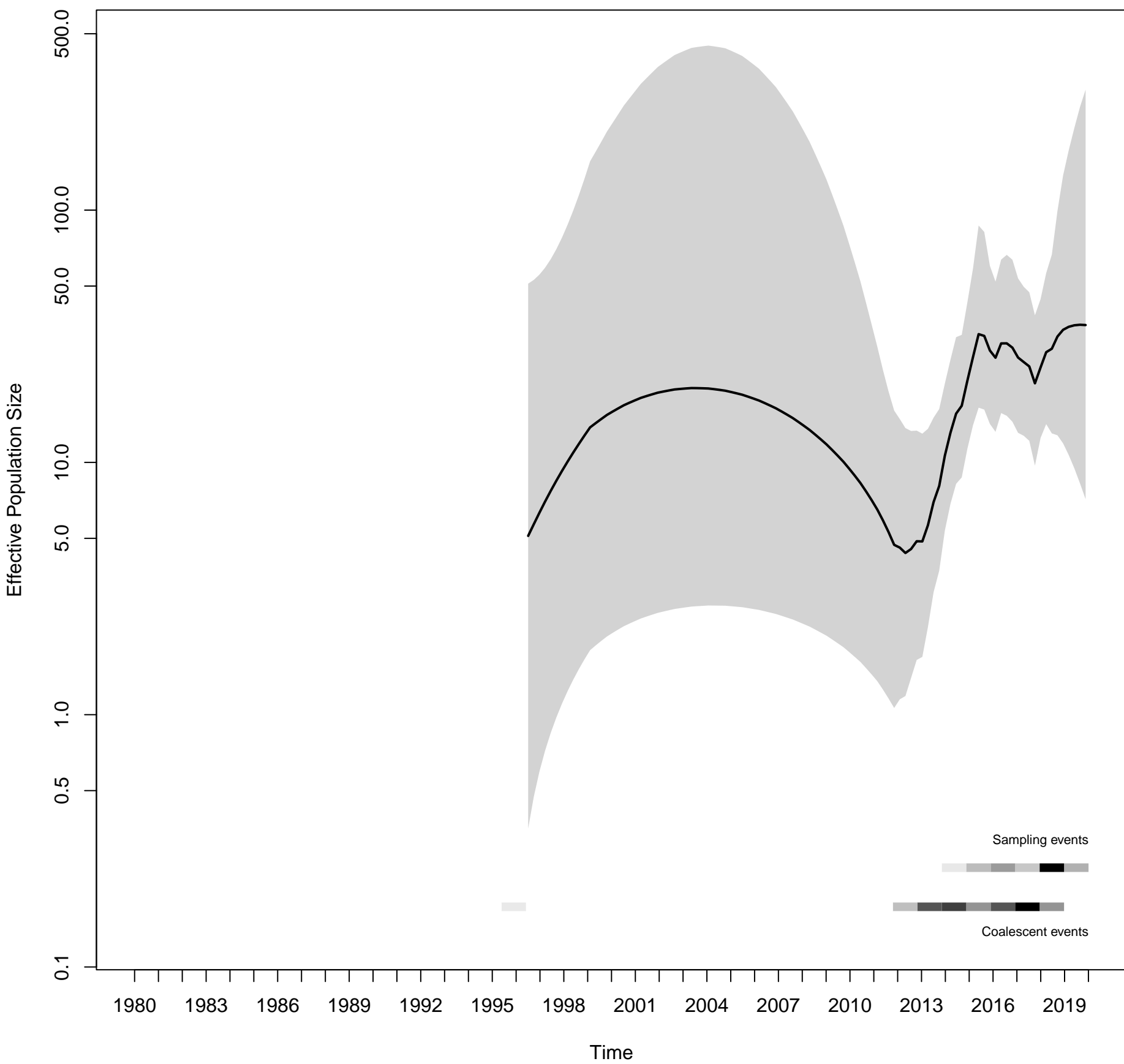
penA\_12





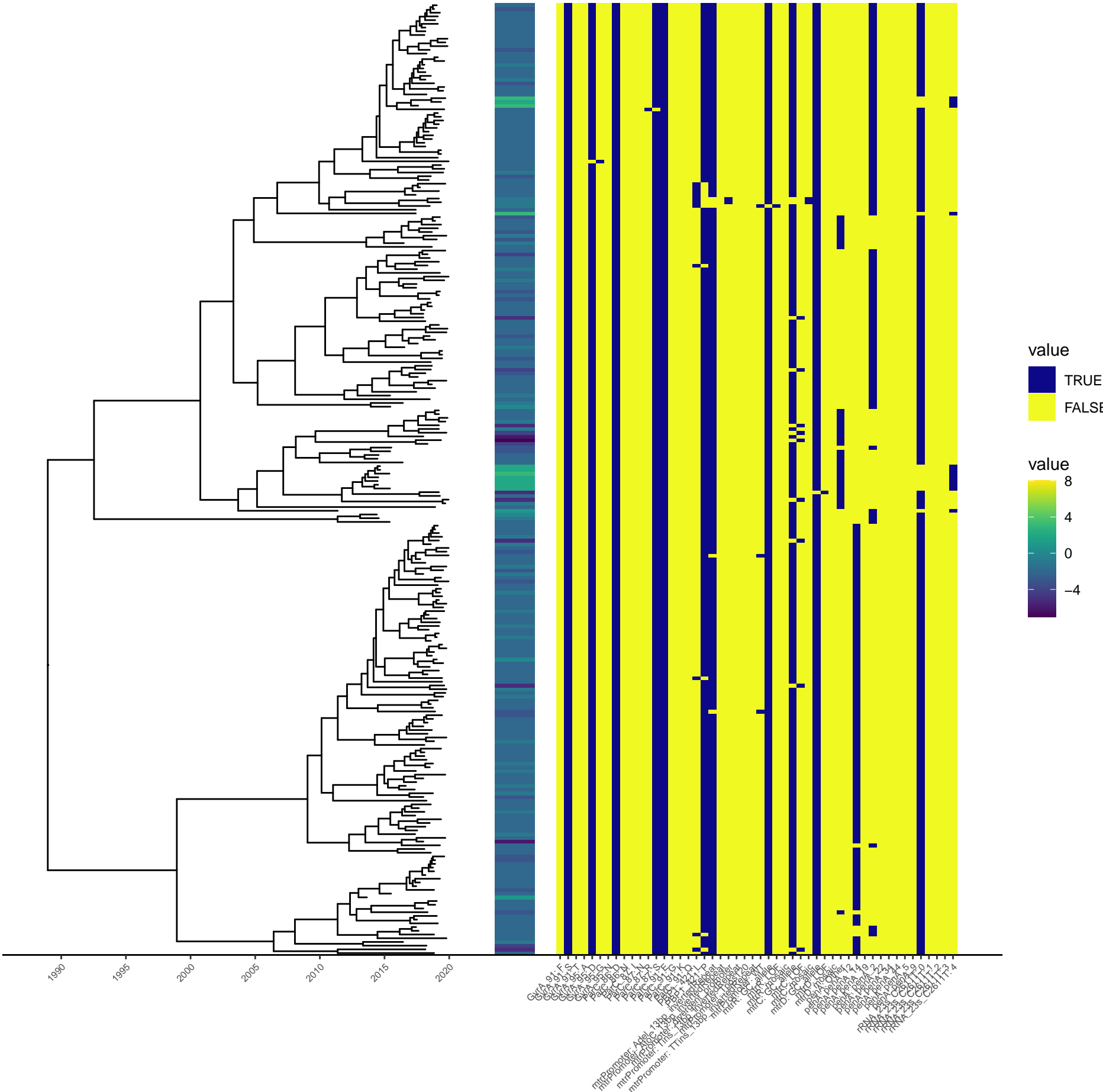
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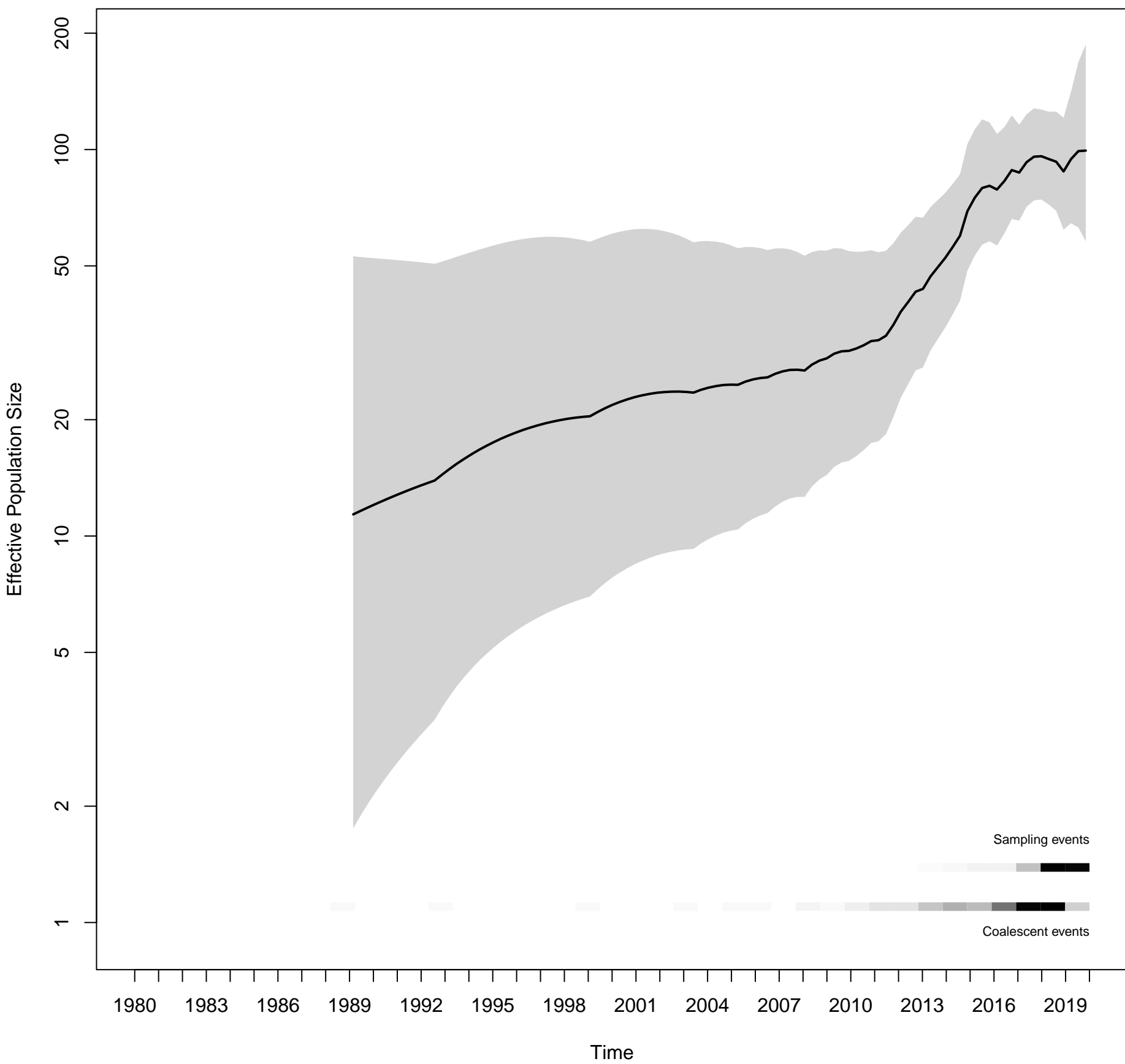




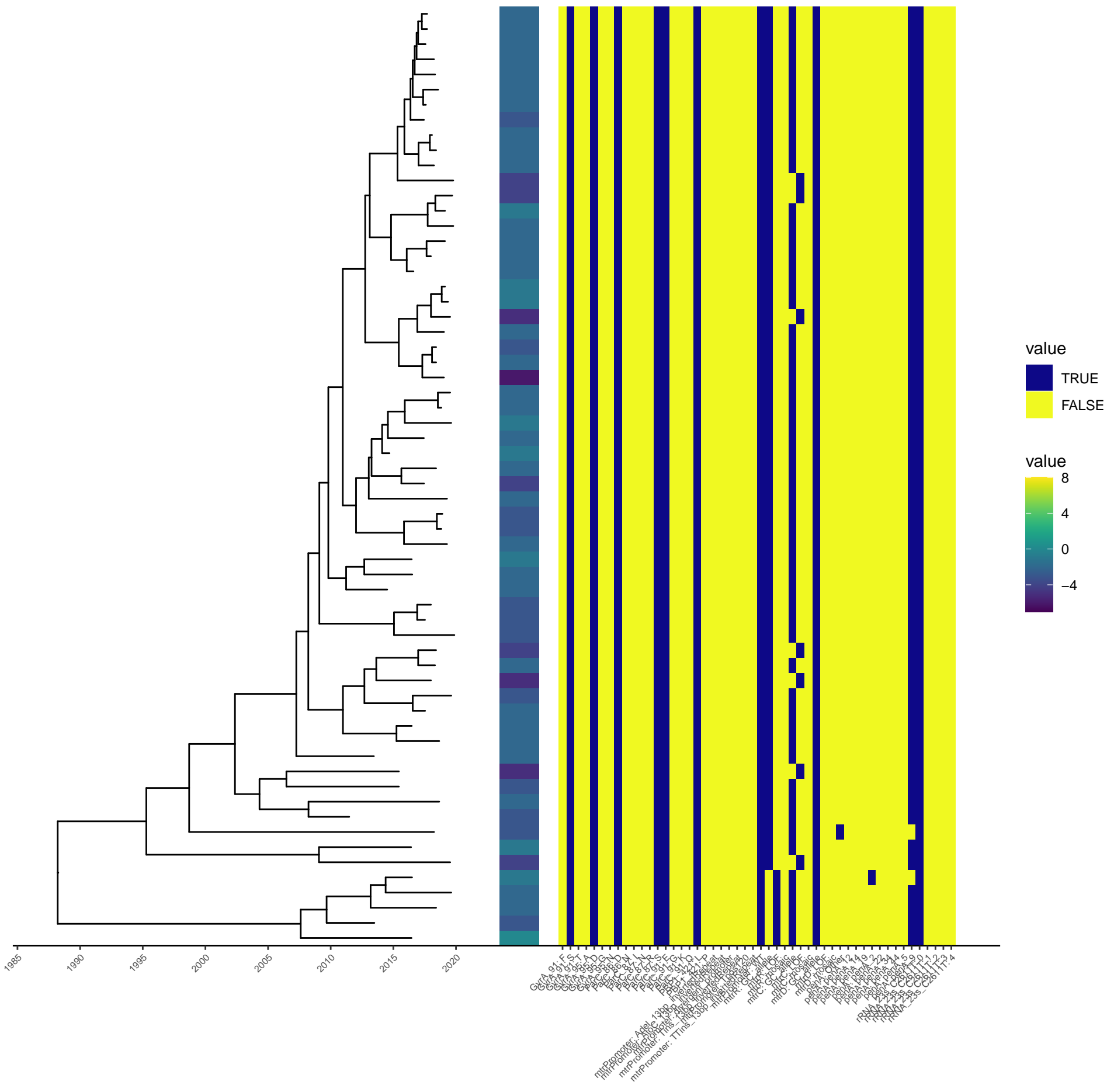


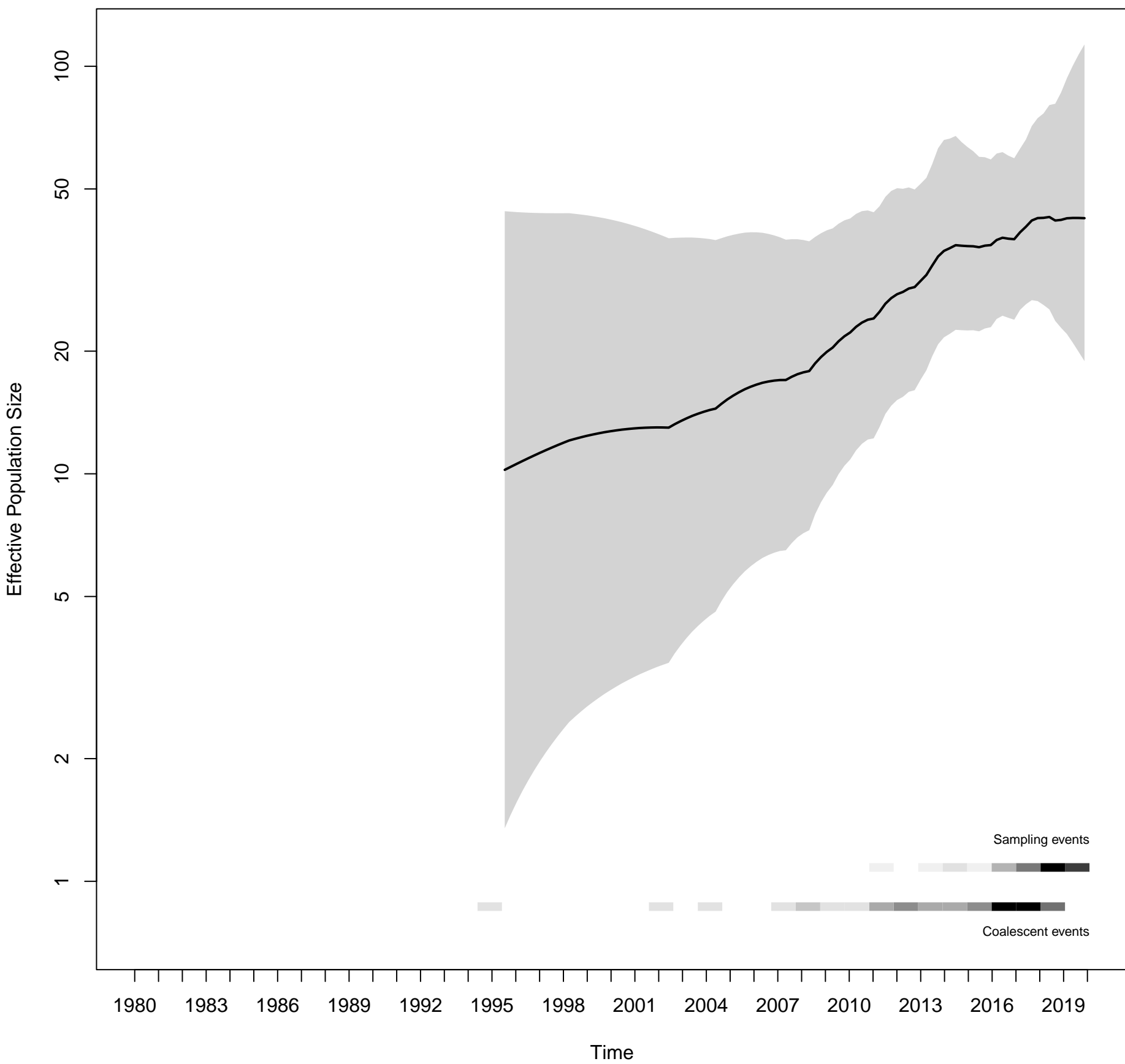
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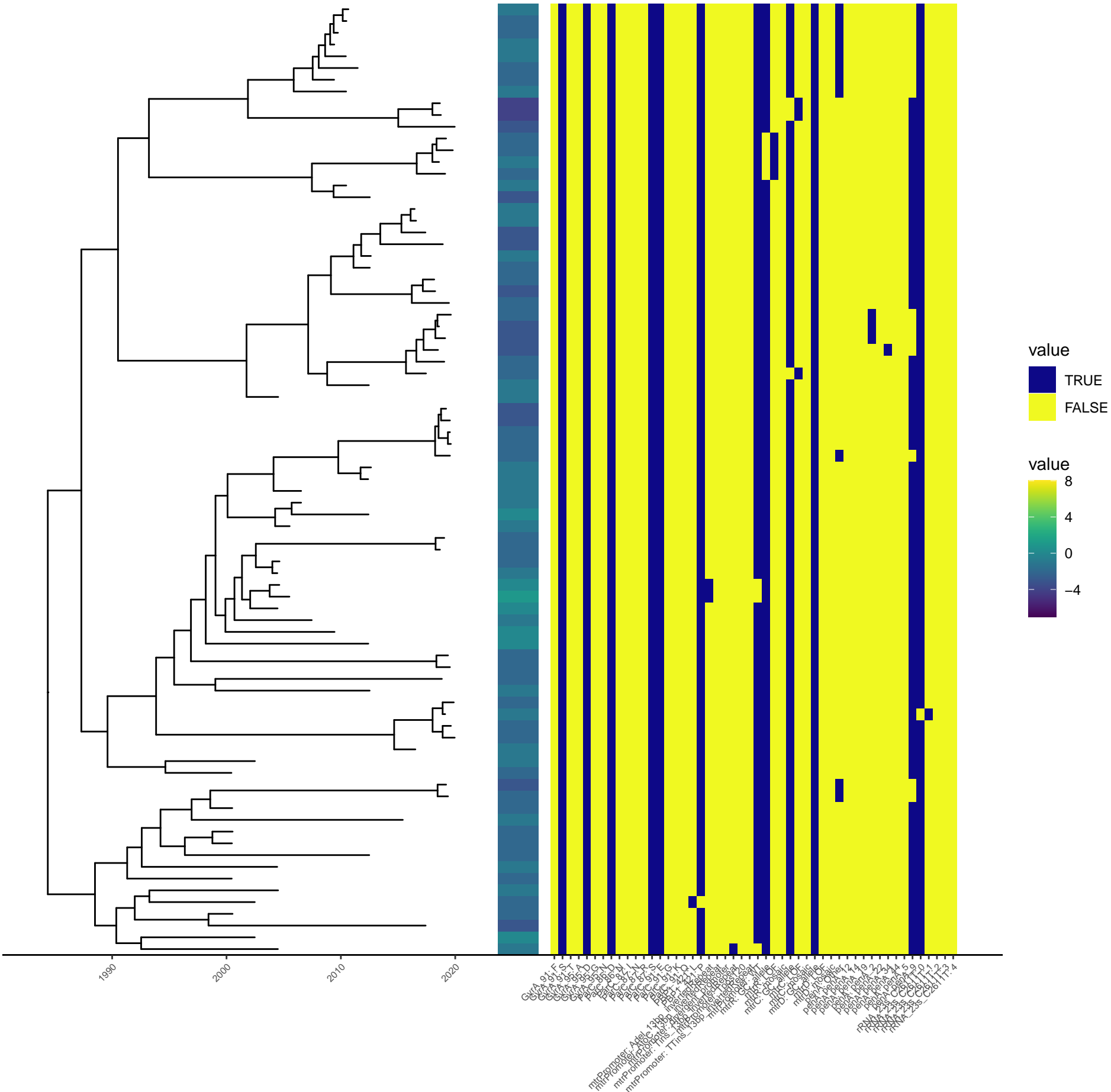


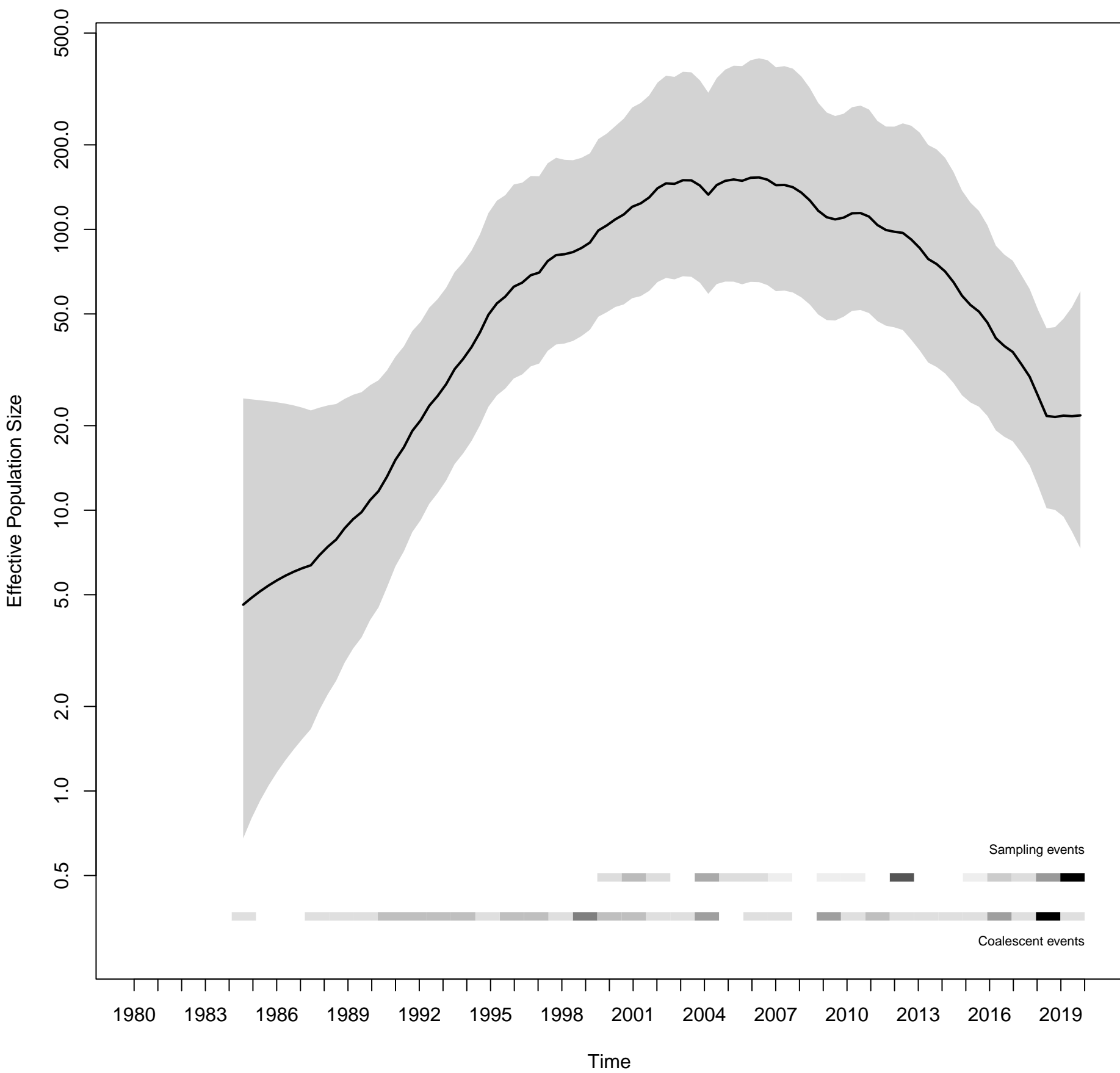
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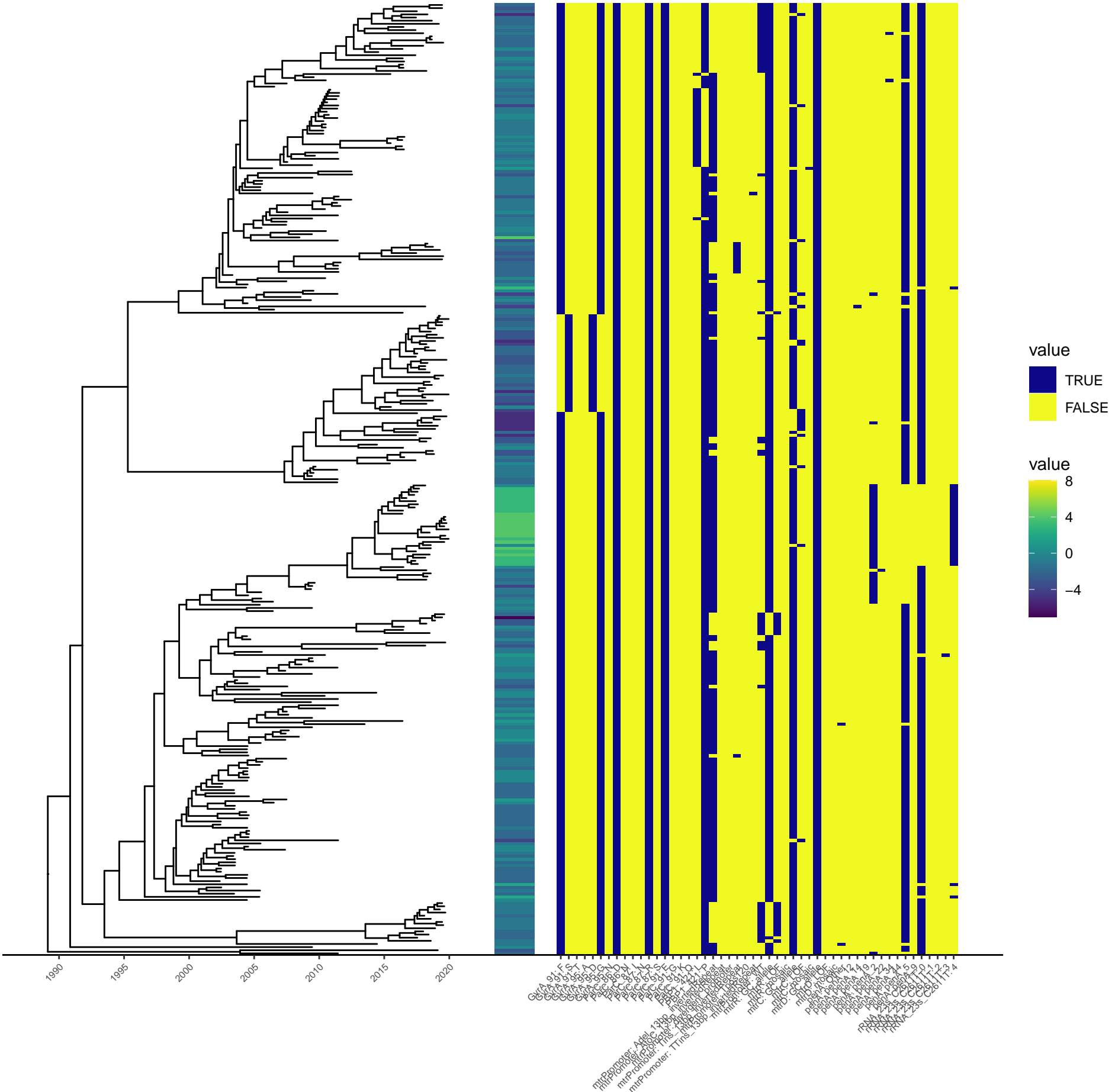


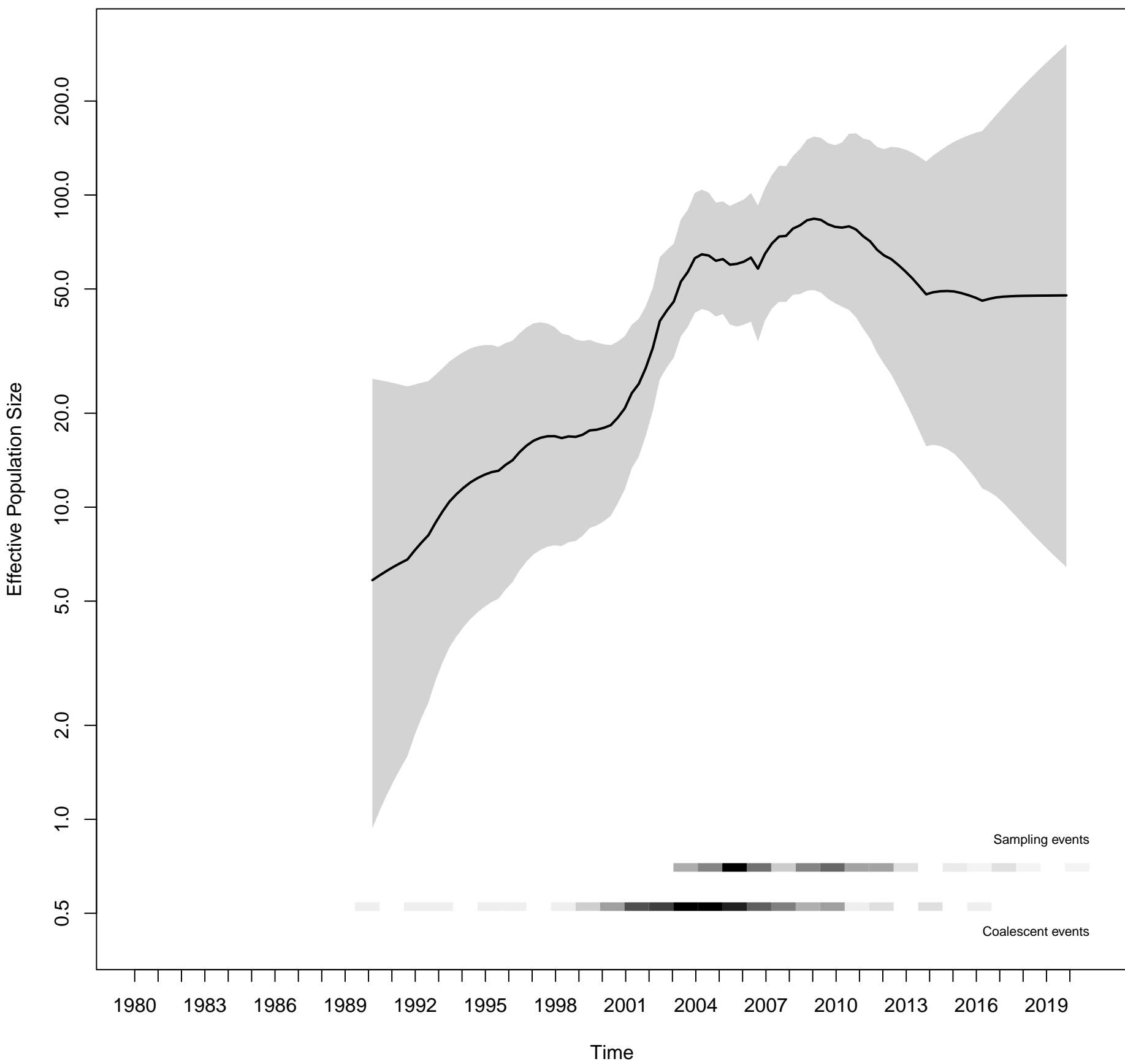
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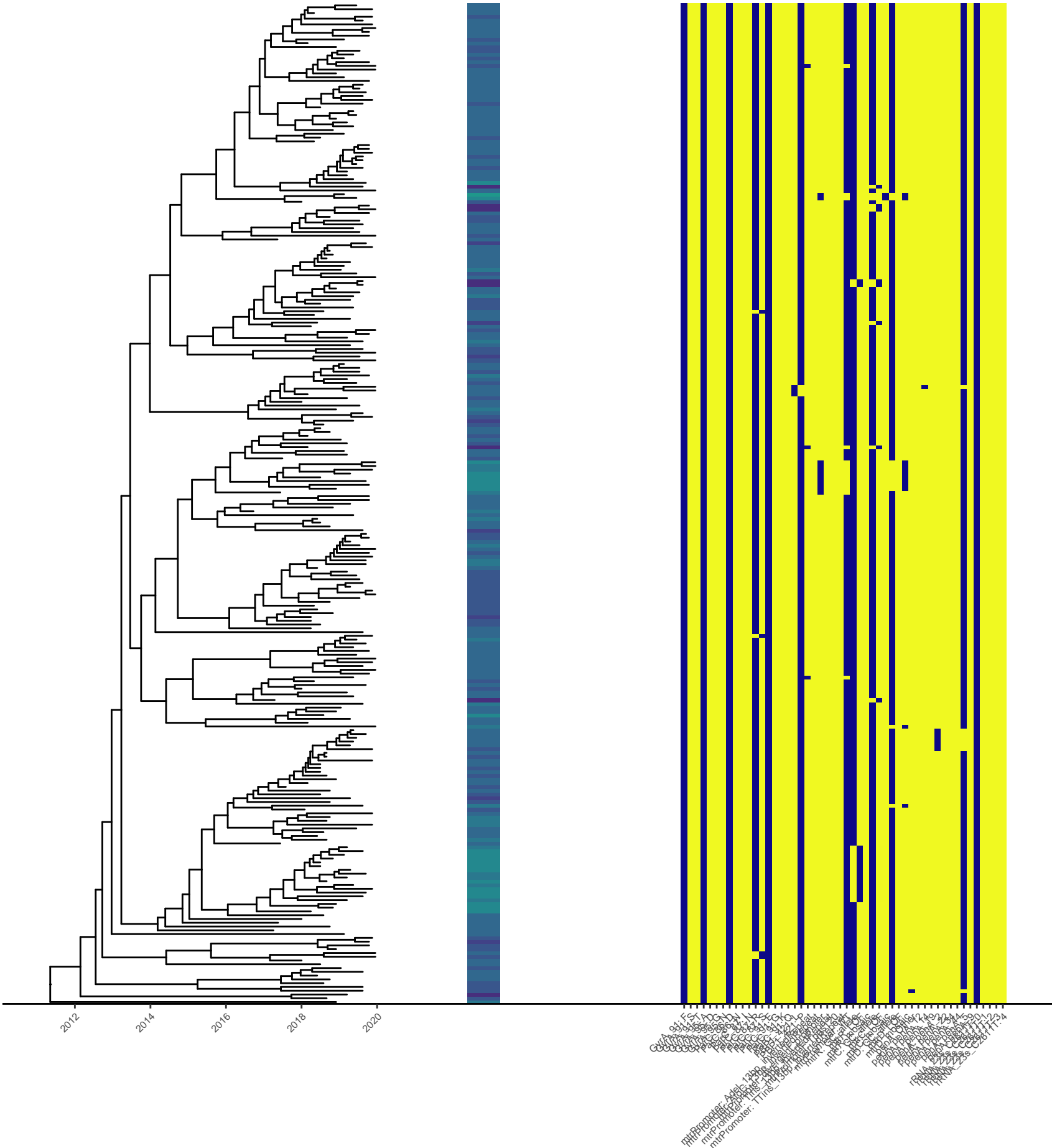
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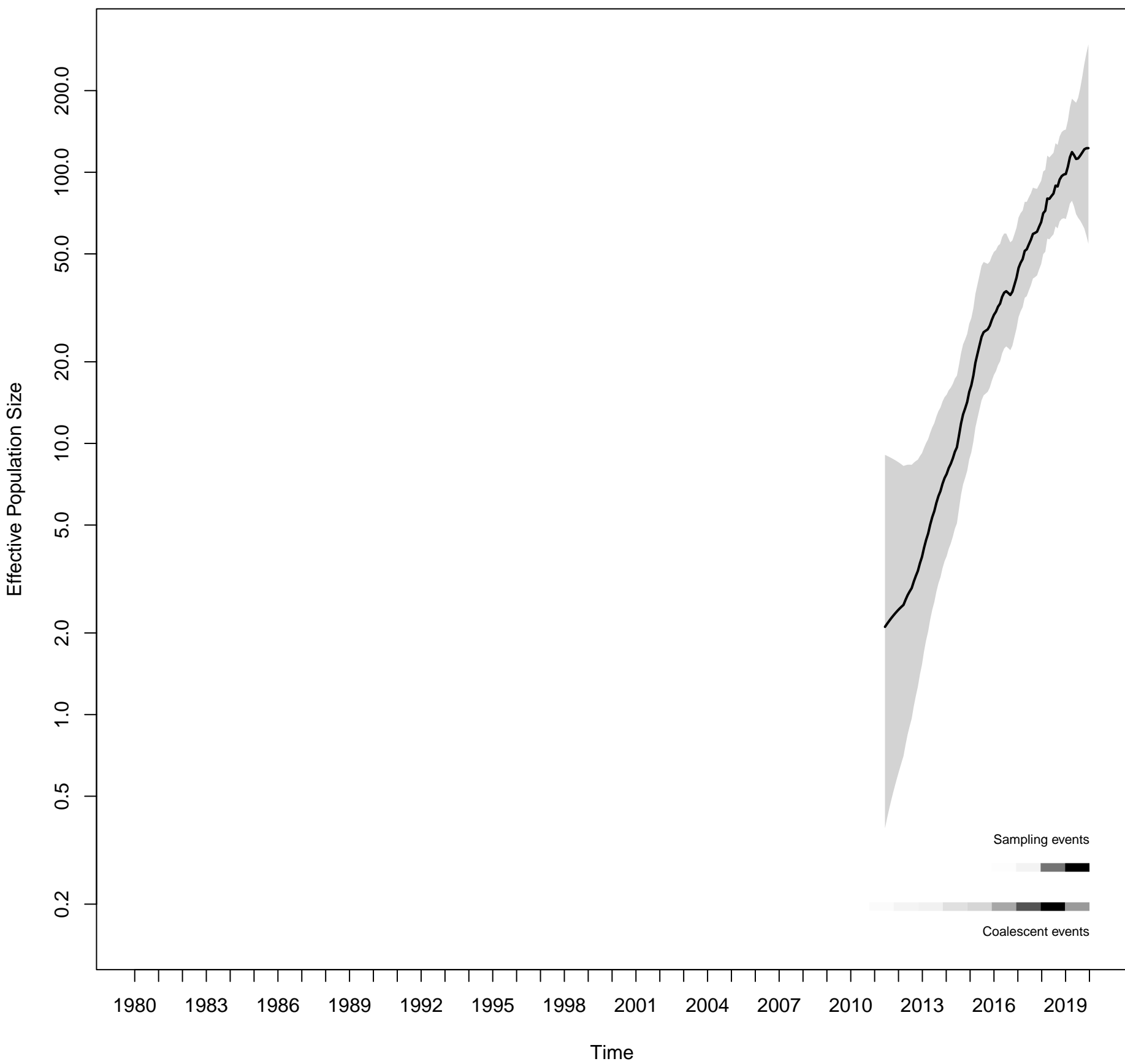




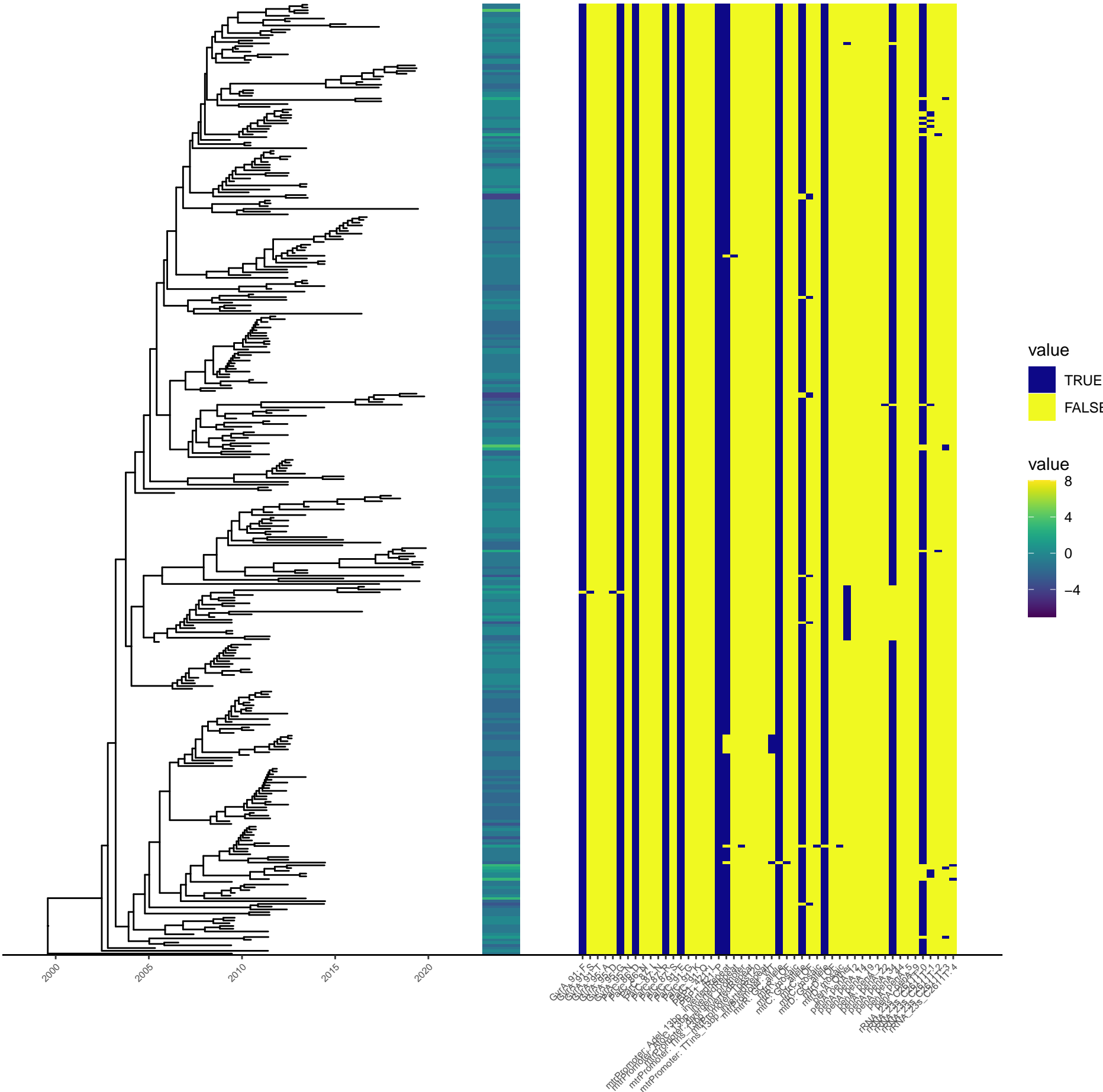


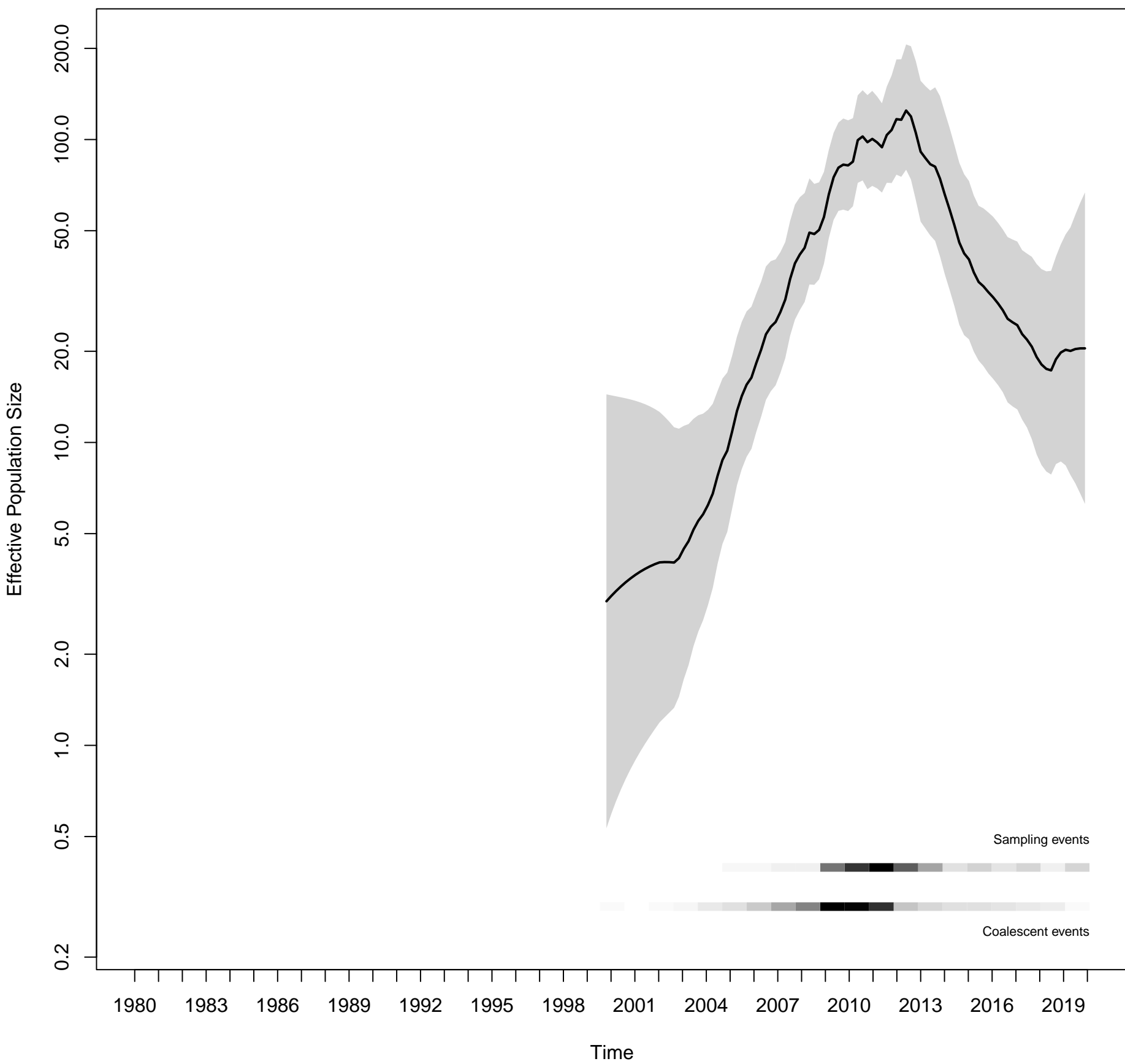
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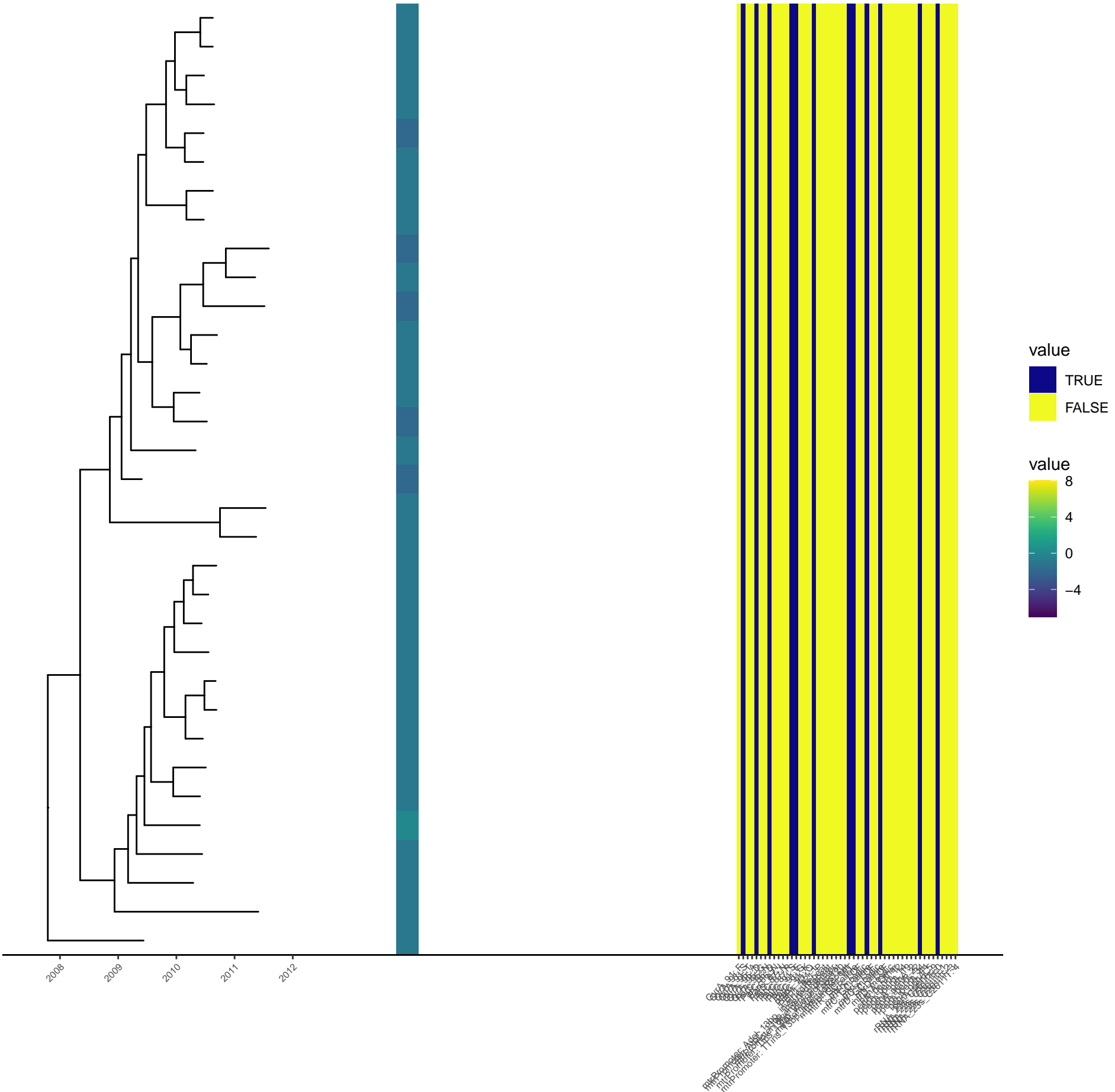


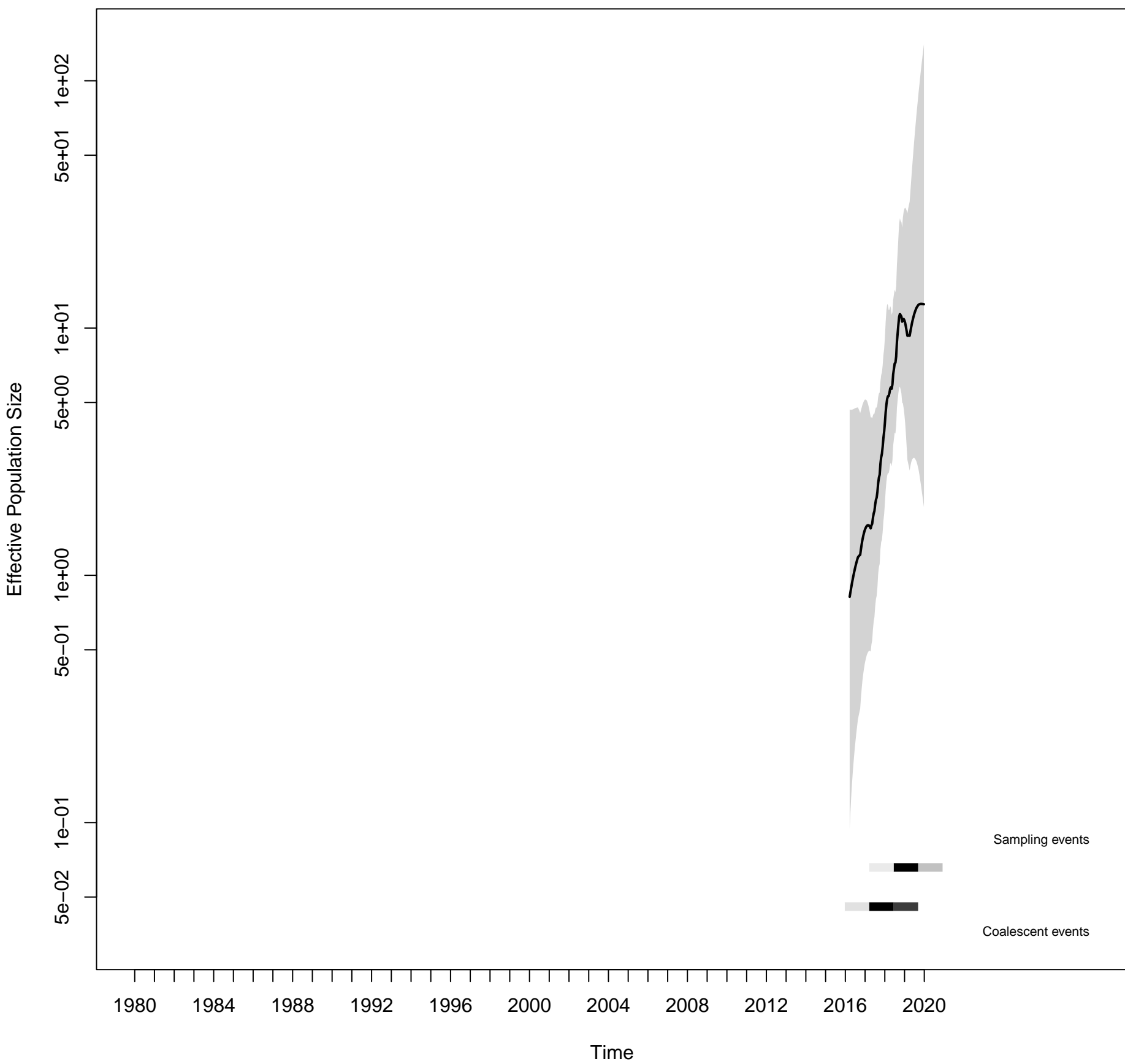
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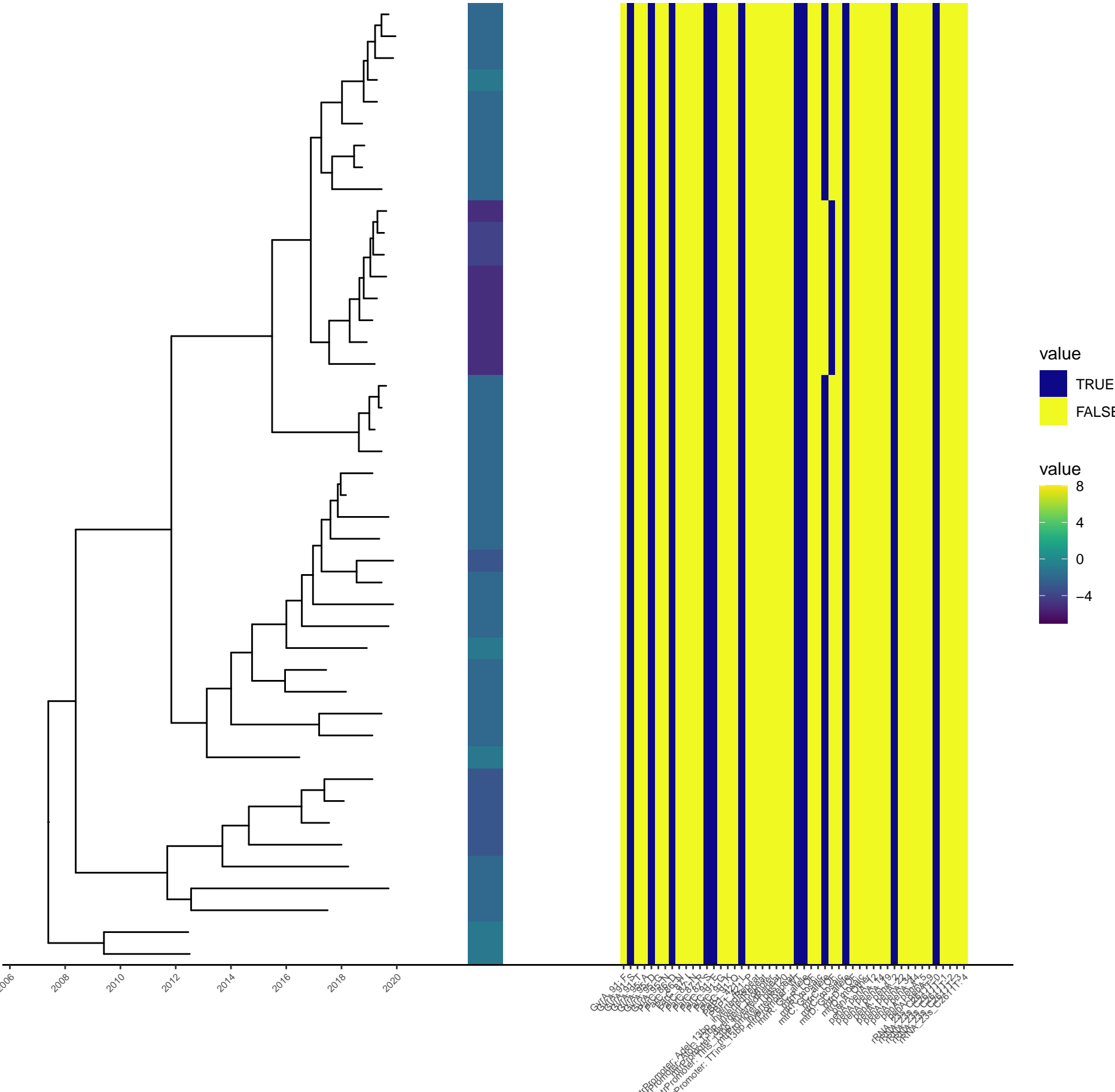


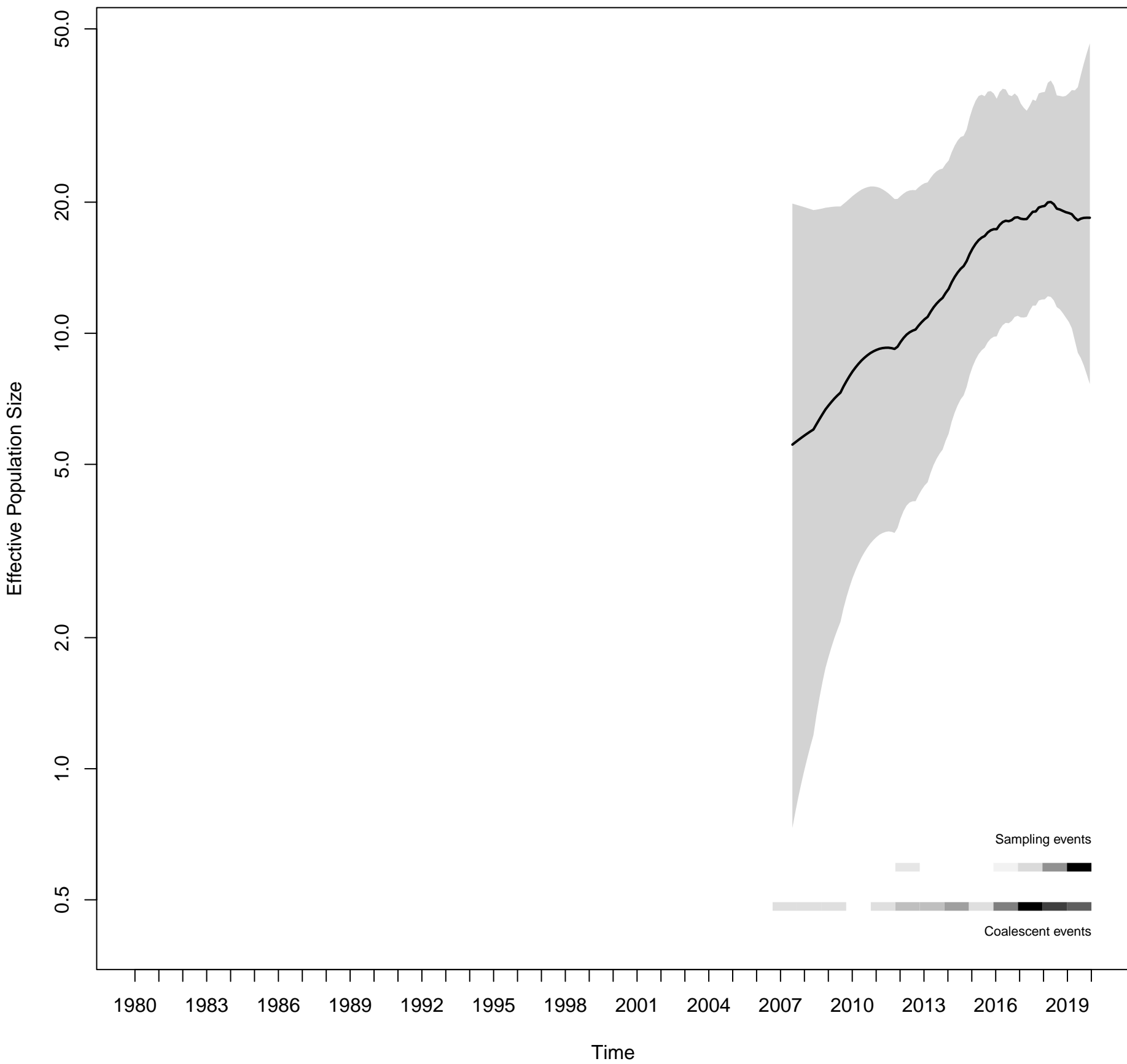
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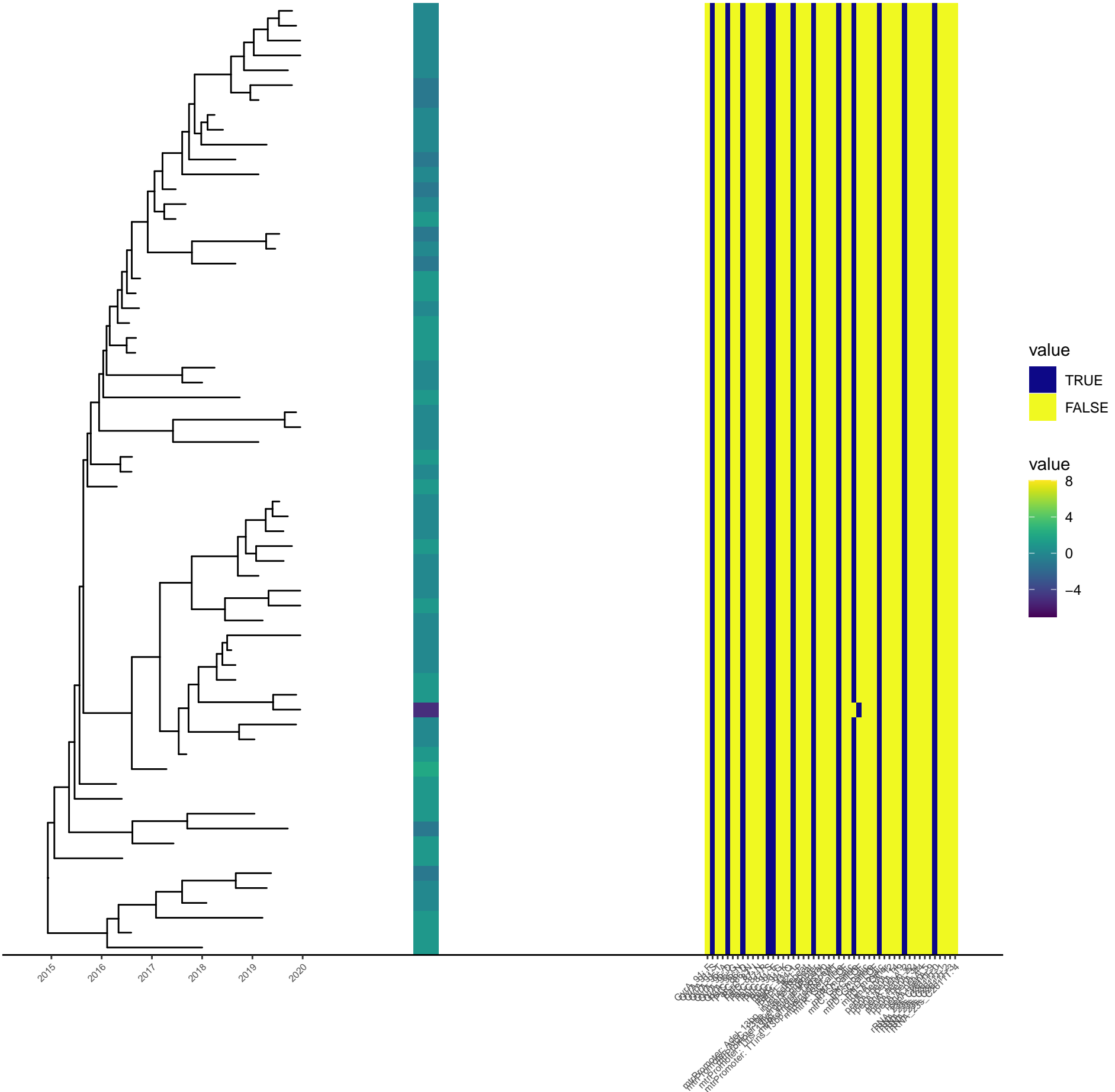
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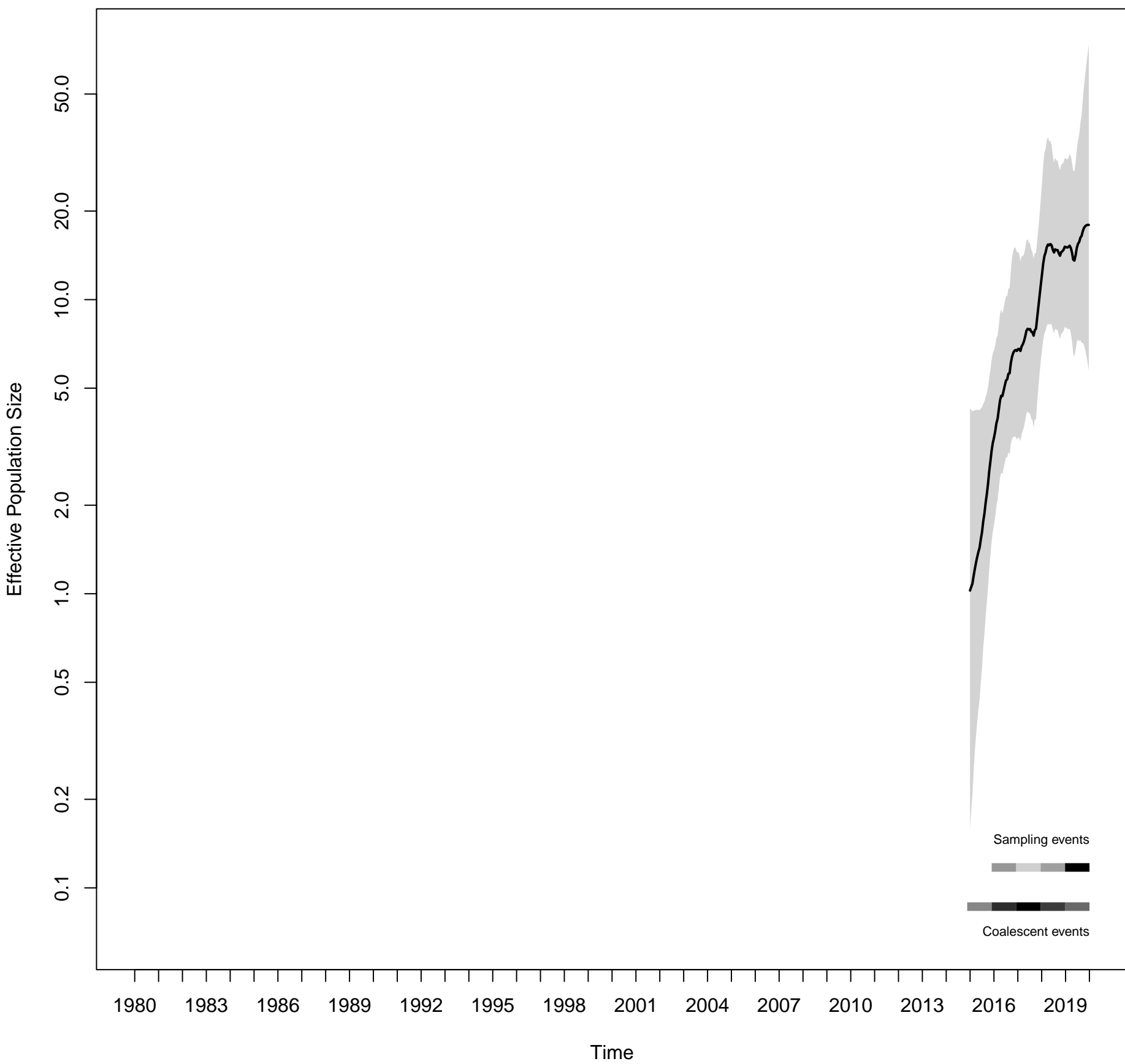




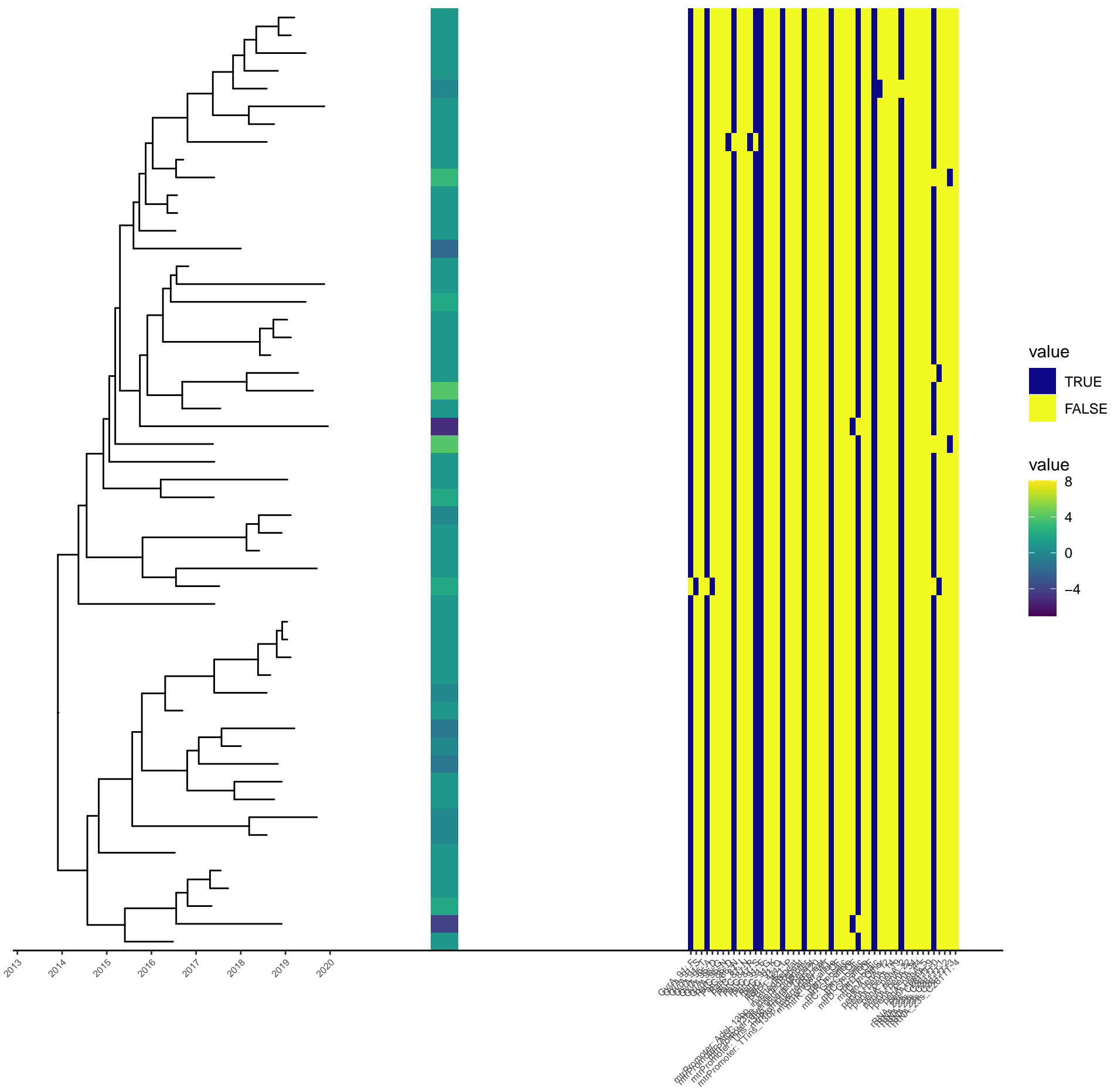


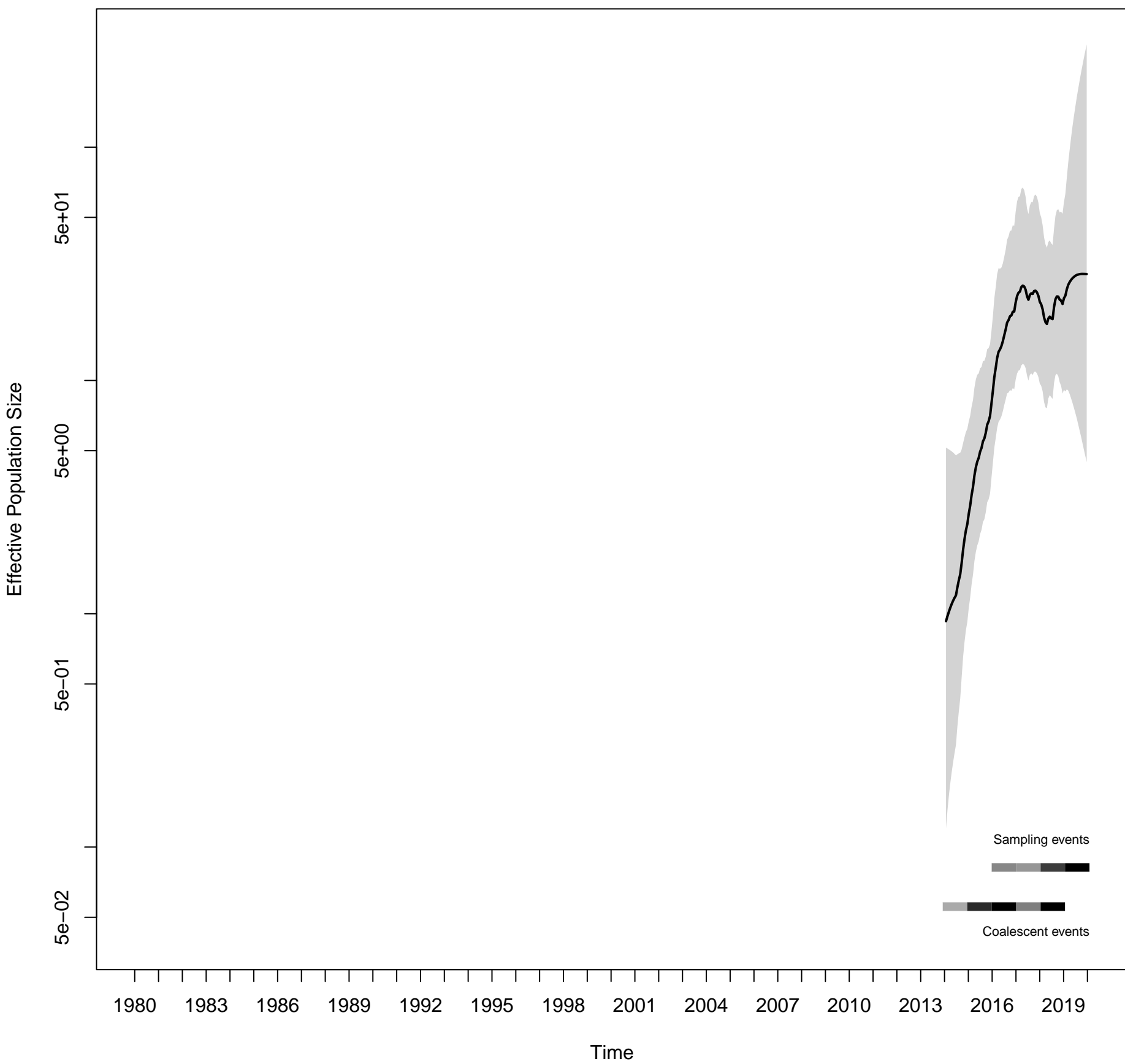
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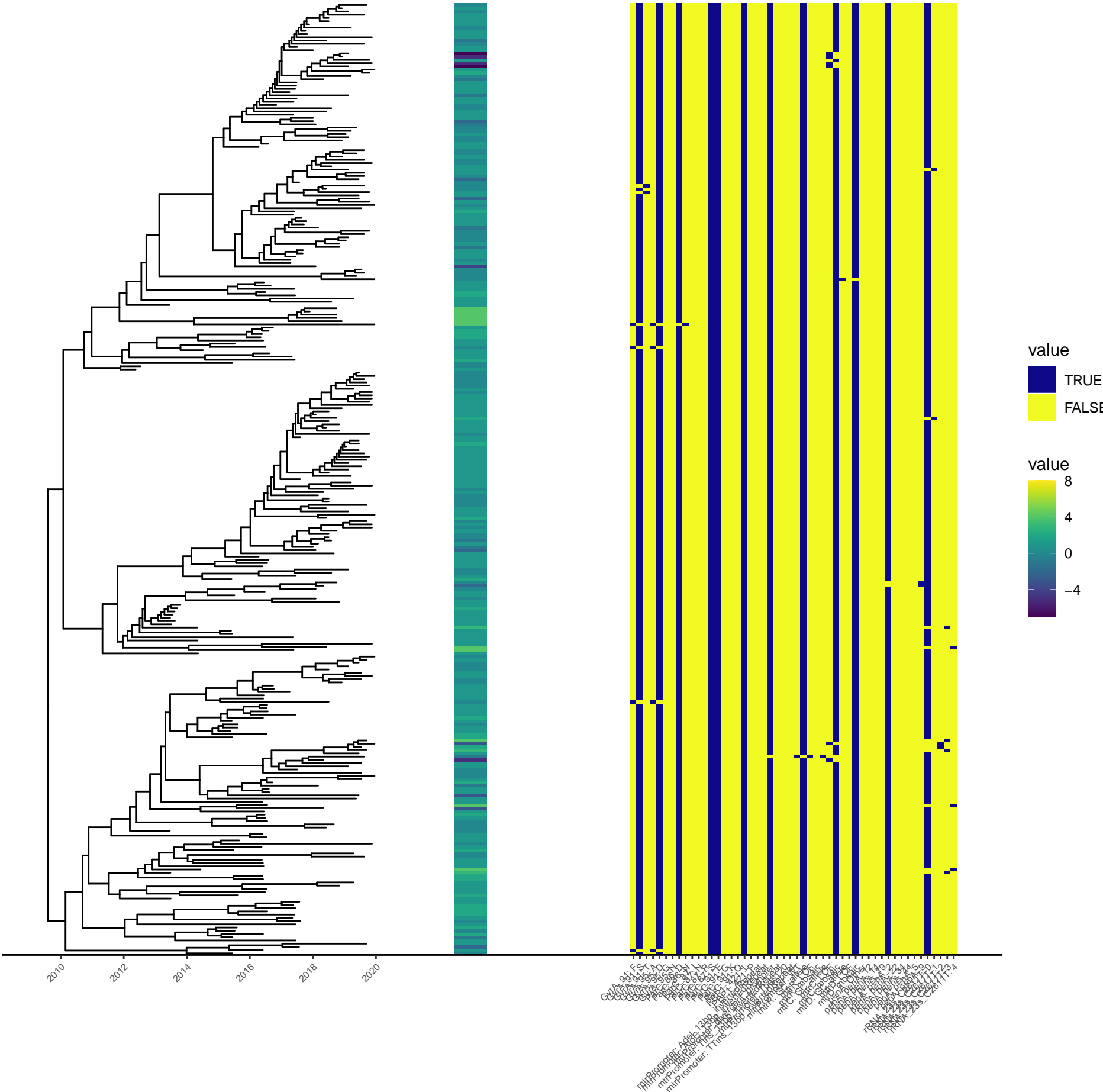


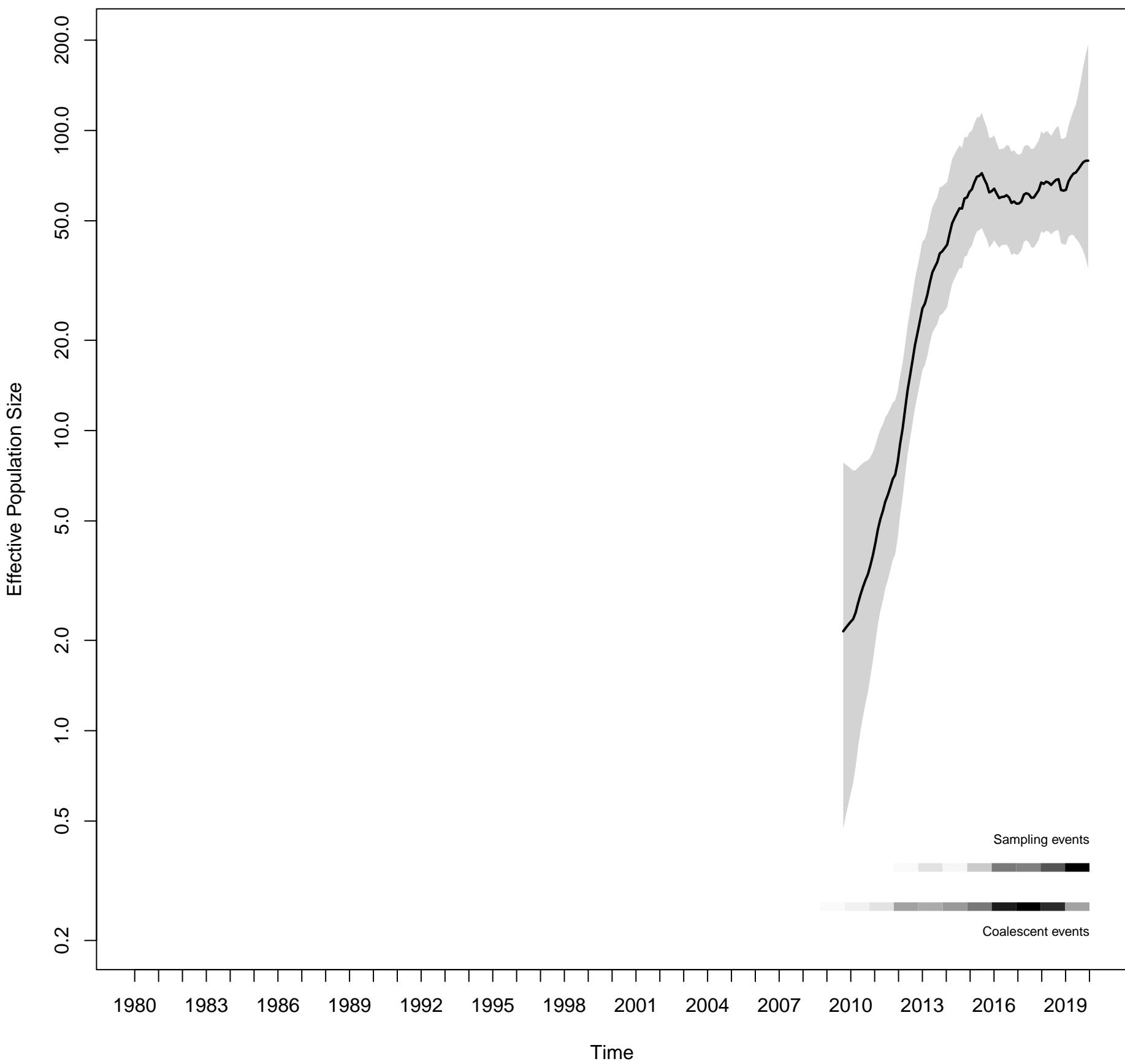
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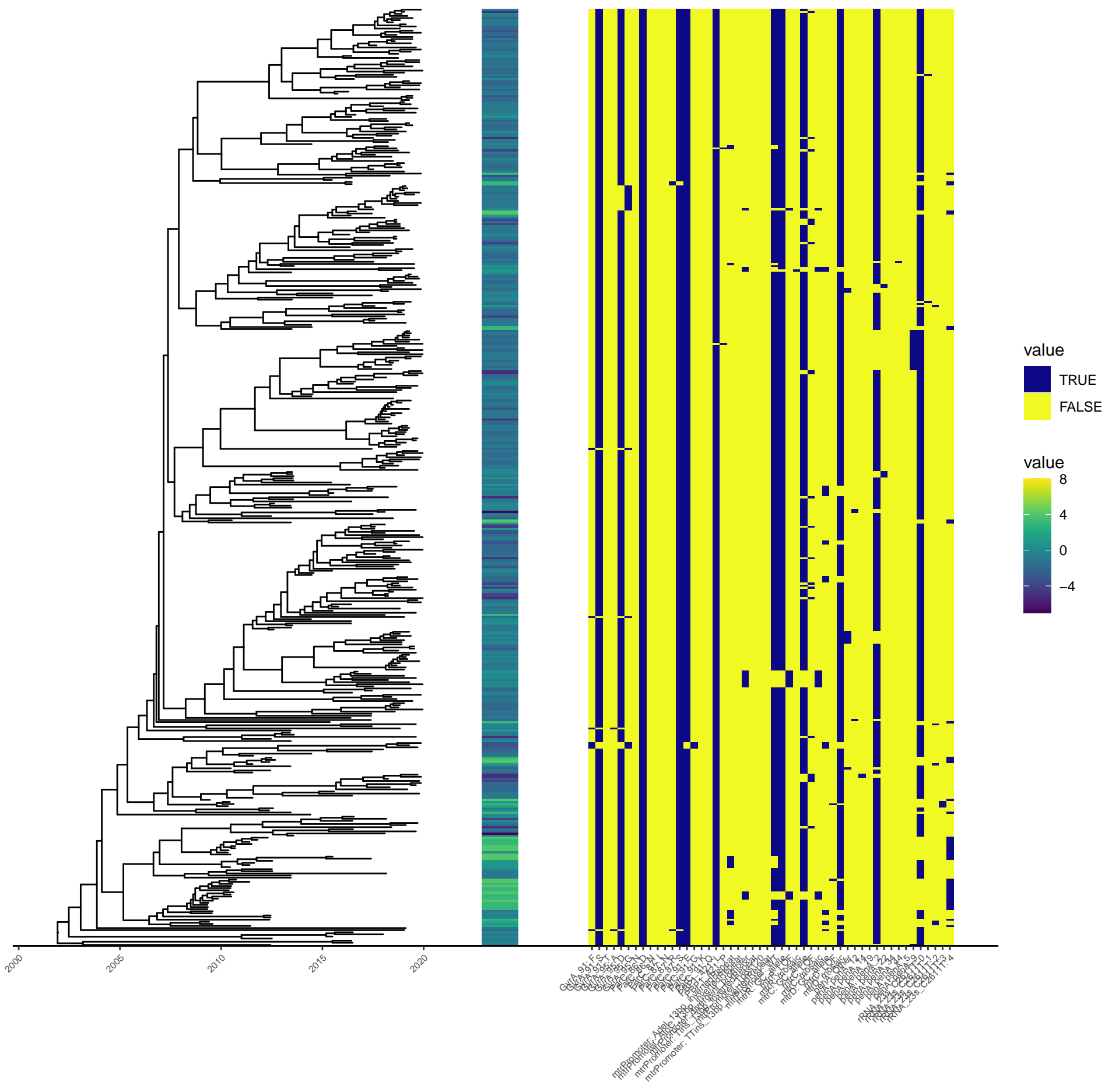


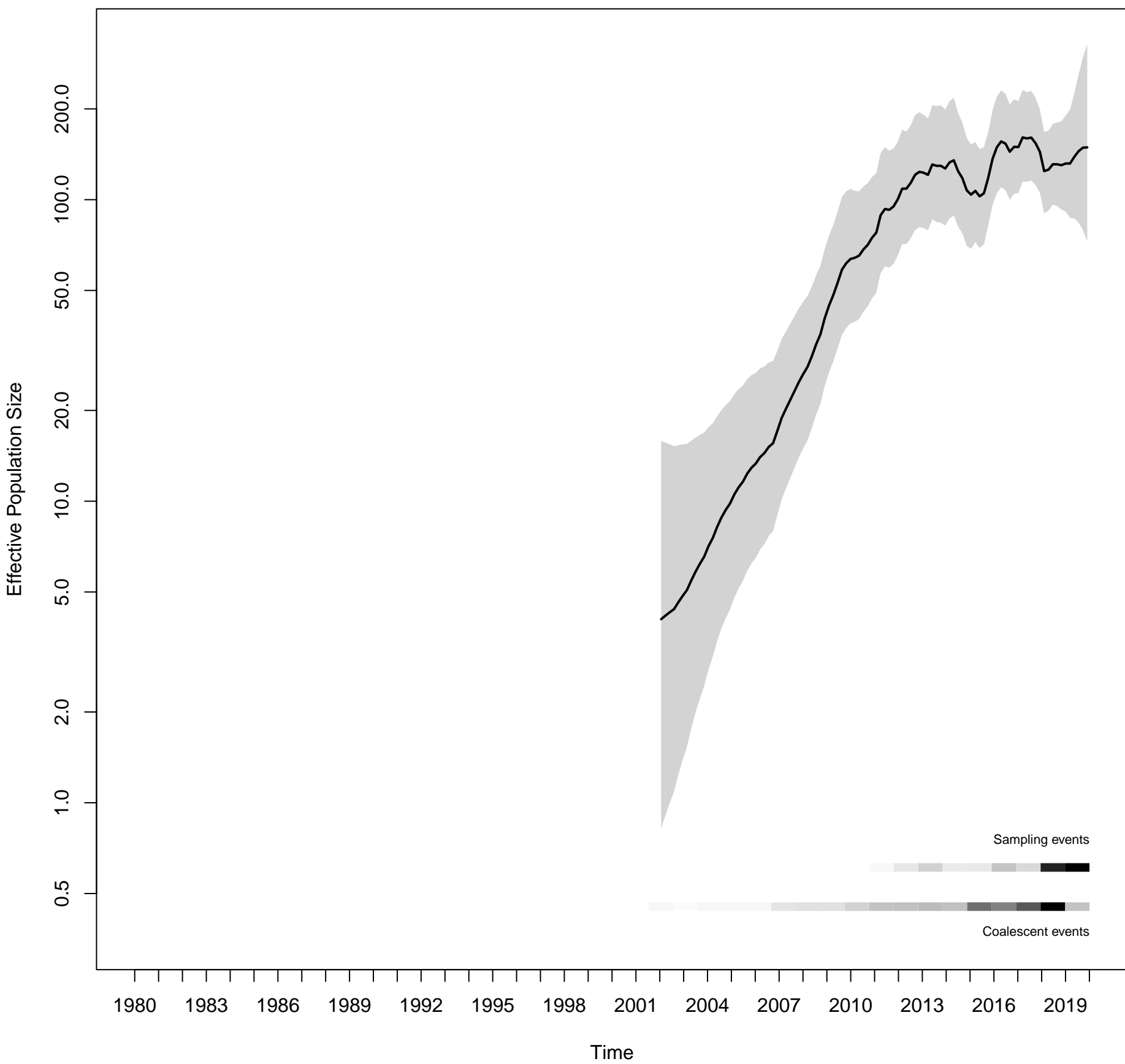
penA\_2





penA\_2







penA\_2

