

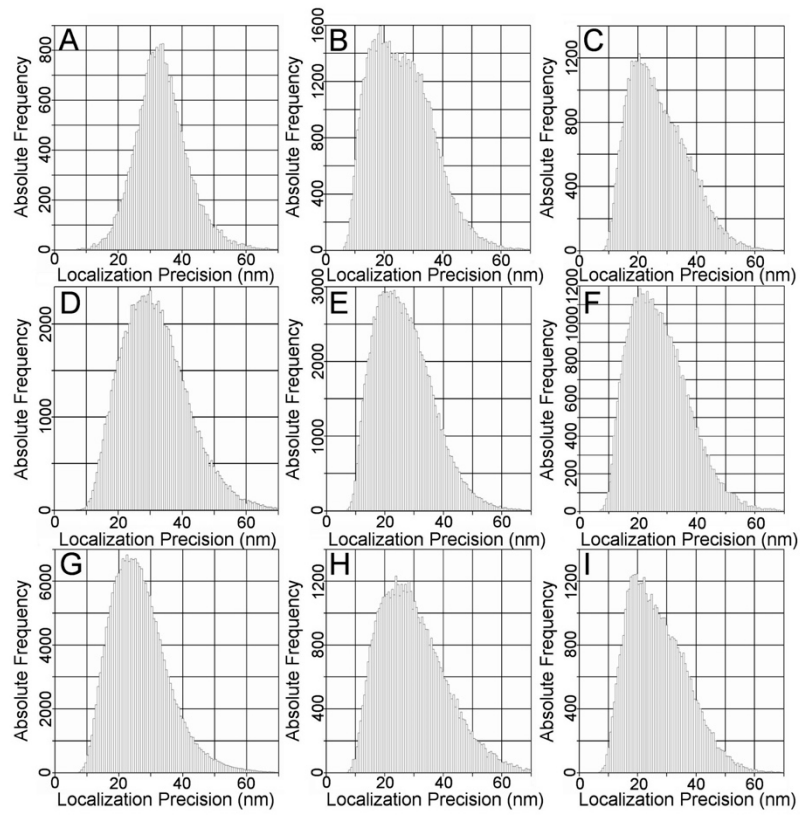


Figure S1. Localisation precision histograms corresponding to dSTORM data from Figure 3. **A)** *E. coli* anti-OmpA; **B)** wild type rMOMP; **C)** rMOMP C201A; **D)** rMOMP C203A; **E)** rMOMP C201/203A; **F)** rMOMP C136A; **G)** rMOMP C136/201A; **H)** rMOMP C136/203A; and **I)** rMOMP C226A.

Table S1. Primers used for cysteine mutant production. Bold indicates the location of the cysteine mutation and underline indicates a cysteine previously mutated.

Mutation	Forward	Reverse
C136A	GGGATCGCTTTGATGTTTT CGCT ACTTTAGGAGCTTCTAATGG	CCATTAGAAGCTCCTAAAGT AGCG AAAACATCAAAGCGATCCC
C201A	CTCGTGGAGCCTTATGGGA AGCC GGTTGTGCAACTTTG	CAAAGTTGCACAAC CGGCTT CCCATAAGGCTCCACGAG
C203A	GCCTTATGGGAATGCGGT GCTG CAACTTTGGGAG	CTCCCAAAGTTGC AGC ACCGCATTCCCATAAGGC
C201A/C203A	GCCTTATGGGA AGCC GGT GCTG CAACTTTGGGAG	CTCCCAAAGTTGC AGC ACCGGCTTCCCATAAGGC
C226A	GTTGAAGAACTTAATGTGATC GCTA ACGTATCGCAATTCTCTGTAAAC	GTTTACAGAGAATTGCGATACGTT AGCG ATCACATTAAGTTCTTCAAC

