Supplement Figure S1. The concentration of total vitreous protein and the relationship between total vitreous protein and cytokines. A. Total vitreous protein comparison between PDR and control patients. Scatterplot of IL-37 (B), VEGF-A (C), Ang-2 (D) concentrations and total vitreous protein level in vitreous samples. No significant correlation was observed between total vitreous protein and IL-37 ($R^2=0.045$, $p=0.397$), VEGF ($R^2=0.000225$ $p=0.951$) and Ang-2 ($R^2=0.035721$ $p=0.453$). Statistical comparison was performed with Spearman correlation coefficient.
Supplement Figure S2. The effect of IL-37 on RF/6A cell migration and formation of vascular-like structure at lower levels. RF/6A cells were stimulated with indicated concentrations of IL-37 in tube formation assay or scratch wound assay. (A, B) Branching points (A) and tube length (B) were quantified by photoshop. (C) Quantification of migration distance in scratch wound assay. n = 9 per group. Data are presented as mean ± SEM. Statistical comparison was performed with Student's t test. *P < 0.05, ***P < 0.01.