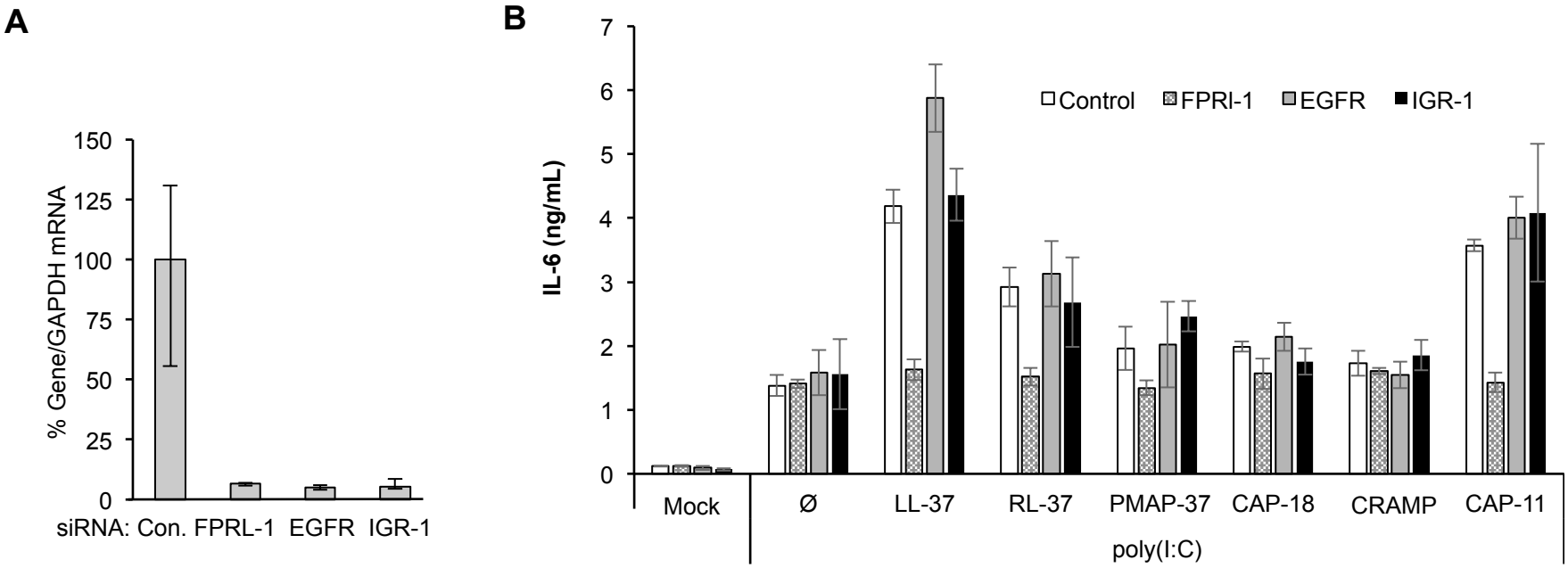

Supplemental Figure 1. The peptides that are unable to enhance TLR3 and TLR9 signaling are also decreased for association of the FRPL-1 receptor that promotes nucleic acid-peptide endocytosis. **A**) Quantification of the reduction in the mRNA levels of three known receptors that interact with LL-37 after siRNA knockdown. BEAS-2B cells were transfected with siRNA at 0.3 nM for 48 h, followed by extraction of the mRNAs and RT-PCR to quantify the individual RNAs. The constitutively expressed GAPDH from each sample was also quantified to allow normalization of the RNAs. **B**) The peptides that retain partial enhancement of TLR3 signaling (RL-37 and CAP-11) require the FPRL-1 receptor. The mock samples were not treated with the dsRNA mimic, poly(I:C) or peptide.