bioRxiv preprint doi: https://doi.org/10.1101/2024.01.29.577733; this version posted January 30, 2024. The copyright holder for this preprint (which was not certified by peer review) is the author/funder, who has granted bioRxiv a license to display the preprint in perpetuity. It is made available under aCC-BY-NC-ND 4.0 International license.

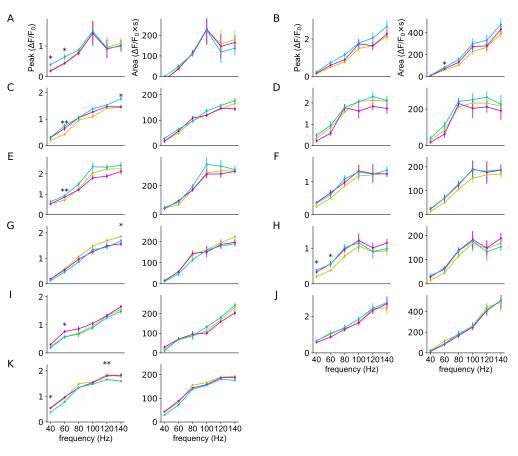


Figure 3—figure supplement 1. Spike propagation at different branchpoints. A-J: Examples of reliable propagation in both peak (left columns) and integrated fluorescence (right columns). Statistical definition of propagation or failure explained in text. Parent branch in yellow, secondary branches in cyan and magenta. Vertical lines show standard error. Asterisks indicate statistical significance differences between the three branches; Kruskal-Wallis H-test.

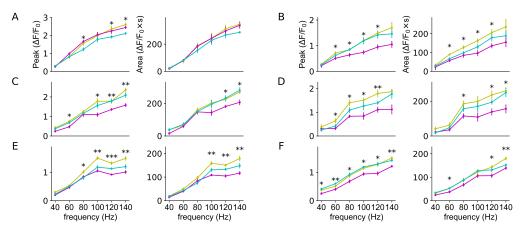


Figure 4—figure supplement 1. Spike failures at different branchpoints. A-F: Examples of High-frequency propagation failures in both peak (left columns) and integrated fluorescence (right columns). Statistical definition of propagation or failure explained in text. Parent branch in yellow, secondary branches in cyan and magenta. Vertical lines show standard error. Asterisks indicate statistical significance differences between the three branches; Kruskal-Wallis H-test.