

<b>Strain</b>	<b>Mean total number of molecules in all localized spots per cell <math>\pm</math>SEM, <math>N</math>=number of cells in dataset</b>	<b>Total number of molecules not in localized spot per cell (Mode from Gamma fit <math>\pm</math> HWHM)</b>	<b>Proportion of molecules in localized spots relative to number in whole cell (%)</b>	<b>Total number of molecules per cell</b>
<b>MukB</b>	82 $\pm$ 7, $N$ =96	356 $\pm$ 177	19 $\pm$ 10	438 $\pm$ 180
<b>MukE</b>	79 $\pm$ 3, $N$ =82	301 $\pm$ 150	21 $\pm$ 11	380 $\pm$ 154
<b>MukF</b>	45 $\pm$ 2s, $N$ =105	211 $\pm$ 109	18 $\pm$ 10	256 $\pm$ 110
<b>MukB<sub>EQ</sub></b>	65 $\pm$ 6, $N$ =55	278 $\pm$ 139	20 $\pm$ 9	333 $\pm$ 139
<b>MukB<sub>EQ</sub>MukE</b>	65 $\pm$ 5, $N$ =75	331 $\pm$ 166	16 $\pm$ 8	396 $\pm$ 166
<b>MukB<sub>EQ</sub>MukF</b>	24 $\pm$ 4, $N$ =64	170 $\pm$ 85	11 $\pm$ 5	214 $\pm$ 88

**Table S5.** Distribution of total numbers of MukBEF molecules in YPet in both the fluorescent spots and not integrated into localized spots.