**Figure 3**

**Age-related changes in Leydig Cells (LCs) density in the axolotl´s epidermis.**

***A graph with lines and a red rectangle

AI-generated content may be incorrect.***

**Figure 3.** Empirical cumulative distribution function (ECDF) illustrating the Leydig cell (LCs) density per mm² across different ages (4, 24, and 48 months). The inset (red box) provides a magnified view near the median density, emphasizing clear, age-dependent shifts. Older groups display a leftward displacement, indicating reduced LC density. Statistical analysis revealed significant differences between age groups: Mann–Whitney U test showed significant differences between 4 and 48 months (p = 5.86×10⁻¹⁸) and between 24 and 48 months (p = 1.57×10⁻¹³), but no significant difference between 4 and 24 months (p = 0.577). Kolmogorov–Smirnov tests also unveiled substantial differences in distribution shape among all age comparisons: 4 vs. 24 months (p = 4.19×10⁻⁷), 4 vs. 48 months (p = 5.05×10⁻¹⁴), and 24 vs. 48 months (p = 1.24×10⁻¹⁵).