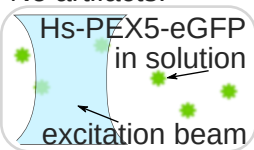
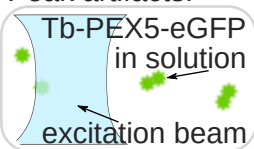


## A PEX5 data

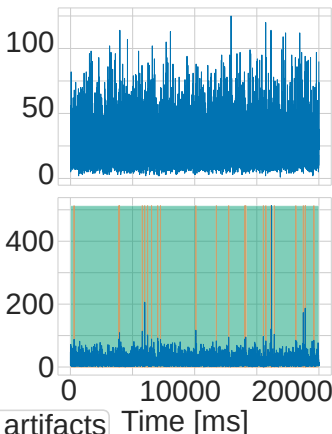
• No artifacts:



• Peak artifacts:



Intensity [a.u.]



no artifacts peak artifacts (U-Net pred.)

## B Correction methods on PEX5 data

no artifacts

no correction

peak artifacts

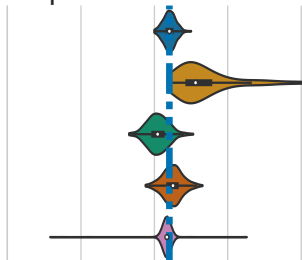
no correction

*cut and stitch*

*set to zero*

*averaging*

$\tau_{\text{exp}} = 0.36\text{ms}$



## C Prediction methods on PEX5 data

no artifacts

no correction

automated corr.

manual corr.

peak artifacts

no correction

automated corr.

manual corr.

