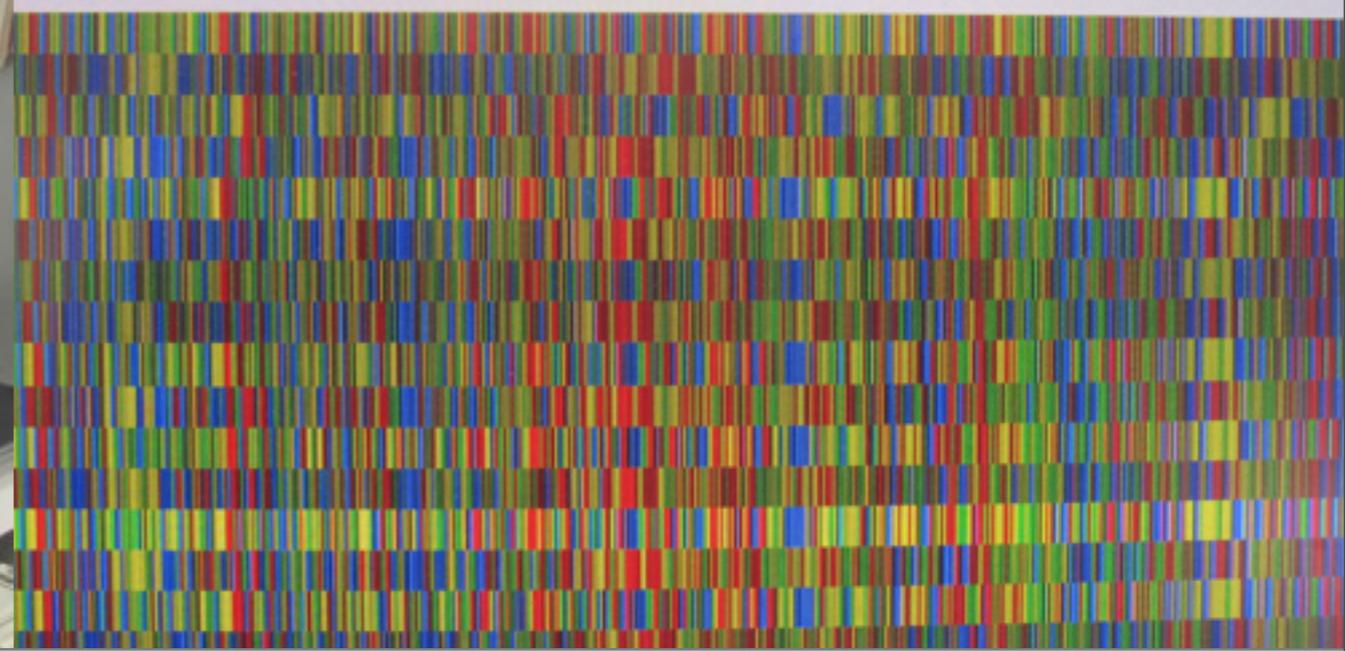


Instrument Protocol: UltraSeq36_POP7+8min

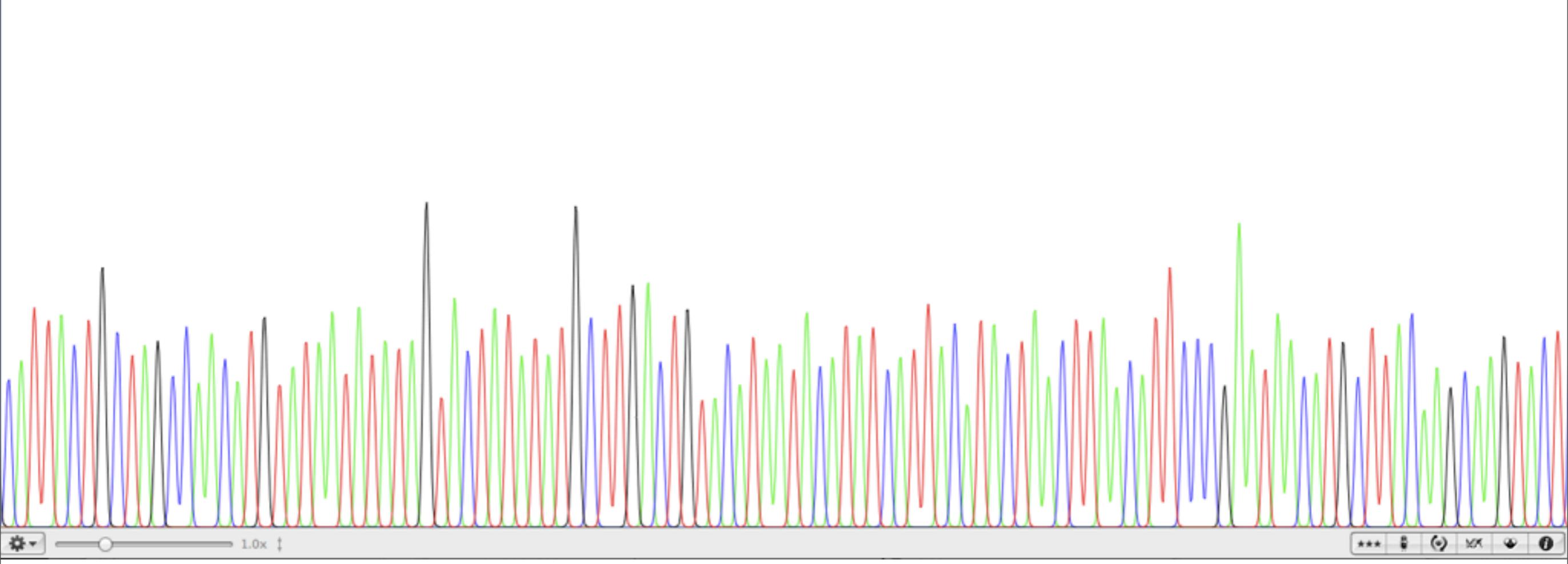
Analysis Protocol: 3130POP7_BDTv3-KB-Denovo_v5.2

Capillary number: 1



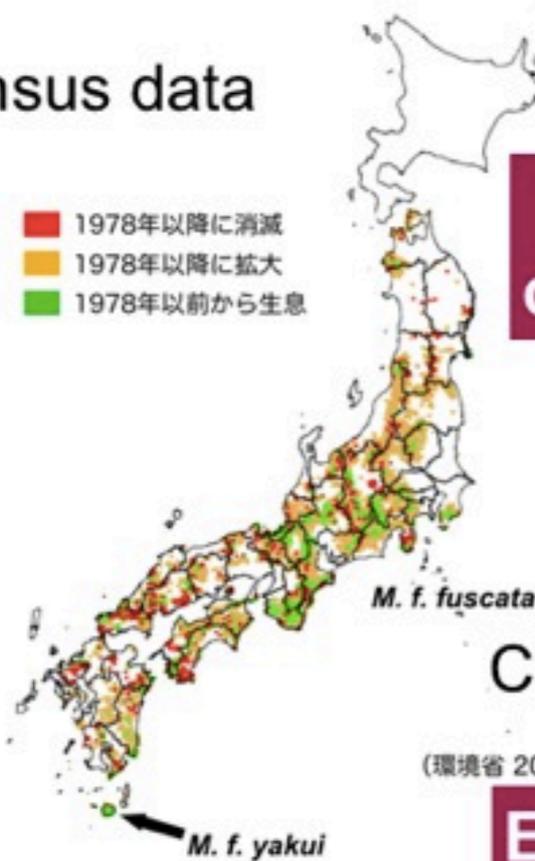
4Peaks Q 検索

C A T T A C T G C T A G C C A A C A T G T A T A A T A T A T A G T A C T A T A T A T G C T T G A C T G T A C A T A A T A C A T A T C A T T A C A T A C T A A C T T A A C A T T C C C G A A T A A C A T G C T T A C A A G C A A G T A C T
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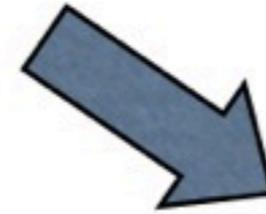
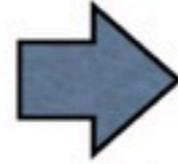


Census data

- 1978年以降に消滅
- 1978年以降に拡大
- 1978年以前から生息



Current distribution

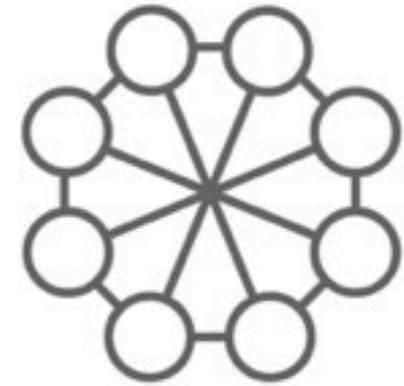
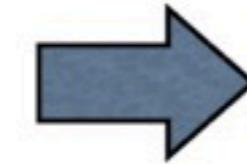
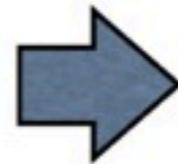


Design for definition of management unit

Classification from geographical continuity

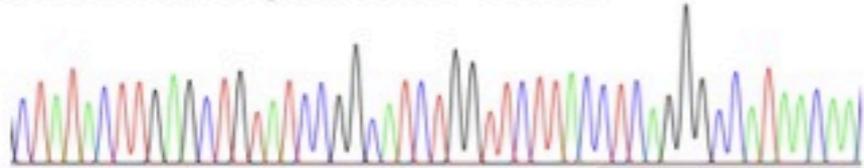
(環境省 2003)

Evolutionary background



Relations among populations

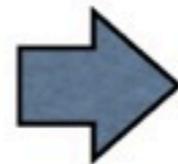
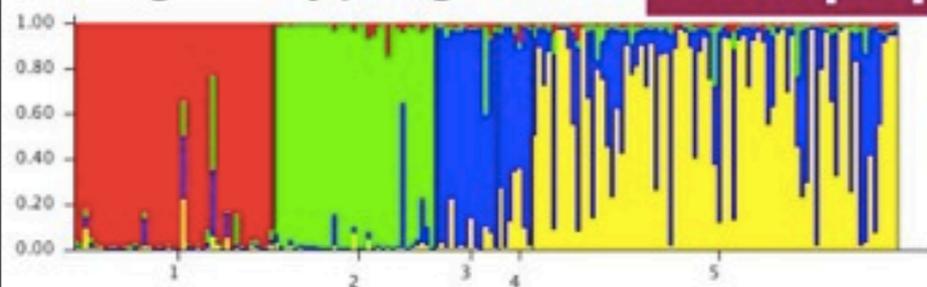
mtDNA sequence data



Phylogeographical evaluation

STR genotyping data

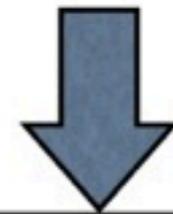
Genetic structure of population



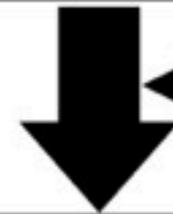
Assessment of gene flow



Evaluation of isolated population



Impact from alien species



Definition of population management unit