Supplementary material Fig. 1. Mature human and zebrafish IL-1β share significant structural similarity. Structural prediction of zebrafish IL-1β cleaved at residue D148 using the Phyre prediction server reveals a beta-trefoil structure (B) highly similar to that of human mature IL-1β (A).
Supplementary material Fig. 2. Macrophage recruitment to injury is inhibited by IL-1β and P2X7 knockdown.

*mpeg:Gal4;UAS:Kaede* embryos injected with IL-1β morpholino and P2X7 morpholino injured at 48hpf show reduced numbers of macrophages at the site of injury at 6hpi. **P ≤ 0.01 and ****P ≤ 0.0001 by one way ANOVA with Dunnett’s post test. n=30 performed as 3 independent experiments.

Supplementary material Fig. 3. IL-1β is highly expressed in zebrafish leukocytes. A-C. Zebrafish IL-1β, IL-8a and ptgs2b are induced in response to injury at 2hpi as shown by de Oliveira et al. (2013). *P ≤ 0.05 and **P ≤ 0.01 by unpaired t-test of triplicate samples of ≥3 independent experiments.