Supplementary table 1: Best-fit Gaussian Parameters for the different log(brightness) distributions

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| Gaussian Fit Parameters | | |
|  | mean | stdev |
| FGFR1 + 130 nM FGF9 | 0.41 ± 0.01 | 0.30 |
| FGFR1 + 130 nM FGF4 | 0.48 ± 0.01 | 0.31 |
| FGFR1 + 3 nM FGF4 | 0.30 ± 0.01 | 0.22 |
| FGFR1 + 130 nM FGF8 | 0.40 ± 0.01 | 0.25 |
| LAT | 0.22 ± 0.01 | 0.32 |
| TrkA + 130nM NT3 | 0.39 ± 0.01 | 0.29 |
| FGFR1 no ligand | 0.25 ± 0.01 | 0.31 |