



**Figure S3.** Comparison of the results obtained using two ancestral genome reconstructions **top:** Tracing of human *RLN/INSL* and *RXFP*-like genes in chordate linkage groups (*CLG*) using P-model; **bottom:** Tracing of human *RLN/INSL* and *RXFP* genes in pre-2R vertebrate ancestor chromosomes using N-model.