Primates chromosome1 comparison
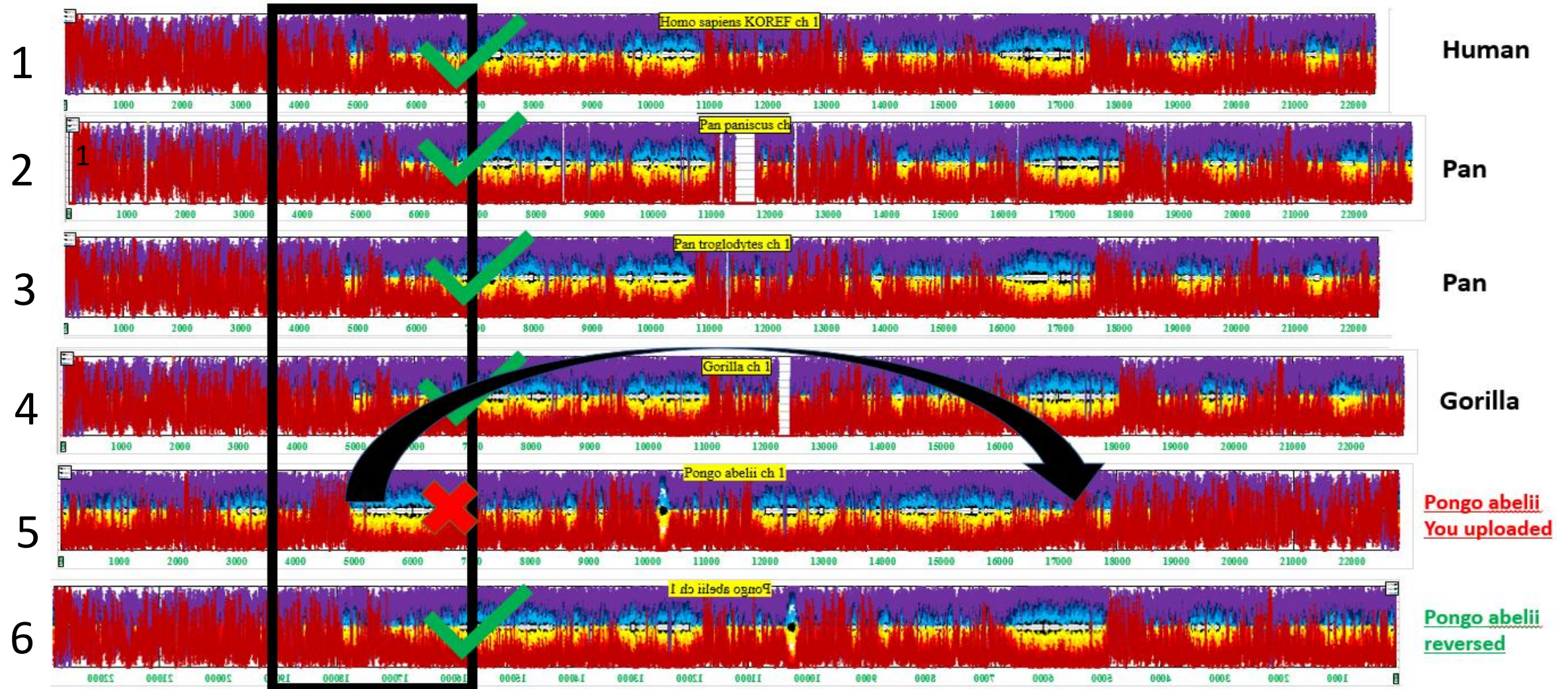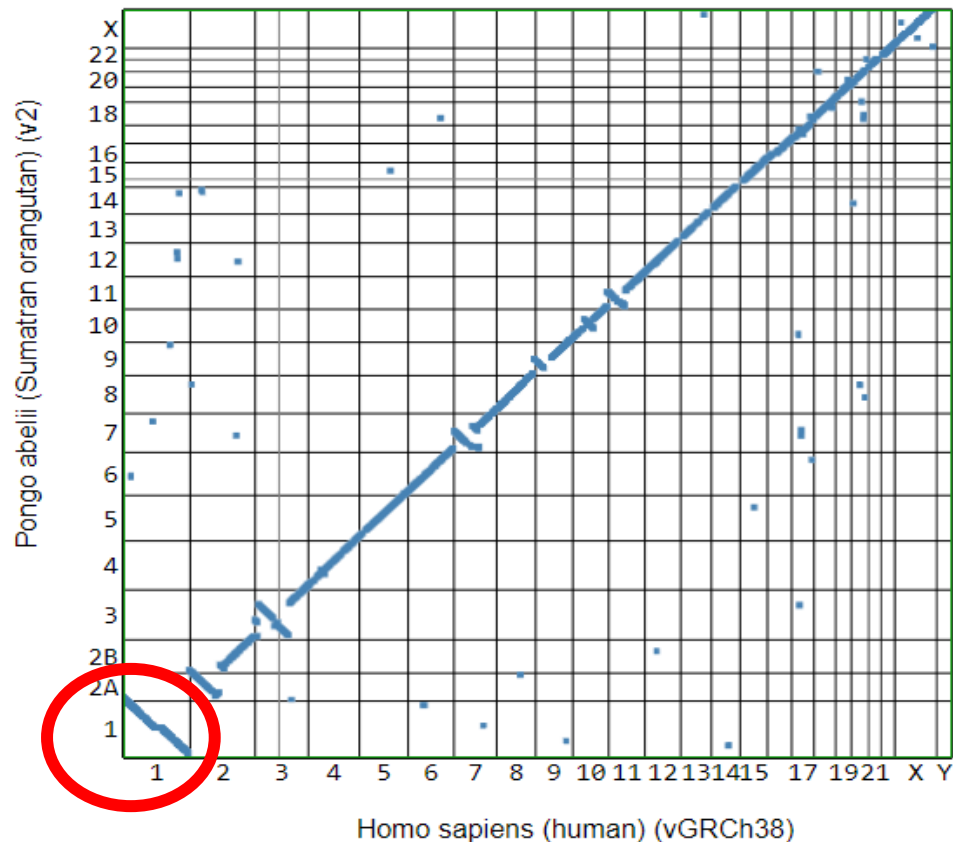

❖ Plot num.6 is the manual reverse of plot num.5. Actually, in your sequencing/annotation, the minuses strand wrongly selected as the positive strand (in **Pongo abelii ch1**) .

SynMap generates a syntenic dotplot between two organisms and identifies syntenic regions.

❖ This is the comparison synteny between human and Pango abeli genome,

❖ The red circle shows that the whole chromosome 1 is inverted at pongo abelii. If it was about a part of ch1, it was acceptable but the whole chromosome inversion **is not true and rational.**

https://genomevolution.org/CoGe/SynMap.pl