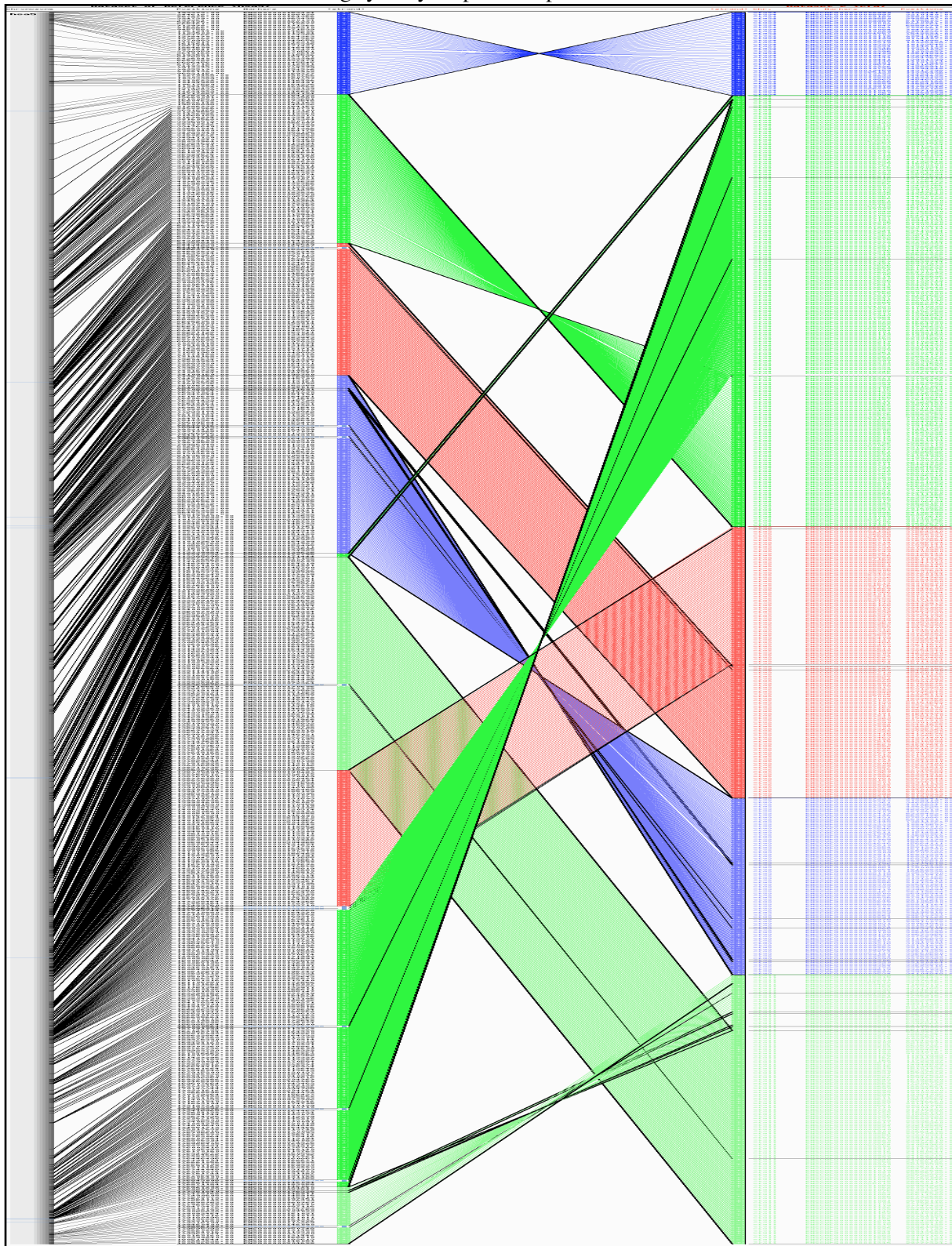


Additional data file 1 : Human-dog syntenic map : Example of human chromosome 5



Chromosome 5 from human, the reference species, is shown on the left hand side of the figure. The right part corresponds to the canine genome. For both species, genes are identified by their ID and genomic coordinates. The colored lines connecting orthologous genes identify CS and CSO and show the conservation of gene order. Black lines between colored segments represent breakpoints between CS and/or CSO. All syntenic maps; 23 for human-dog; 24 chimp-dog; 20 mouse-dog and 21 rat-dog are available as supplemental data at : http://genoweb.univ-rennes1.fr/tom_dog/Supplementary/