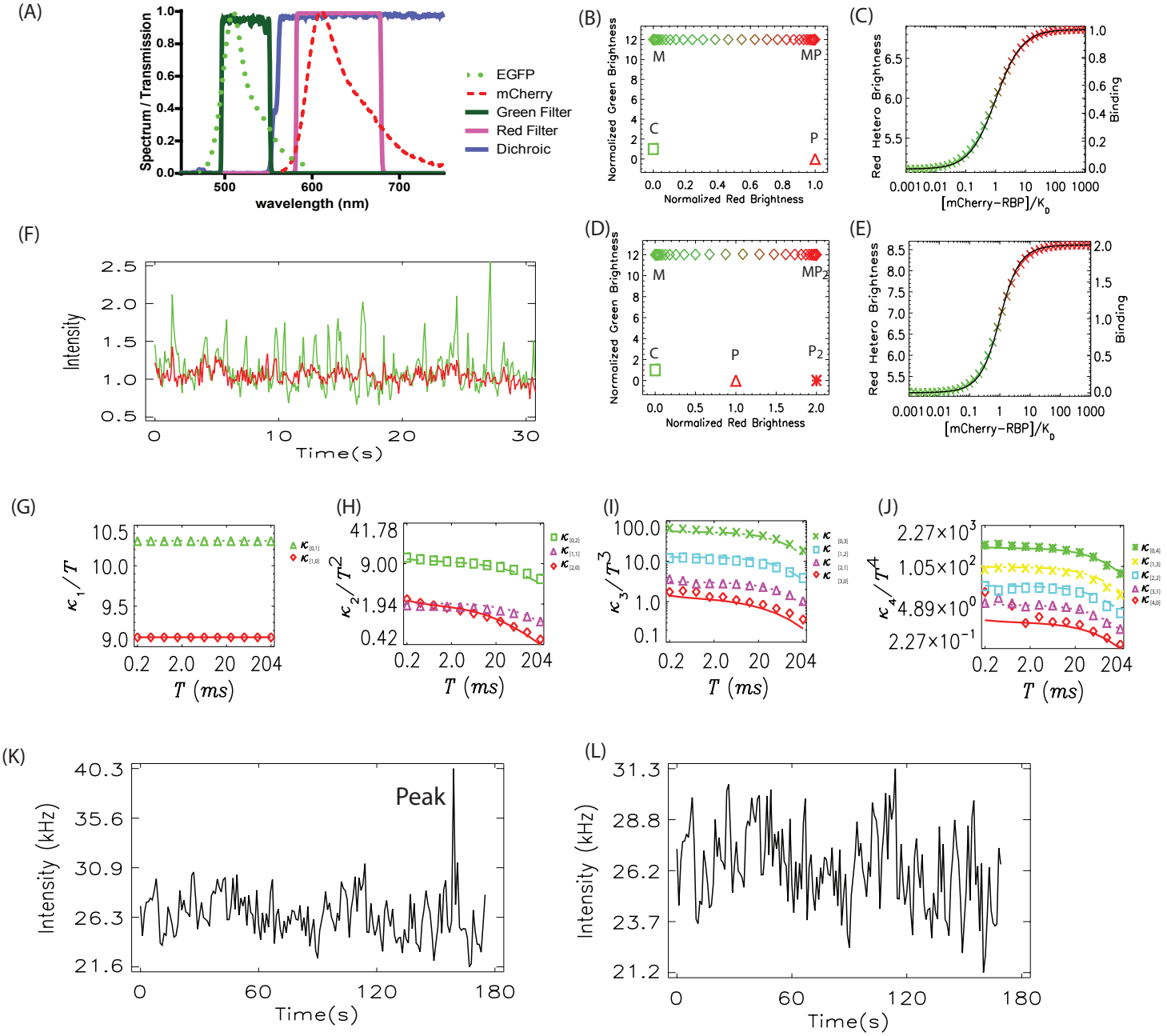
Figure S1


(A)
Spectrum / Transmission
wavelength (nm)
EGFP
mCherry
Green Filter
Red Filter
Dichroic
(B)
Normalized Green Brightness
Normalized Red Brightness
M
MP
C
P
(C)
Red Hetero Brightness
Binding
[mCherry−RBP]/K_D
(D)
Normalized Green Brightness
Normalized Red Brightness
M
MP2
C
P
P2
(E)
Red Hetero Brightness
Binding
[mCherry−RBP]/K_D
(F)
Intensity
Time(s)
(G)
T (ms)
(H)
T (ms)
(I)
T (ms)
(J)
T (ms)

(K)
Intensity (kHz)
Peak
Time(s)
(L)
Intensity (kHz)
Time(s)