

# Supplemental Information

Drozdova *et al.*

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# 1 Diversity of opsin transcripts and their phylogenetic distribution

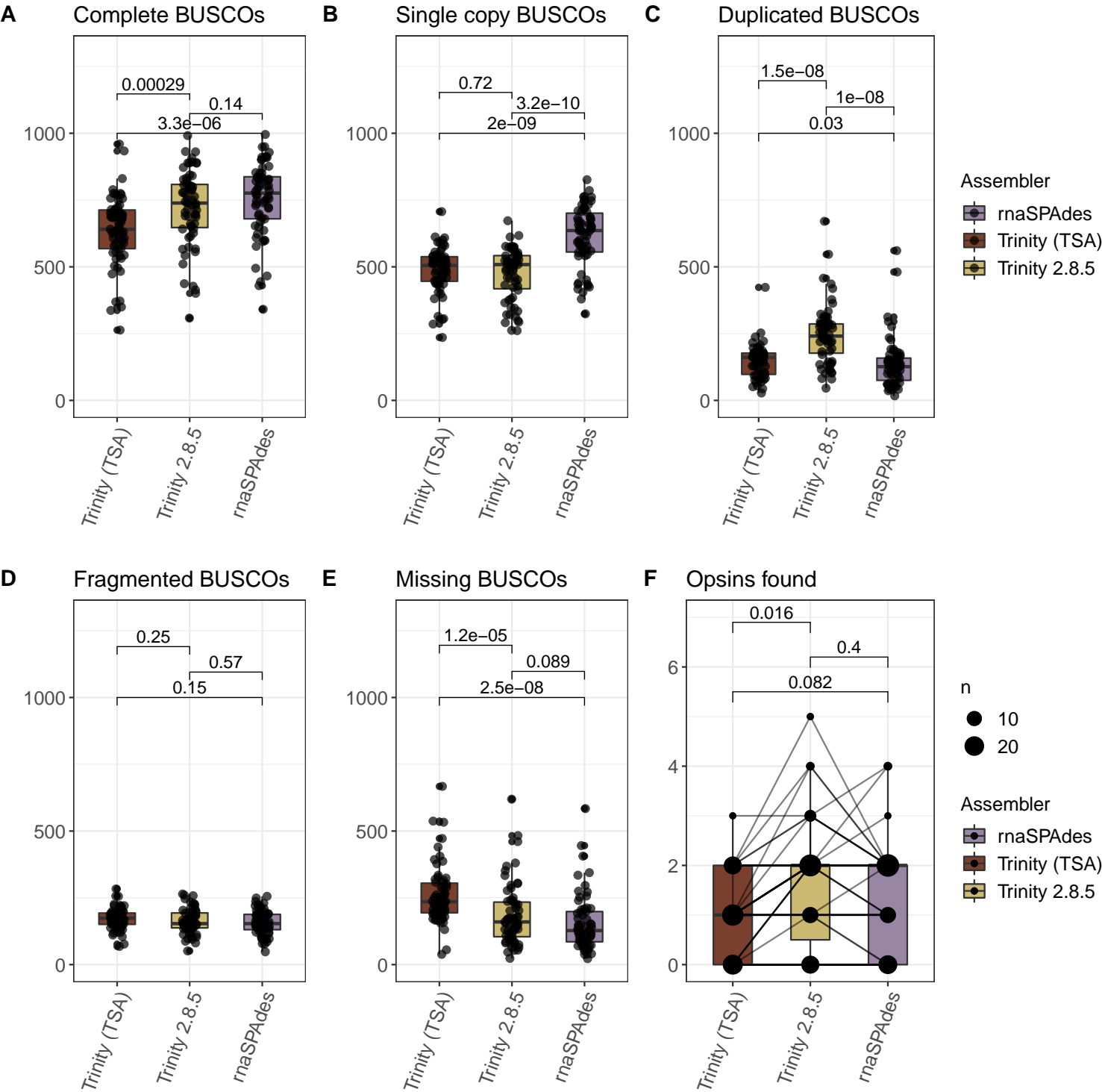


Figure S1: Quality of assemblies

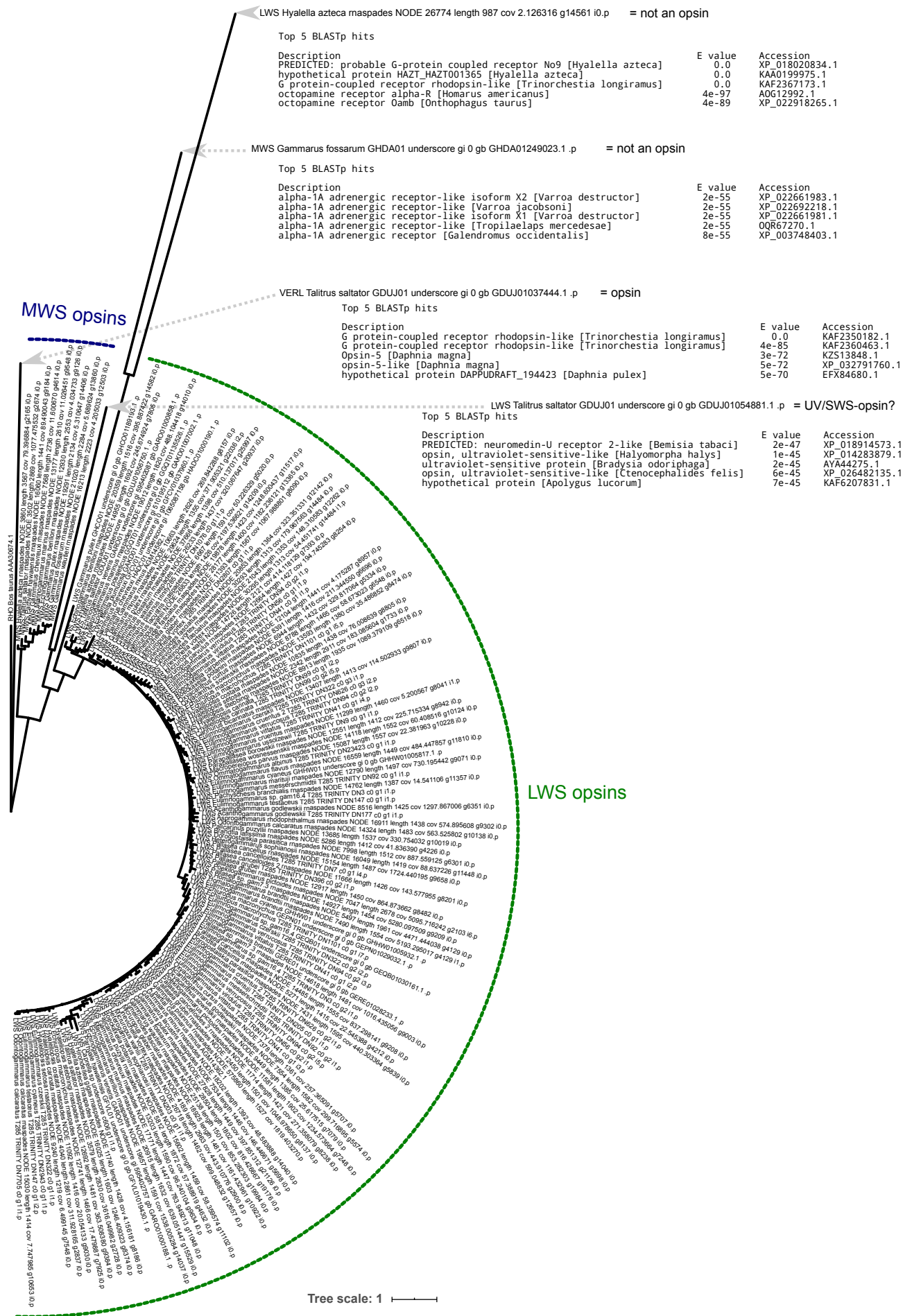


Figure S2: (A) Amino acid-based tree of all found opsin sequences.

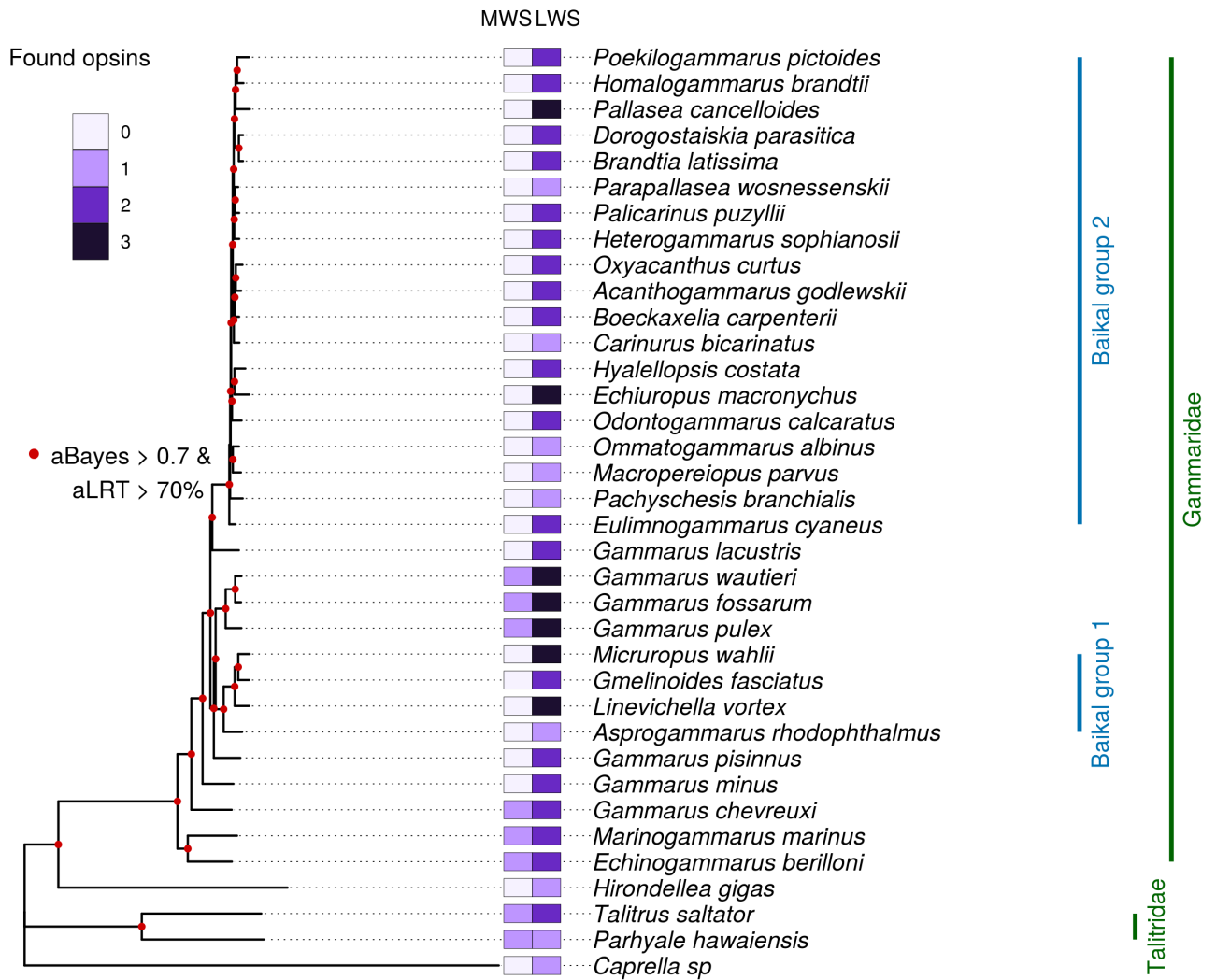


Figure S2: (B) Amino acid-based species tree (B).

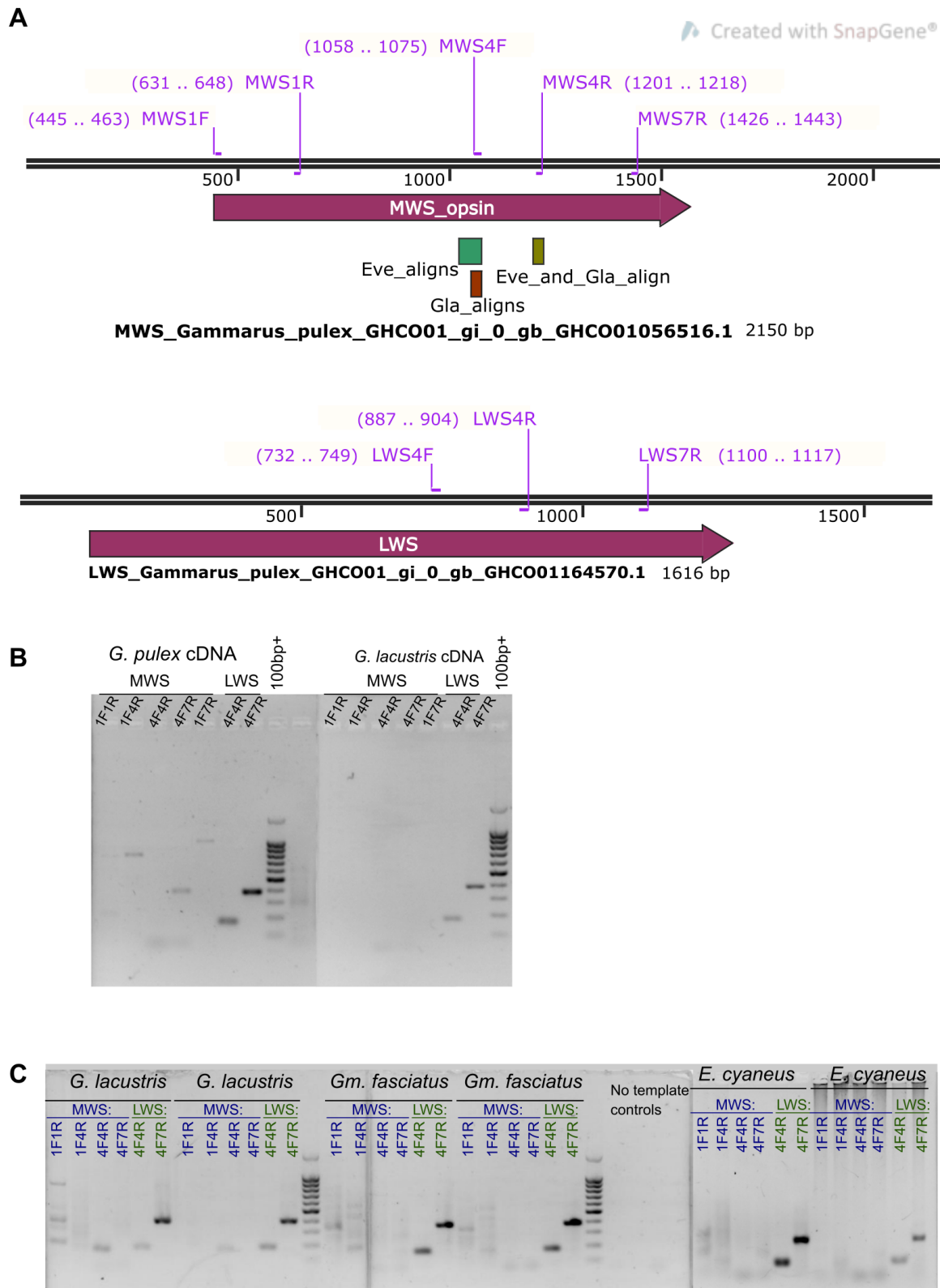


Figure S3: Amplification of MWS and LWS opsins from extracted genomic DNA of several species.

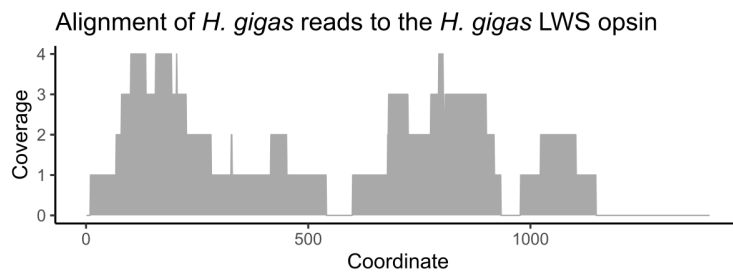
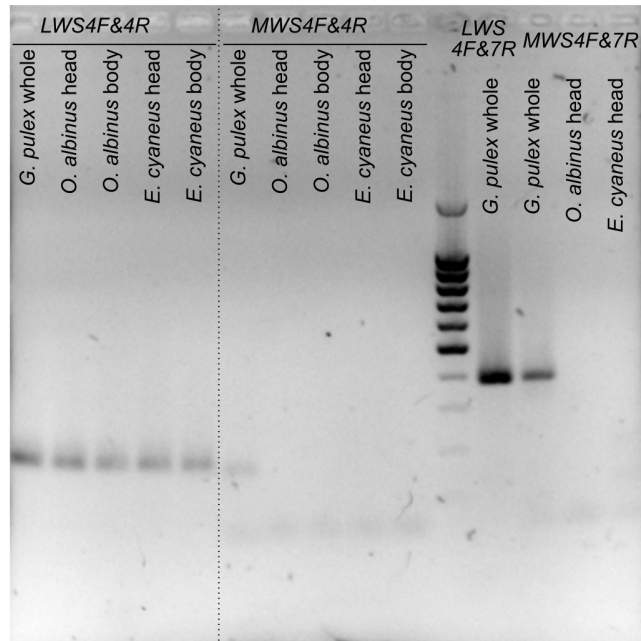


Figure S4: Evidence for extraocular expression of opsins in amphipods.

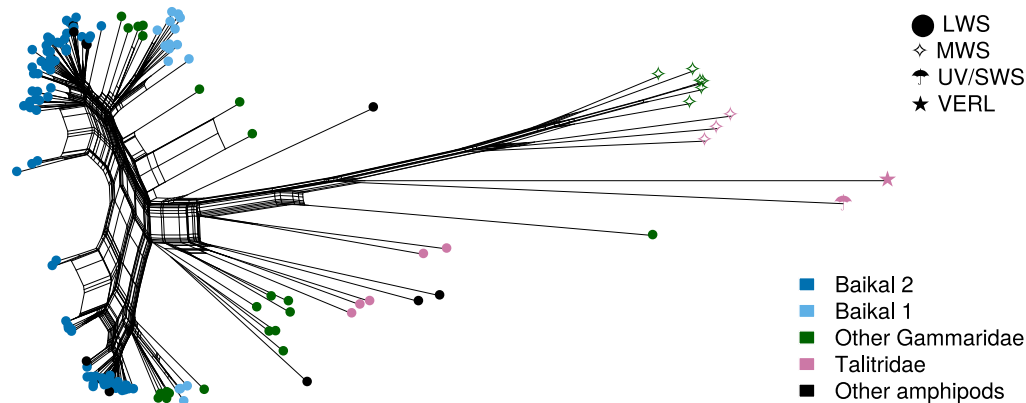


Figure S5: Phylogenetic network of all found amphipod opsins based on nucleotide sequences.

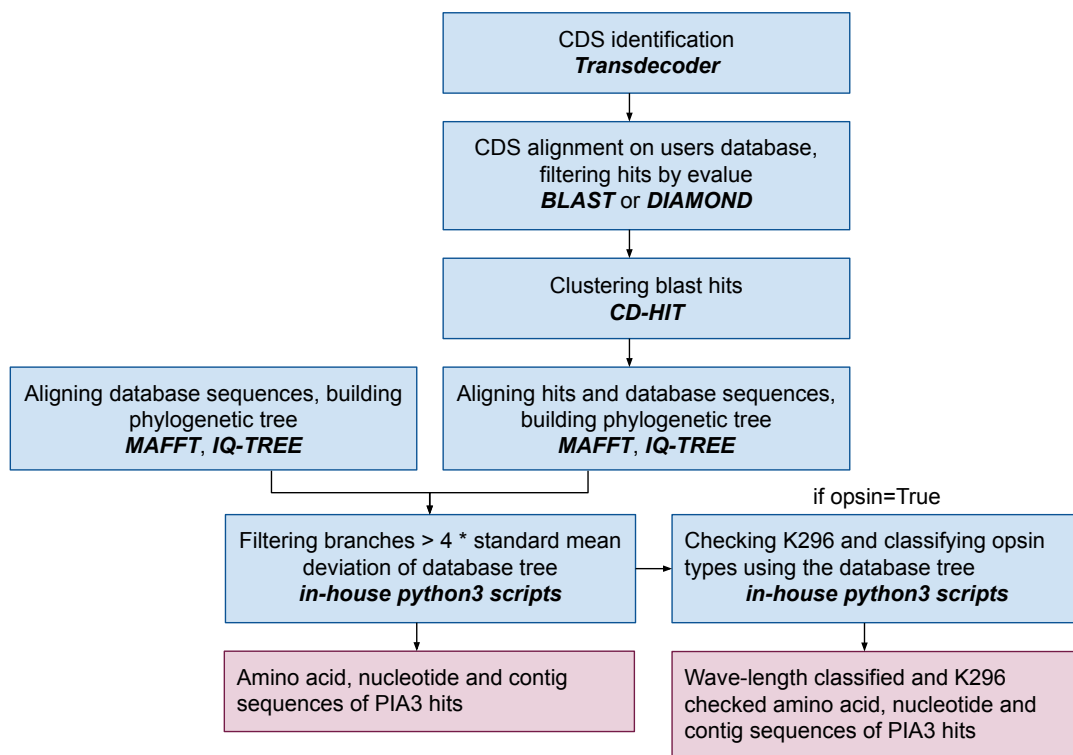


Figure S6: PIA principle.