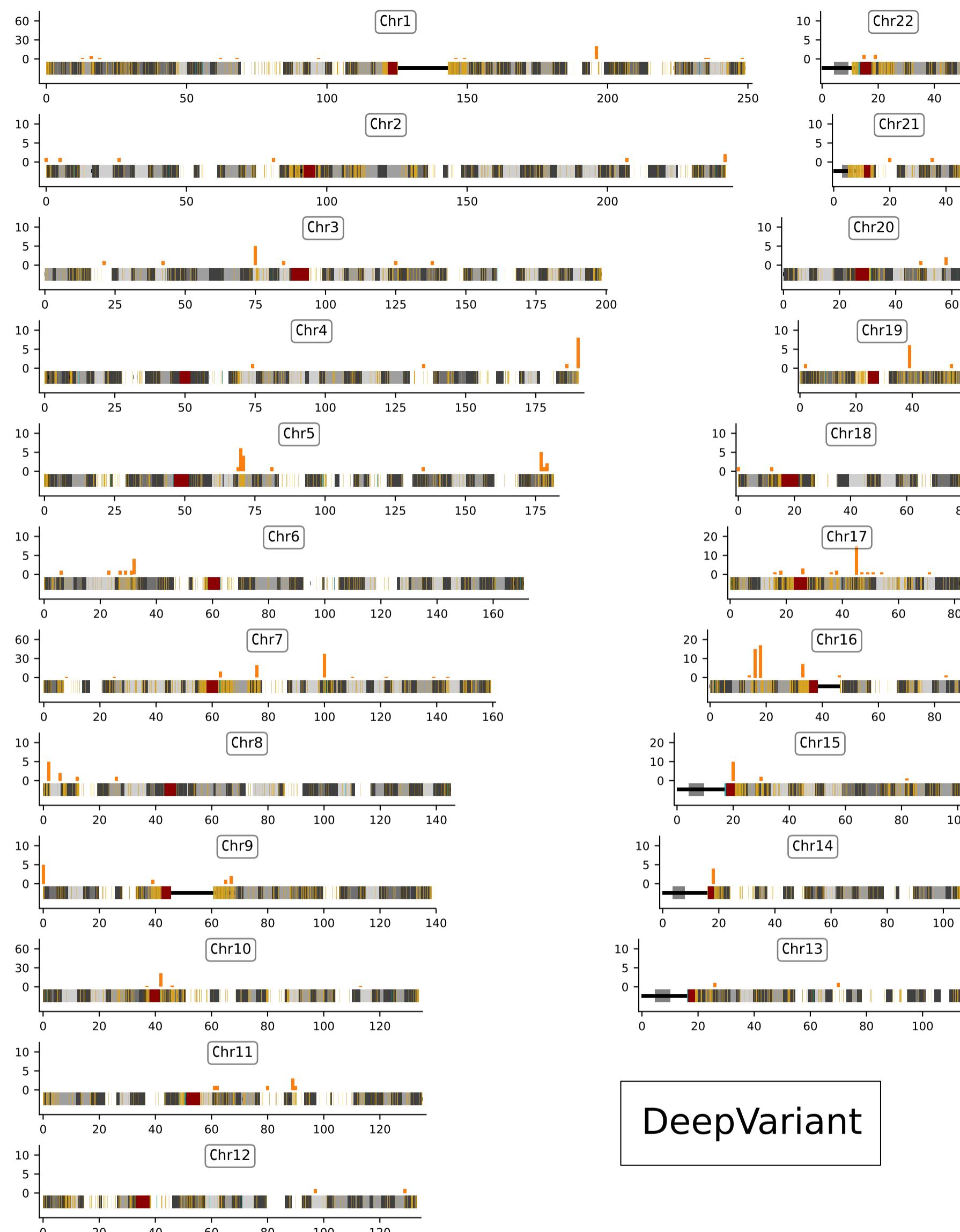
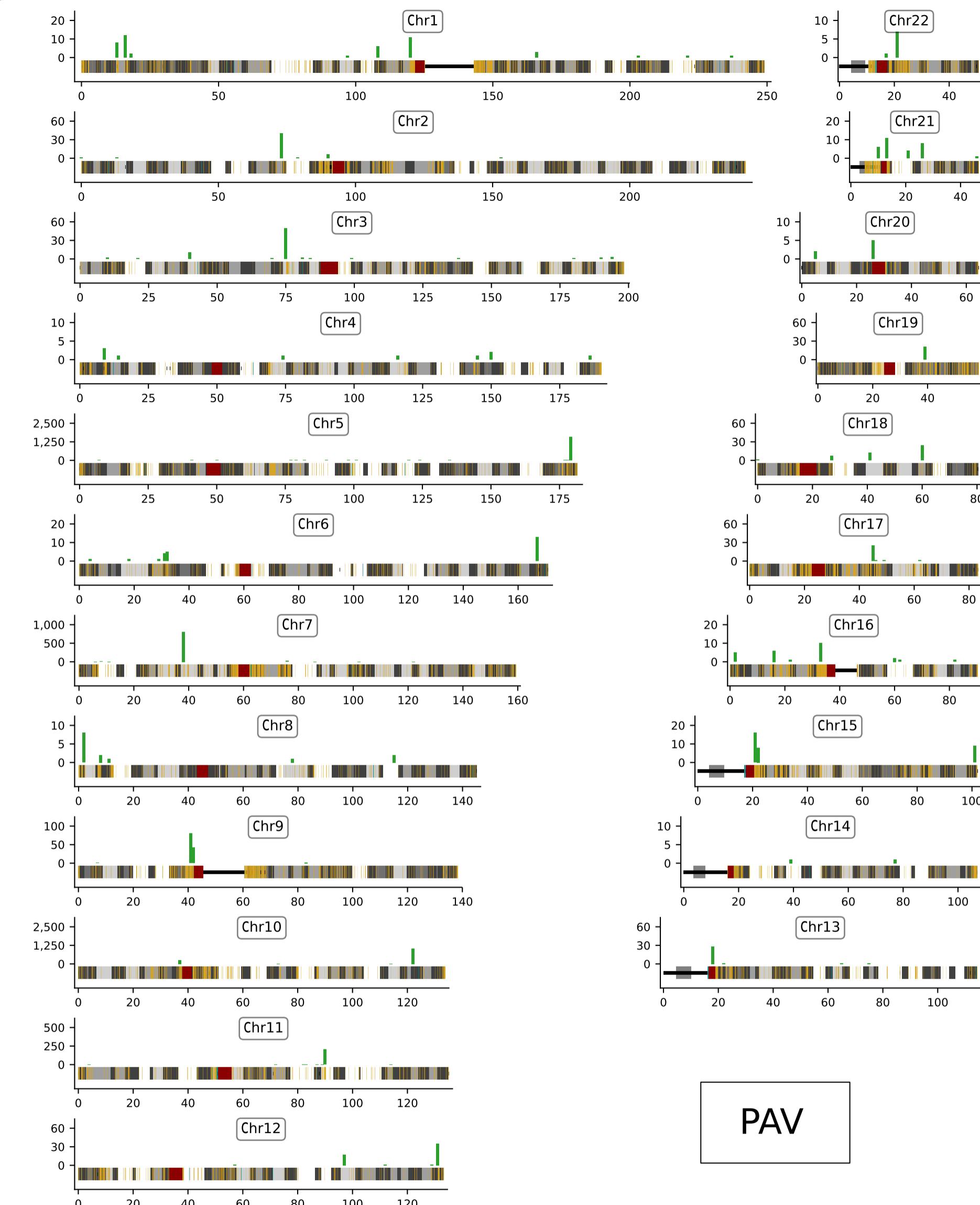


**A****B**

**Figure S3. Distribution of SNVs found exclusively in HG002 30x datasets compared to the GIAB truth set. A)** Ideogram overlaid with the count of SNVs exclusive to the HG002 30x analysis called from DeepVariant when compared to GIAB. Our analysis reveals that 2.46% (324/13,147) of the events not seen in GIAB are confirmed across all callers and technologies. **B)** Ideogram overlaid with the count of SNVs exclusive to the HG002 30x analysis called from PAV (hifiasm-trio) when compared to GIAB. Significant clusters exist over segmental duplications, within tandem repeats, and inside of subtelomeric repeats.