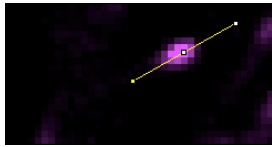
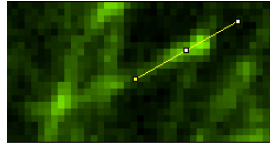


Additional file 4: Figure S4

Channel 1:
EB1-mCherry



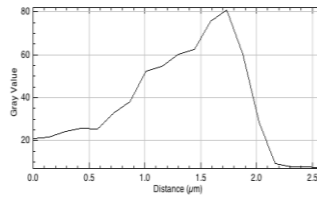
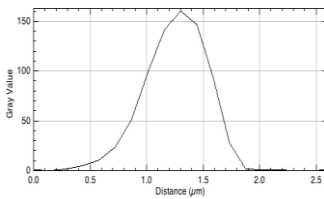
Channel 2:
GFP-GPT1



Line drawing at MT ends

- A straight line was drawn manually on Channel 1 first, then select Edit > Selection > Restore functions in ImageJ
- This will place the identical line on the same position on another channel

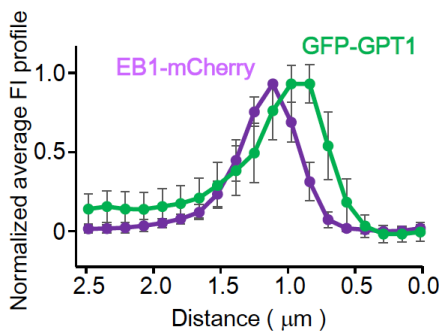
Intensity Plot



Intensity plot drawing

- Show relative fluorescent values along the line

Merge



Merged intensity plots

- Retrieve intensity values at each position from both channels
- Values are normalized with the highest value set to 1.0
- Mean and STDEV values are calculated from 20 particles

