



Figure S2. Two alternative scenarios for the 2R-driven duplication of the *AncRxfp1/2* gene. Note that based on the phylogenetic evidence (Figure 4b, main text), *RXFP2-like* is the paralog of *RXFP2*, in which case the two genes may have arisen as a result of 2R in *CLGs* “C0” and “C2”. The scenario on the right was hence adopted in the main text as more explanatory.