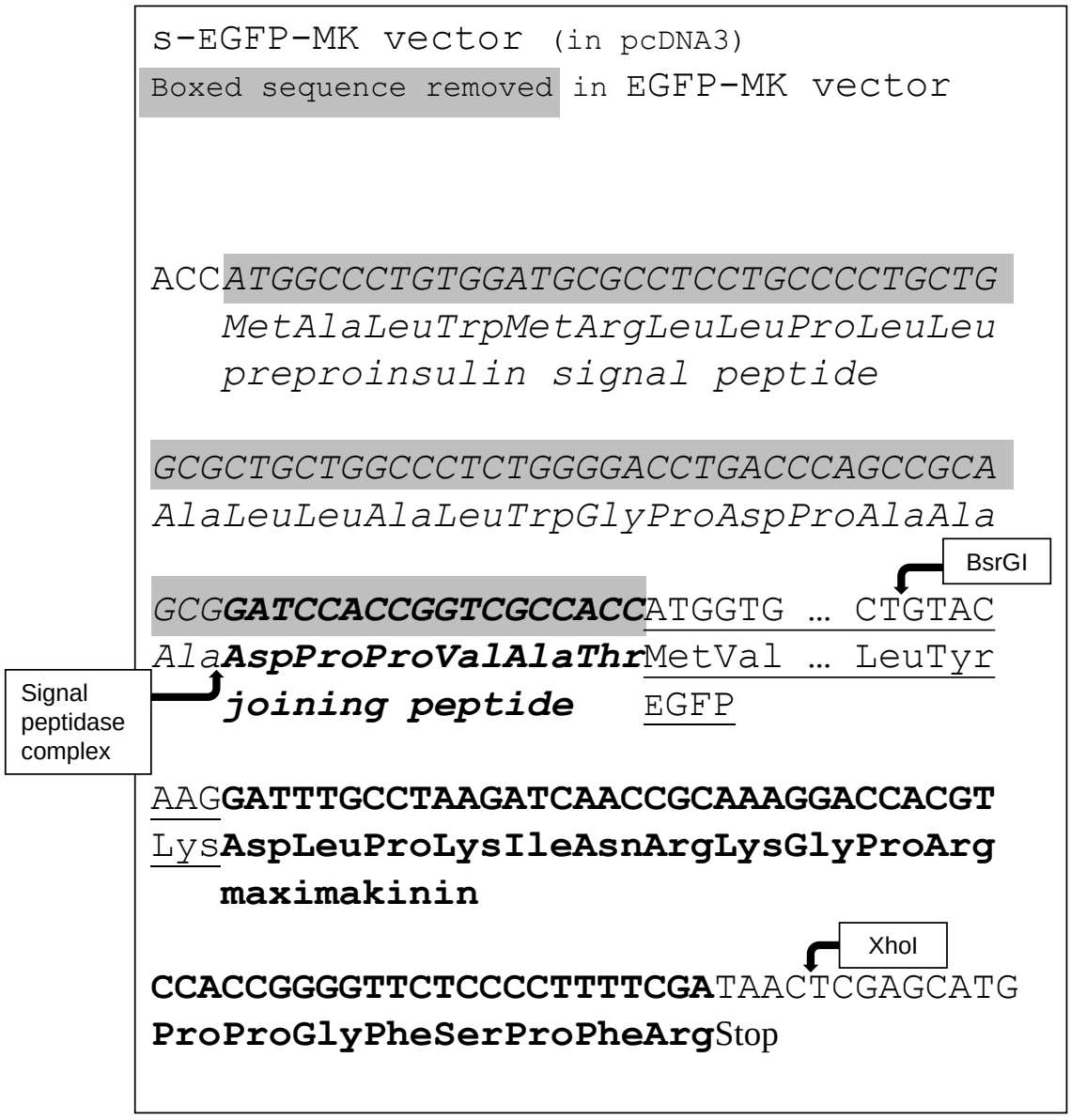
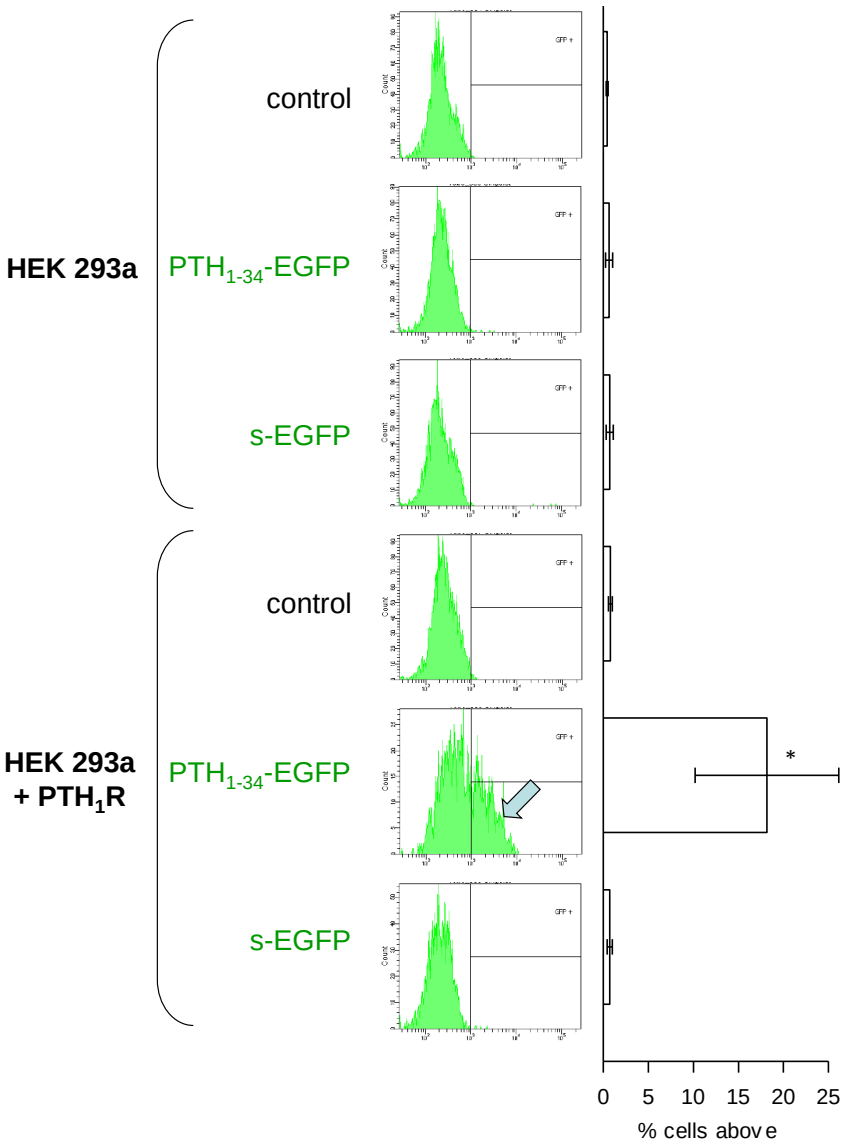
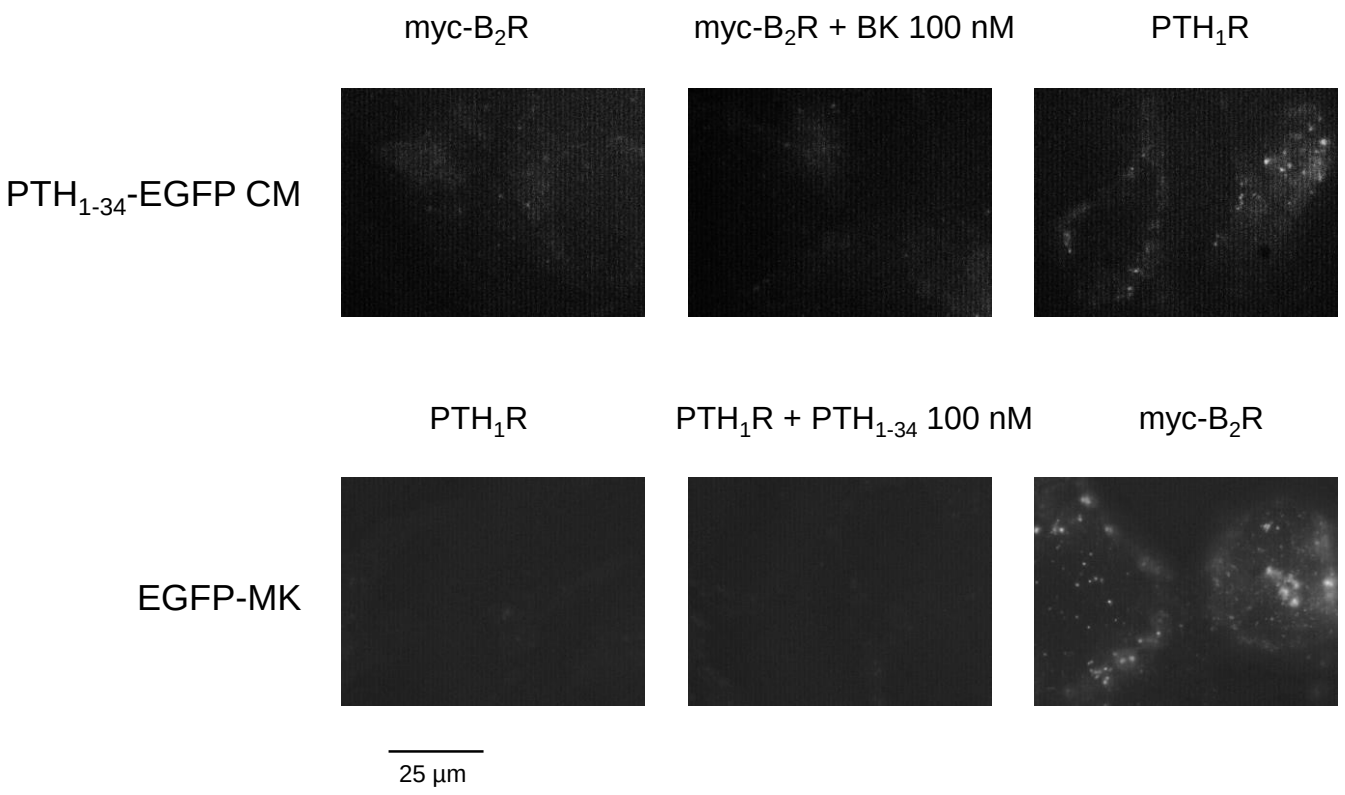
Supplementary Figure 1. Partial coding sequence of the PTH_{1-34}-EGFP vector. See text for description.



Supplementary Figure 2. Partial coding sequence of the s-EGFP-MK and the EGFP-MK vectors, the second being obtained following the deletion of the boxed sequence (signal peptide + joining peptide). See text for description.



Supplementary Figure 3. Cytofluorometry of HEK 293a cells that optionally expressed PTH_1R (3 conditions at bottom), sequentially detached and stained for 30 min (37ºC) with the undiluted conditioned medium of other cells producing s-EGFP or $PTH_{1\text{-}34}$-EGFP, as indicated. Left: distributions based on the counting of 10000 cells. A threshold of autofluorescence was defined using control cells with no fluorophore. It was surpassed only under one set of experimental conditions (arrow). Right: proportion of cells above the threshold under each experimental condition in 3 separate experiments (means ± s.e.m.). ANOVA indicated that the values were heterogeneous ($P<0.02$). * $P<0.05$ vs. controls with or without receptors (Tukey-Kramer multiple comparison test). s-EGFP did not significantly stain cells.



Supplementary Figure 4. Lack of stimulated uptake of fluorescent probes by cells expressing the non-corresponding receptor. HEK 293a cells expressing the indicated receptor were incubated for 30 min with one of the EGFP fusion protein and optionally stimulated with a non-fluorescent peptide, as indicated.