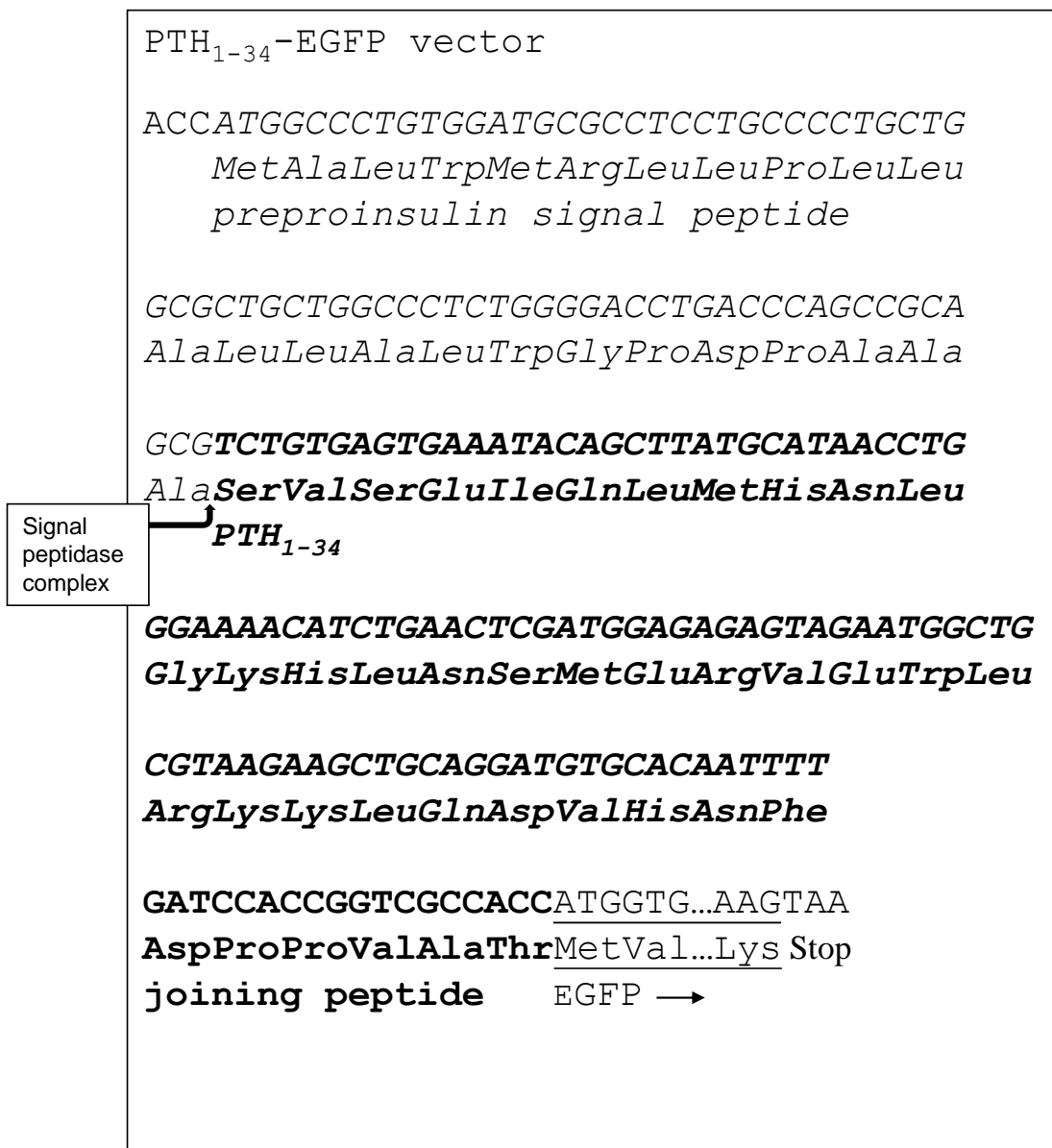


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Supplementary Figure 1. Partial coding sequence of the PTH₁₋₃₄-EGFP vector. See text for description.

s-EGFP-MK vector (in pcDNA3)

Boxed sequence removed in EGFP-MK vector

ACCATGGCCCTGTGGATGCGCCTCCTGCCCTGCTG
MetAlaLeuTrpMetArgLeuLeuProLeuLeu
preproinsulin signal peptide

GCGCTGCTGGCCCTCTGGGGACCTGACCCAGCCGCA
AlaLeuLeuAlaLeuTrpGlyProAspProAlaAla

GCG**GATCCACCGGTCGCCACC**ATGGTG ... CTGTAC
*Ala**AspProProValAlaThr**MetVal ... LeuTyr*
joining peptide EGFP

Signal
peptidase
complex

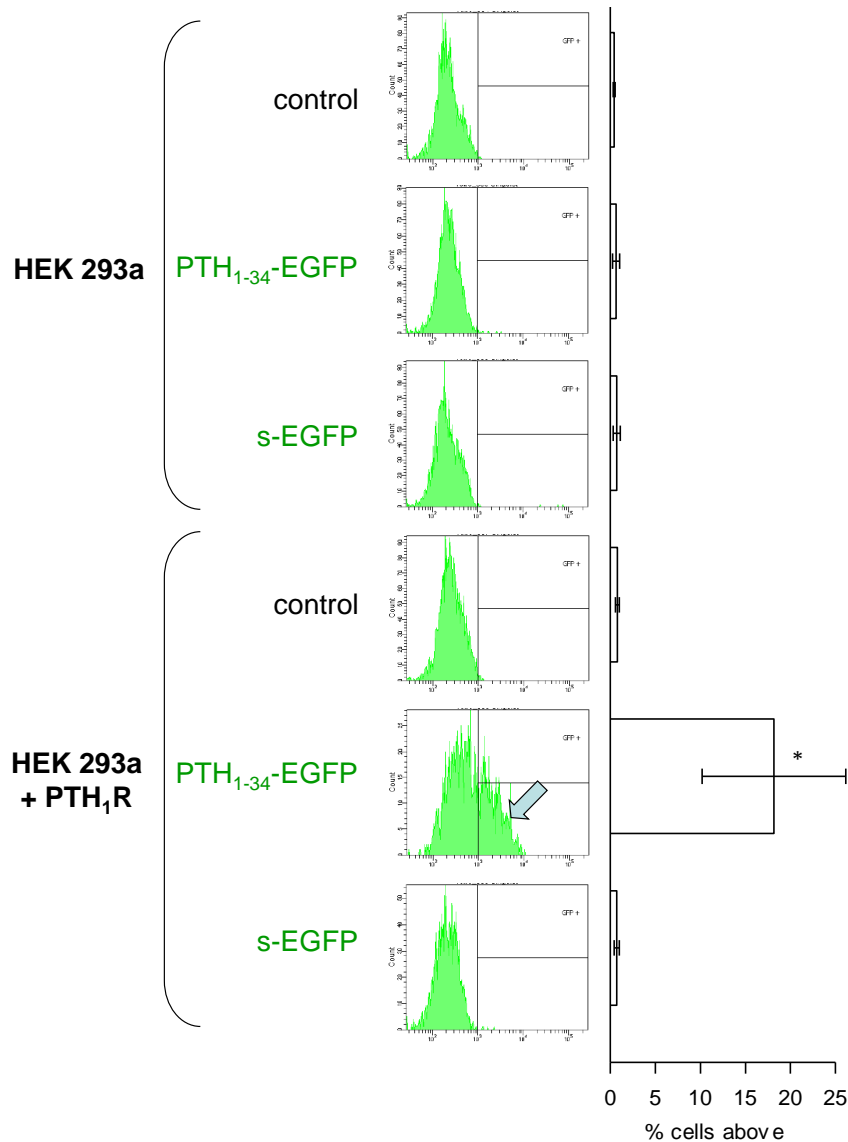
AAG**GATTTGCCTAAGATCAACCGCAAAGGACCACGT**
*Lys**AspLeuProLysIleAsnArgLysGlyProArg***
maximakinin

CCACCGGGTTCCTCCCTTTTCGATAACTCGAGCATG
ProProGlyPheSerProPheArgStop

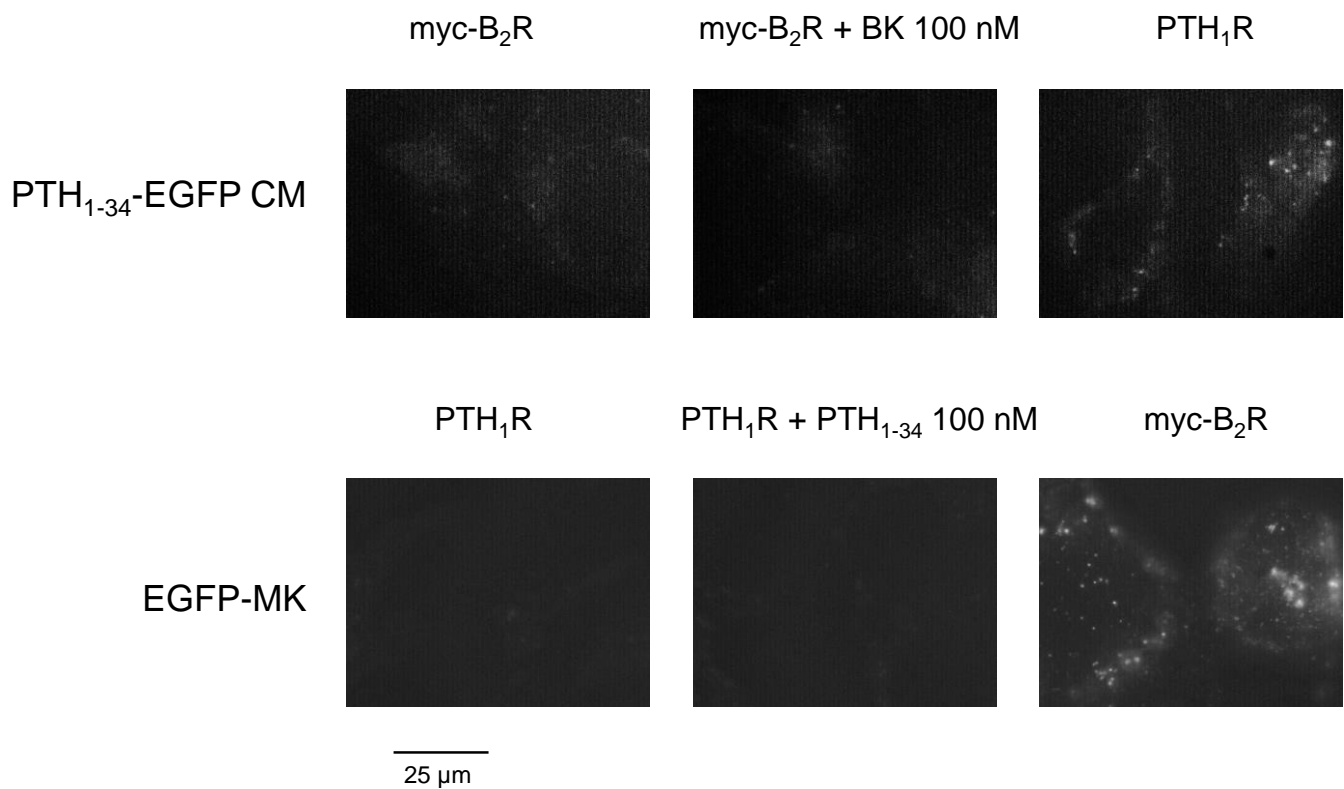
BsrGI

XhoI

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 PTH₁R (3 conditions at bottom), sequentially detached and stained for 30 min (37°C) with the undiluted conditioned medium of other cells producing s-EGFP or PTH₁₋₃₄-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 \pm 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.