

The Värmland-Hedmark Cluster and a Neighboring Branch, December 2020

Confidence intervals for age estimates

The age estimates in the tree are from YFull (YTree v8.09.00). YFull also provides the following confidence intervals at the 95% level:

- ◇ **A1:** AD 920 — AD 1645
- ◇ **A2:** AD 920 — AD 1645
- ◇ **A3:** 380 BC — AD 770
- ◇ **A4:** AD 220 — AD 1370
- ◇ **A5:** AD 920 — AD 1745
- ◇ **A6:** AD 1020 — AD 1795
- ◇ **A7:** AD 720 — AD 1670



— SNPs that define the branches

The Värmland-Hedmark cluster is a twig on the R1b branch of the human Y chromosome haplotree: R1b → M269 → U106 → Z18 → S11601 → Y112538 → Y130179. For more information, see www.johanlagerlof.com/gengen. The branches shown in the tree are defined by the SNPs listed below (an asterisk indicates that the SNP is located outside of the so-called combBED region of the Y chromosome).

- ◇ **A1:** Y86344, Y107658*
 ◇ **A2:** Y100873*, Y128033, Y101814*, Y103246, Y130179, Y83455, Y125815*
 ◇ **A3:** Y112538, Y129064, Y112538
 ◇ **A4:** BY71612, Y159325, BY116275, BY146620, BY78202, BY99722, BY100142, BY102070
 ◇ **A5:** FT146431
 ◇ **A6:** BY12164
 ◇ **A7:** A25847*

