

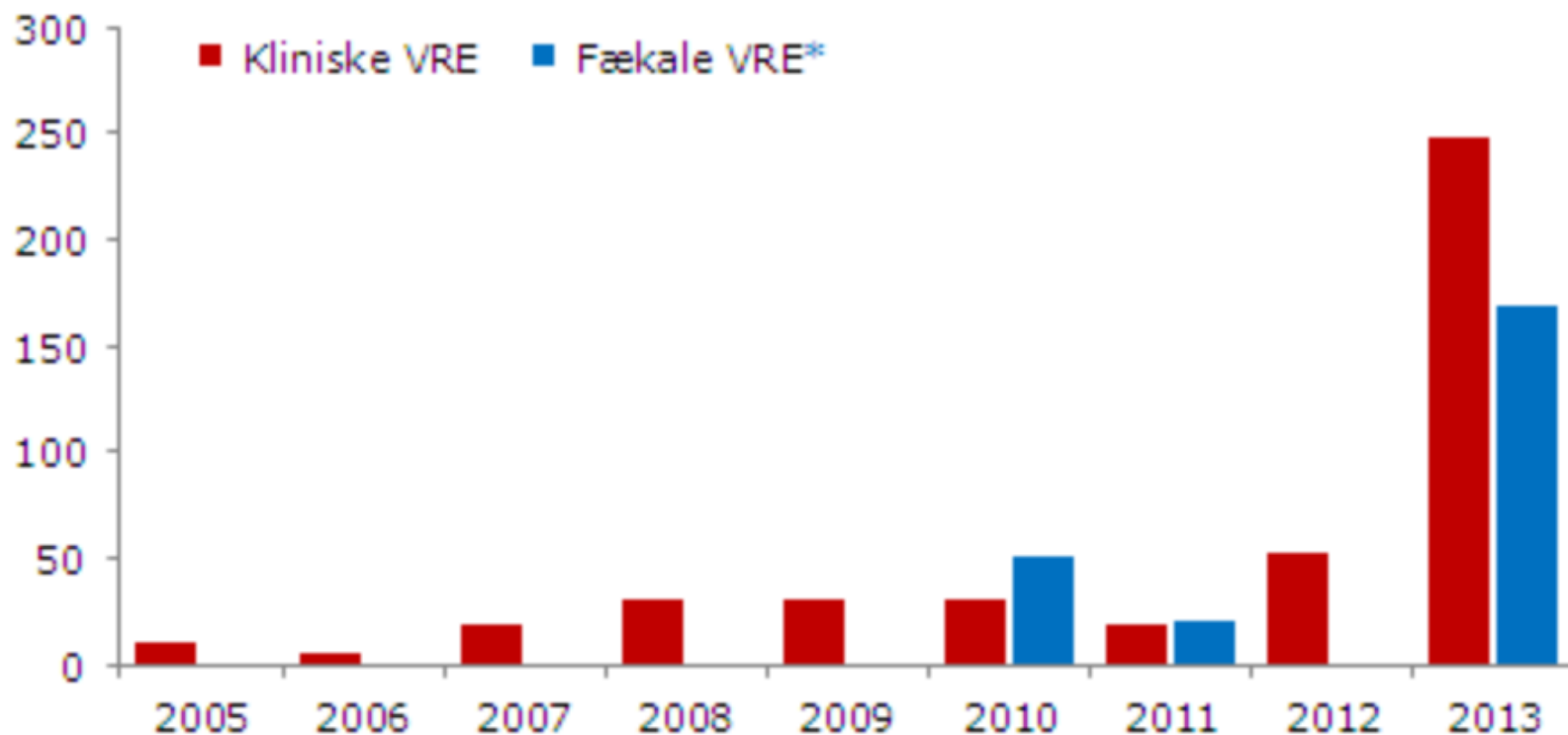
VanA Enterococcus faecium i Danmark

Mette Pinholt, Hanna Larnar-Svensson, Pia J. Littauer, Claus Moser, Michael Pedersen, Lars E. Lemming, Tove E. Jensen, Turid S. Søndergaard, Barbara Holtzknect, Ulrik S. Justesen, Esad Dzajic, Claus Østergaard, Stefan S. Olsen, Jesper Boye Nielsen, Peder Worning, Anette M. Hammerum, Henrik Westh, Lotte Jakobsen.
(Alle mikrobiologiske afdelinger i Danmark og SSI)

- Pia Littauer
- Klinisk Mikrobiologisk Afdeling, Hvidovre Hospital

VRE isolater indsendt til overvågning fra 2005-2013

Antal VRE isolater



Kun et isolat pr. patient er inkluderet

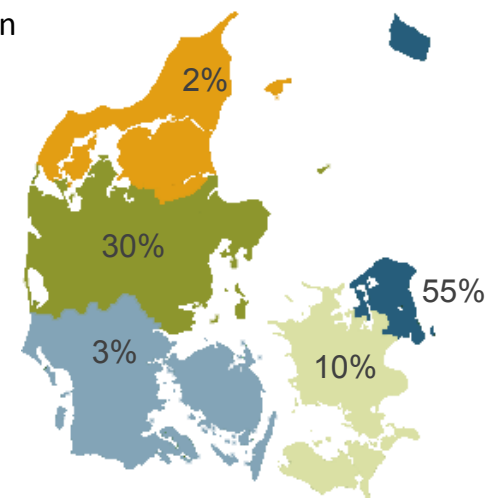
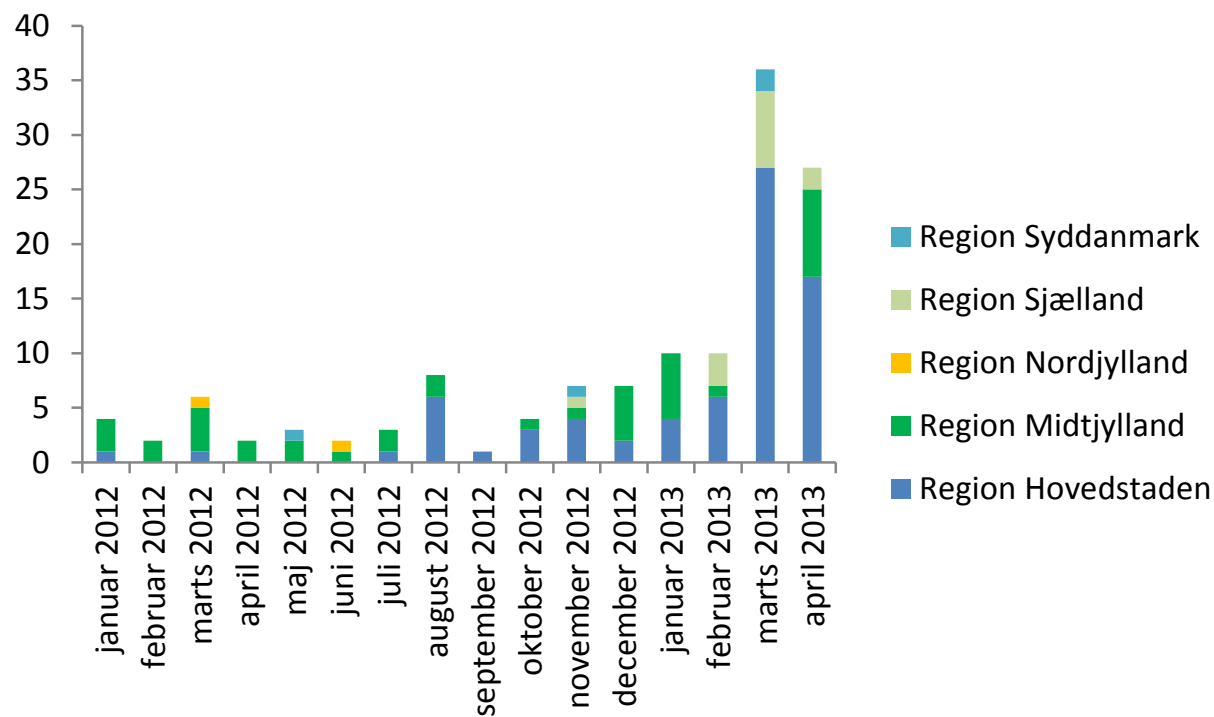
Kilde: www.ssi.dk/Aktuelt/Nyhedsbreve/EPI-NYT/2014

VRE i Danmark 2012 - april 2013

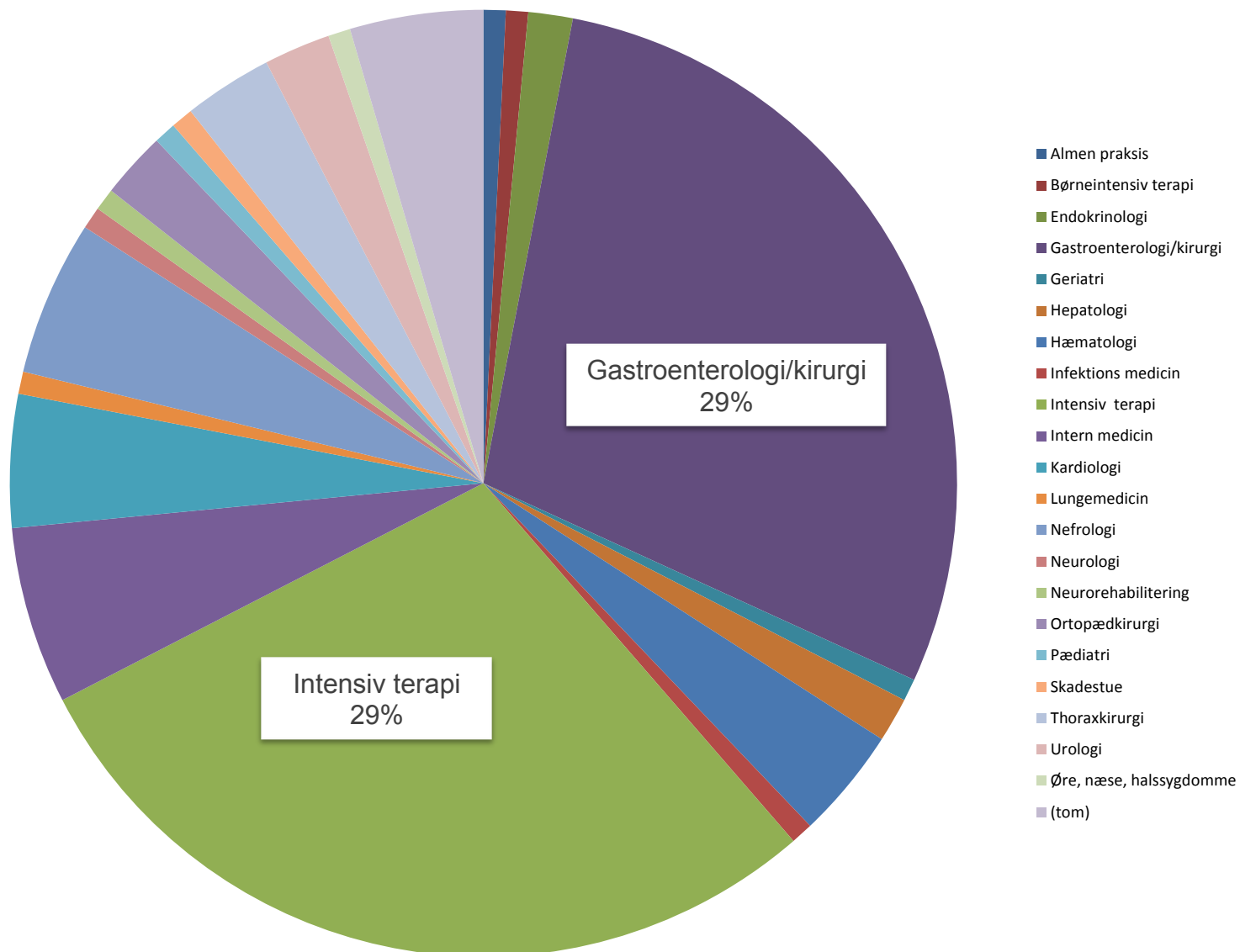
- 132 patienter
- 55% mænd
- 80% kliniske isolater

Epidemikurve for VRE i Danmark 2012 - april 2013

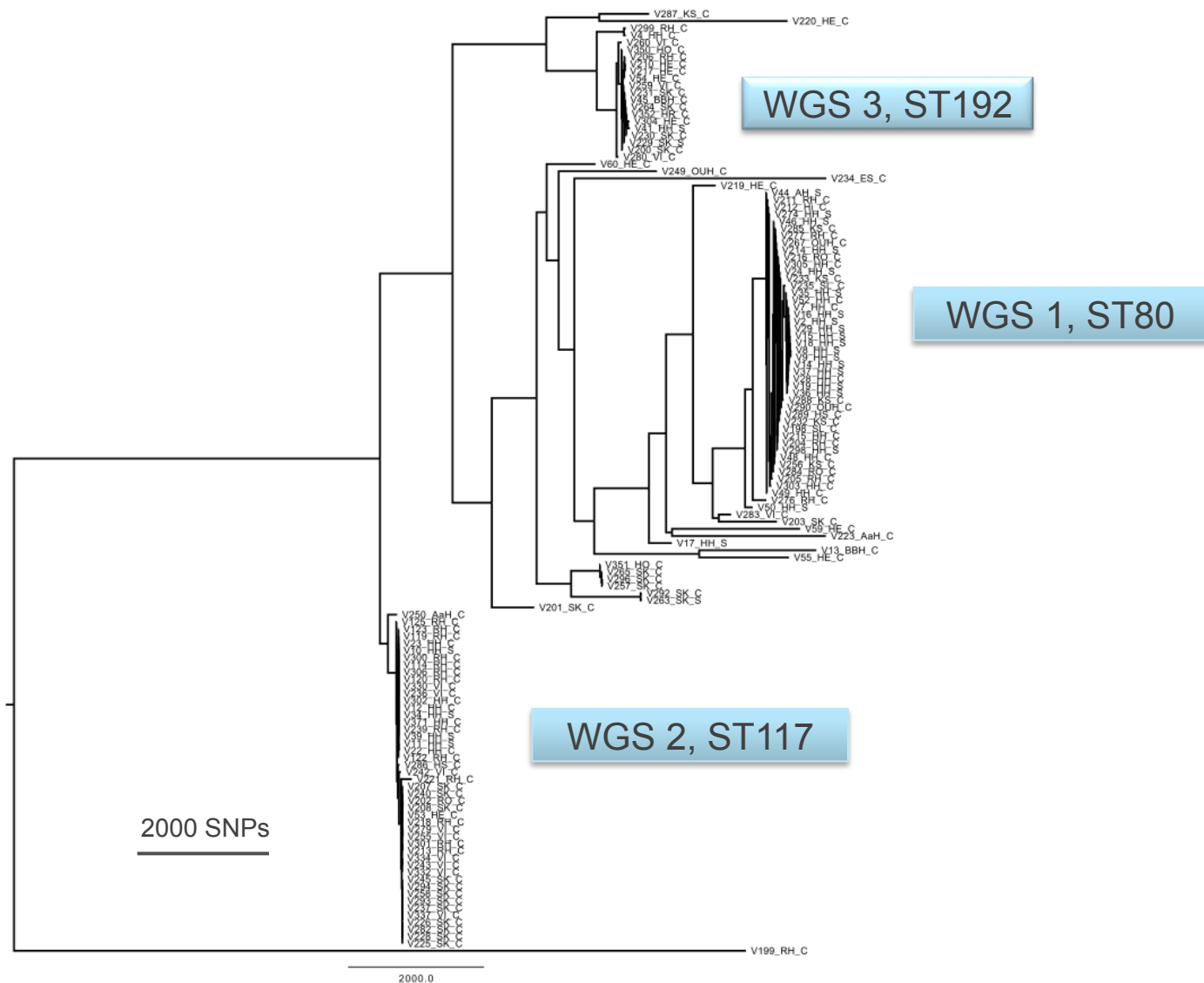
Antal VRE isolater



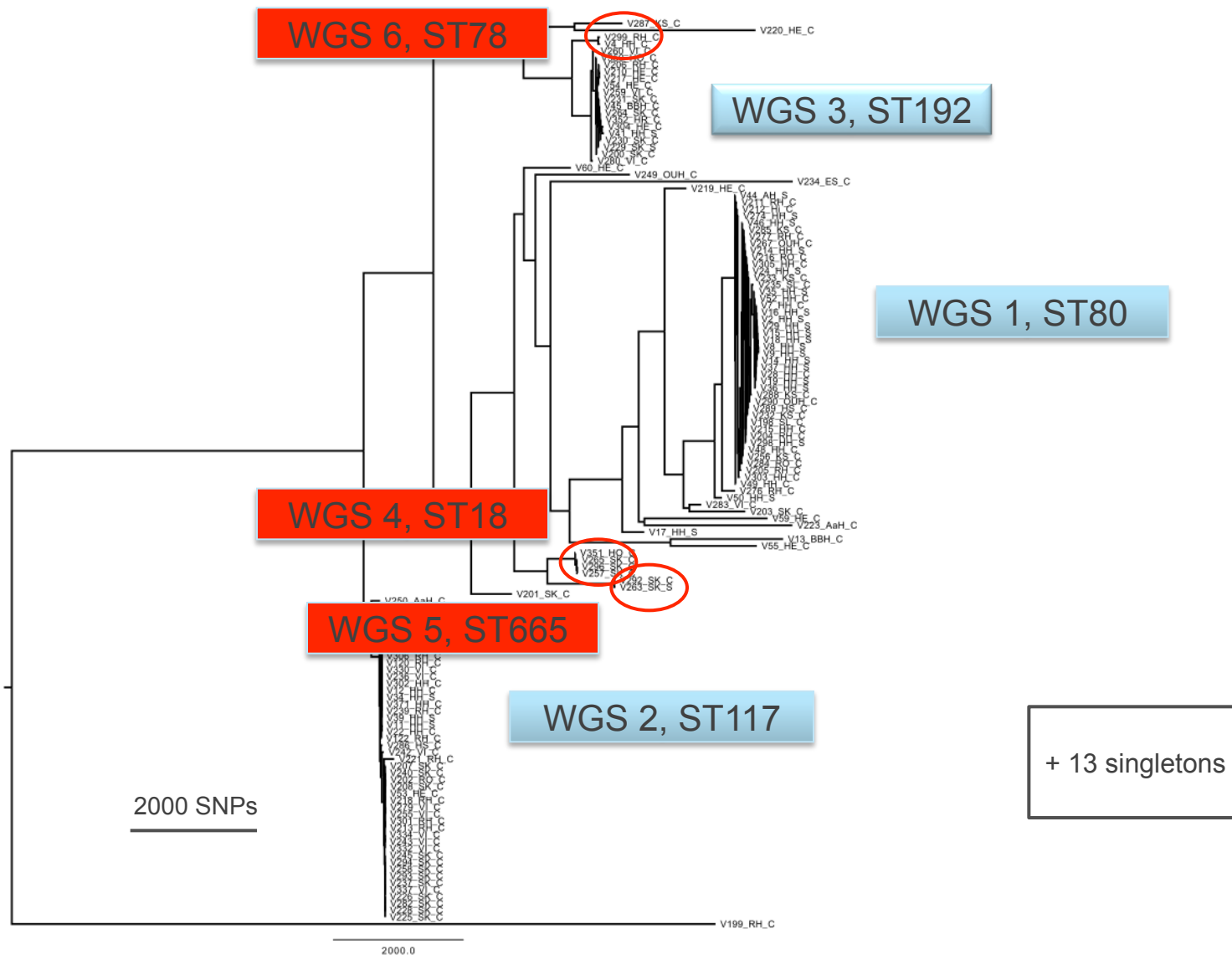
VRE i Danmark 2012 - april 2013



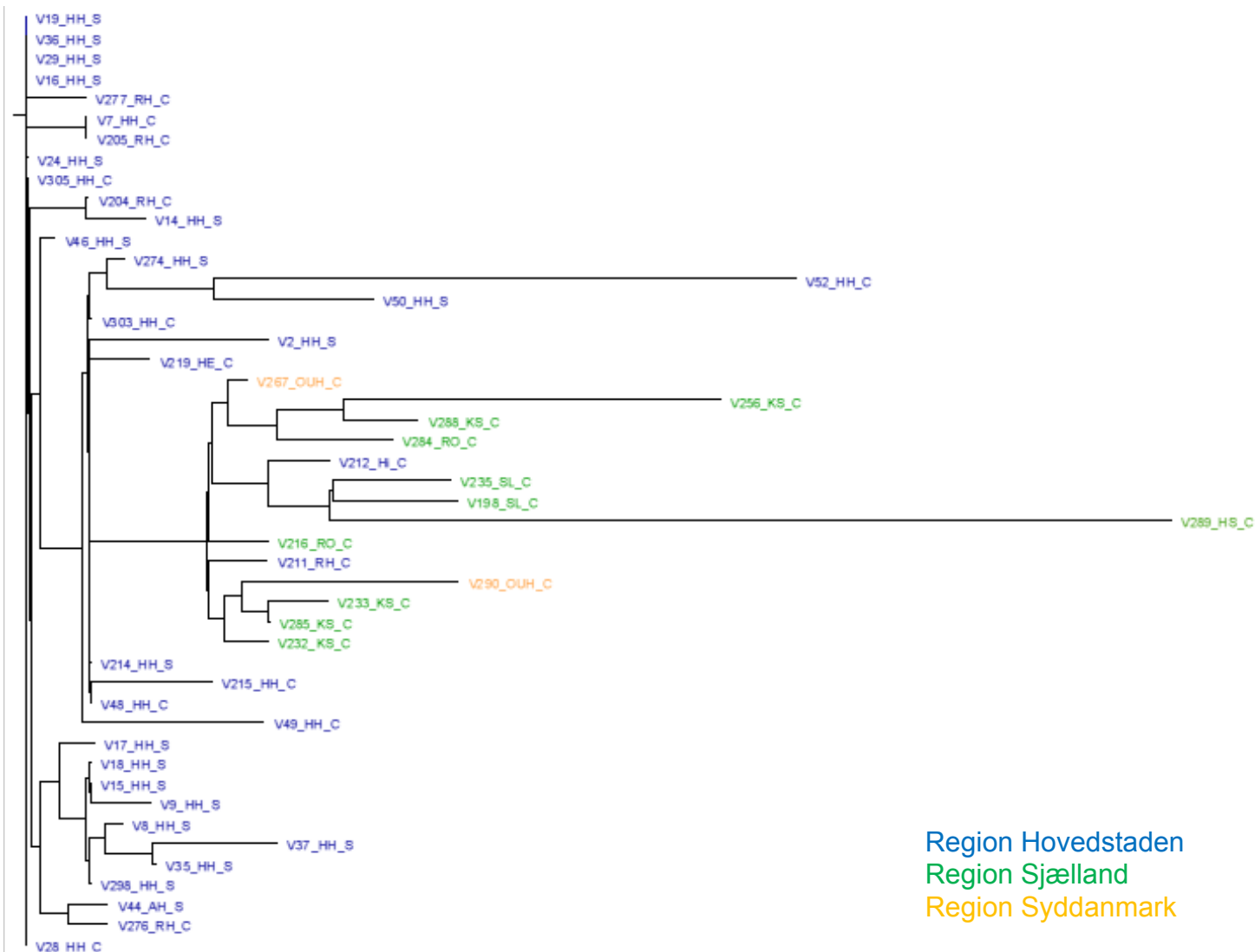
Fylogenetisk træ baseret på SNP analyse



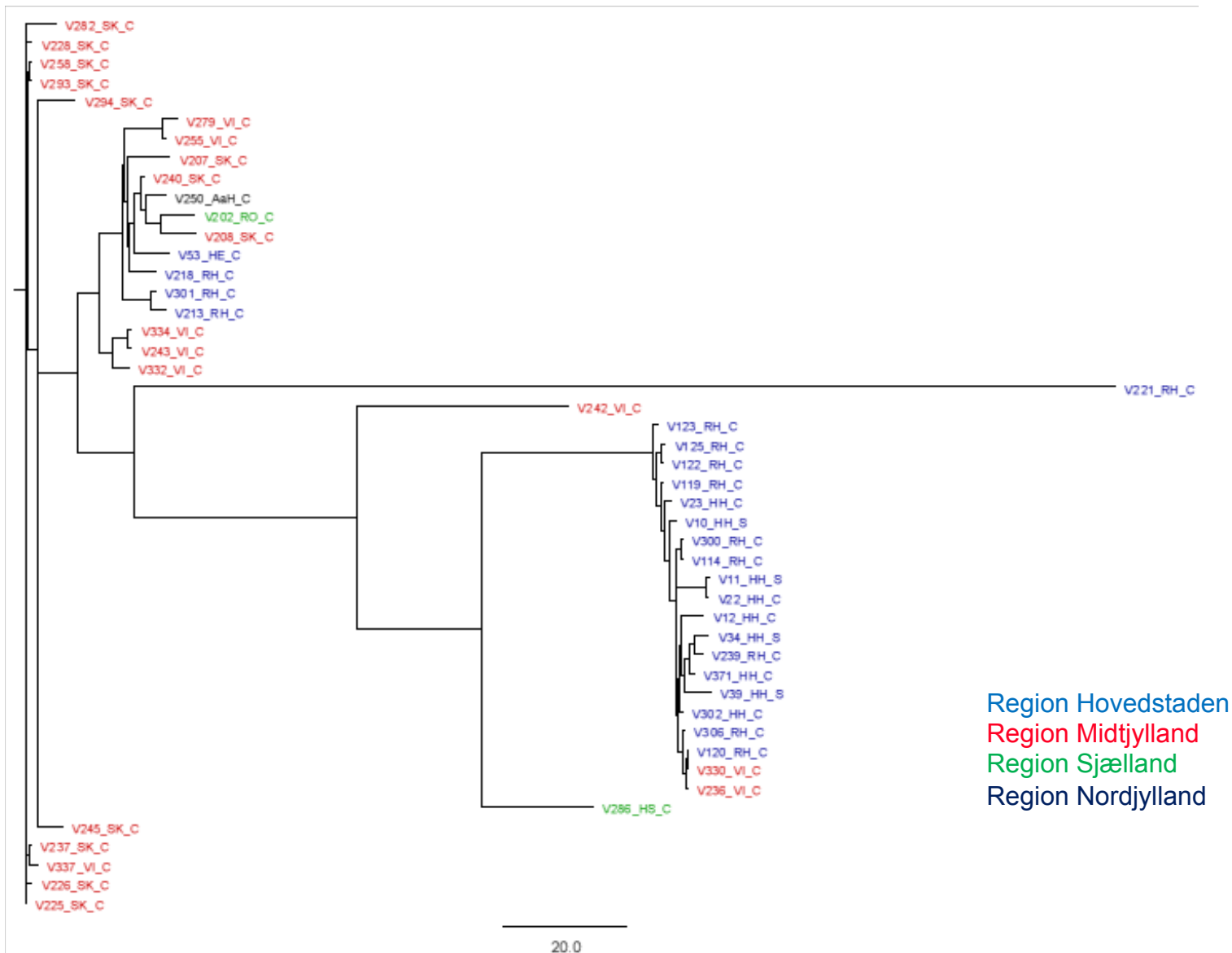
Fylogenetisk træ baseret på SNP analyse



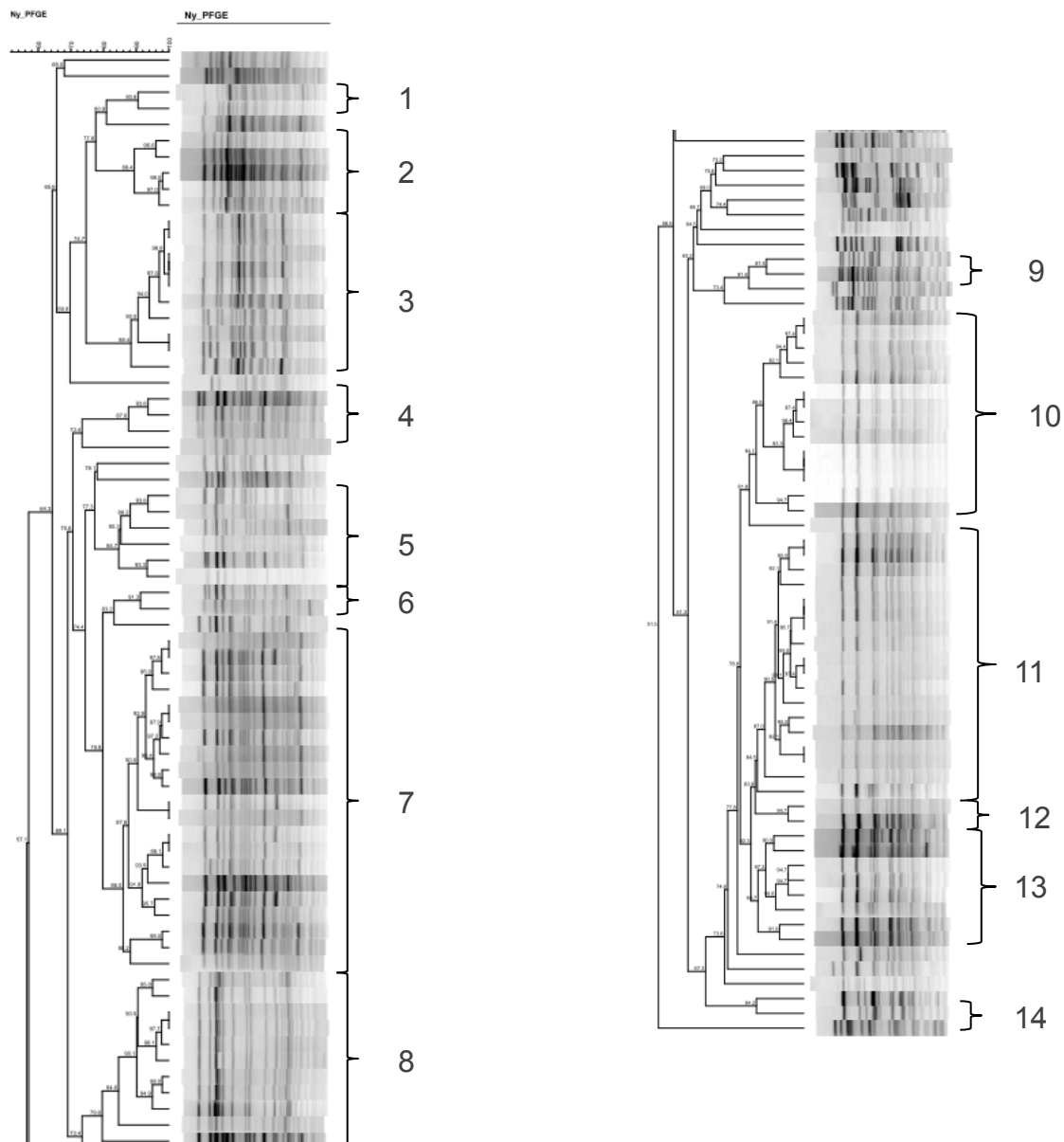
Cluster 1, ST80



Cluster 2, ST117



Dendrogram baseret på PFGE



+ 24 singletons

Konklusioner

- *vanA* genet er i mange genetiske baggrunde
- Der er mindst 3 større epidemiske kloner i Danmark
- Spredning af VRE indenfor regioner og mellem regionerne i Danmark

Cluster 3, ST192

