

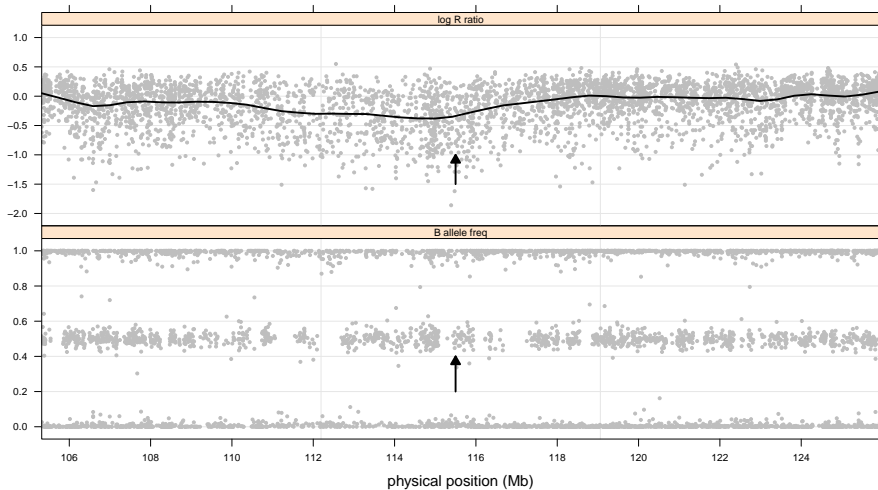
Finding de novo copy number variants in case-parent trios for oral clefts

Bioconductor Developers Meeting, Zurich, Switzerland

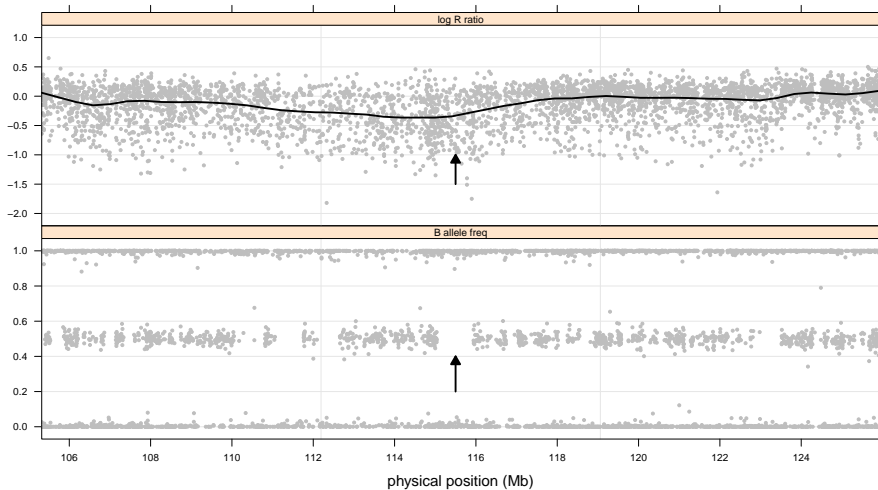
Rob Scharpf

December 13, 2012

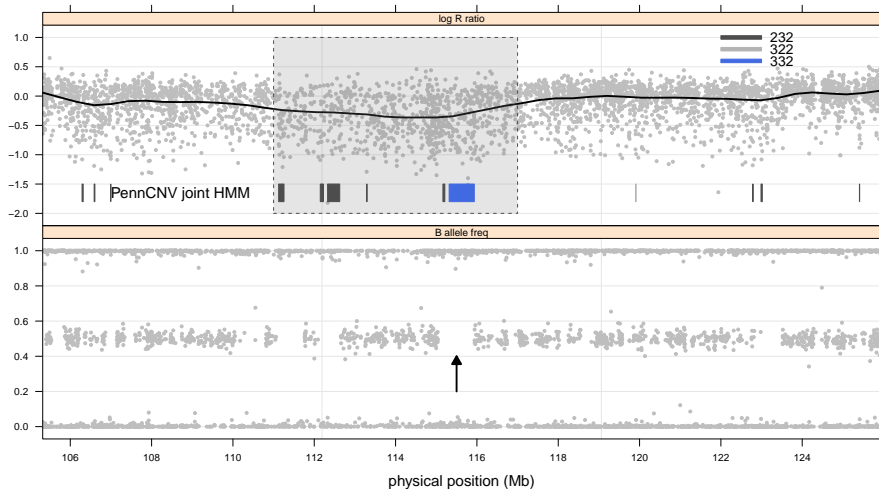
father



offspring

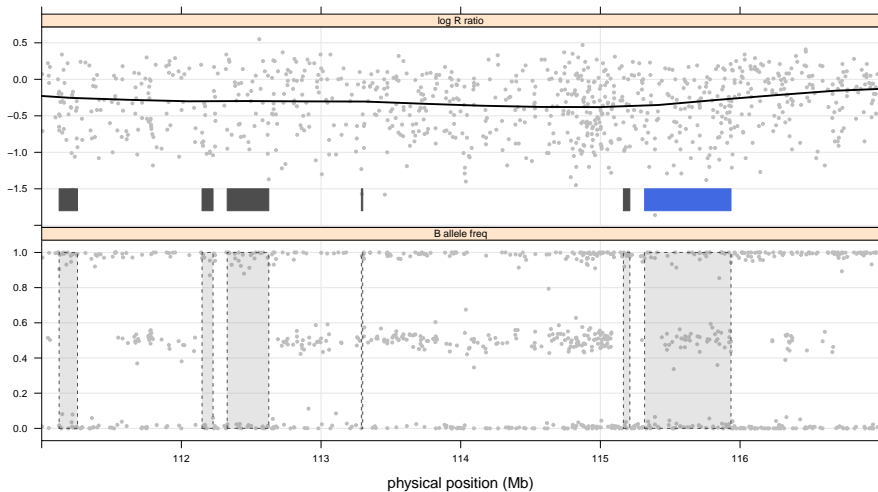


offspring

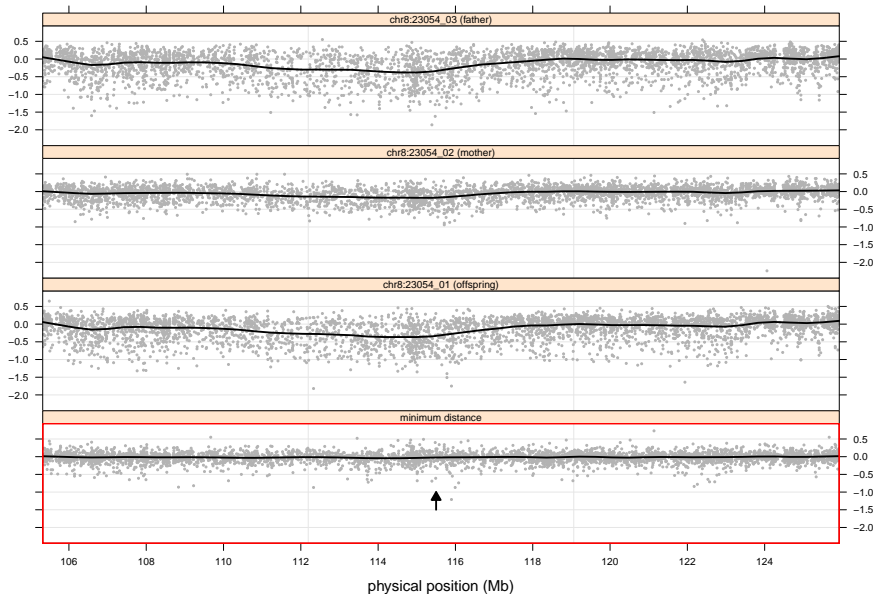


False positives are problematic

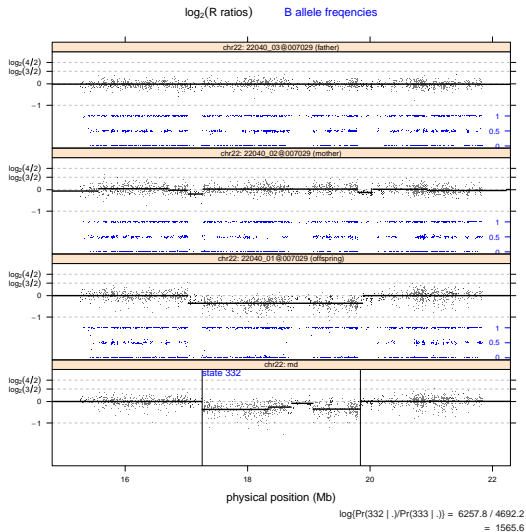
father



minimum distance



A de novo deletion



Scharpf RB, Beaty T, Schwender H, Younkin S, Scott AF, Ruczinski I: **Fast detection of de novo copy number variants from SNP arrays for case-parent trios**. *BMC Bioinformatics* 2012, **13**:330.

Available from Bioconductor and collaboratively developed on GitHub (<https://github.com/rscharpf/MinimumDistance>) with

- Sam Younkin
- Holger Schwender
- Ingo Ruczinski