

Transposable elements in a myxozoan–fish system: their role in the lateral transfer of host Siglec genes

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Supplementary Figure S1: High-Resolution TE Density Heatmaps for Major *C. shasta* Scaffolds.

This figure provides an expanded and high-resolution version of the TE density analysis presented in the main text. It consists of individual heatmaps for each of the ten largest genomic scaffolds of *C. shasta*, annotated with genomic coordinates. The color intensity directly corresponds to TE density, allowing for a detailed visualization of TE "hotspots" (regions of high density) and "coldspots" (regions of low density). This high-resolution map is a valuable resource for the research community, enabling the precise correlation of TE-rich and TE-poor regions with the locations of specific genes, regulatory elements, and other genomic features, thereby facilitating more targeted hypotheses about the functional impact of TEs on local gene environments.

Heatmap of TE Expression Across Samples

