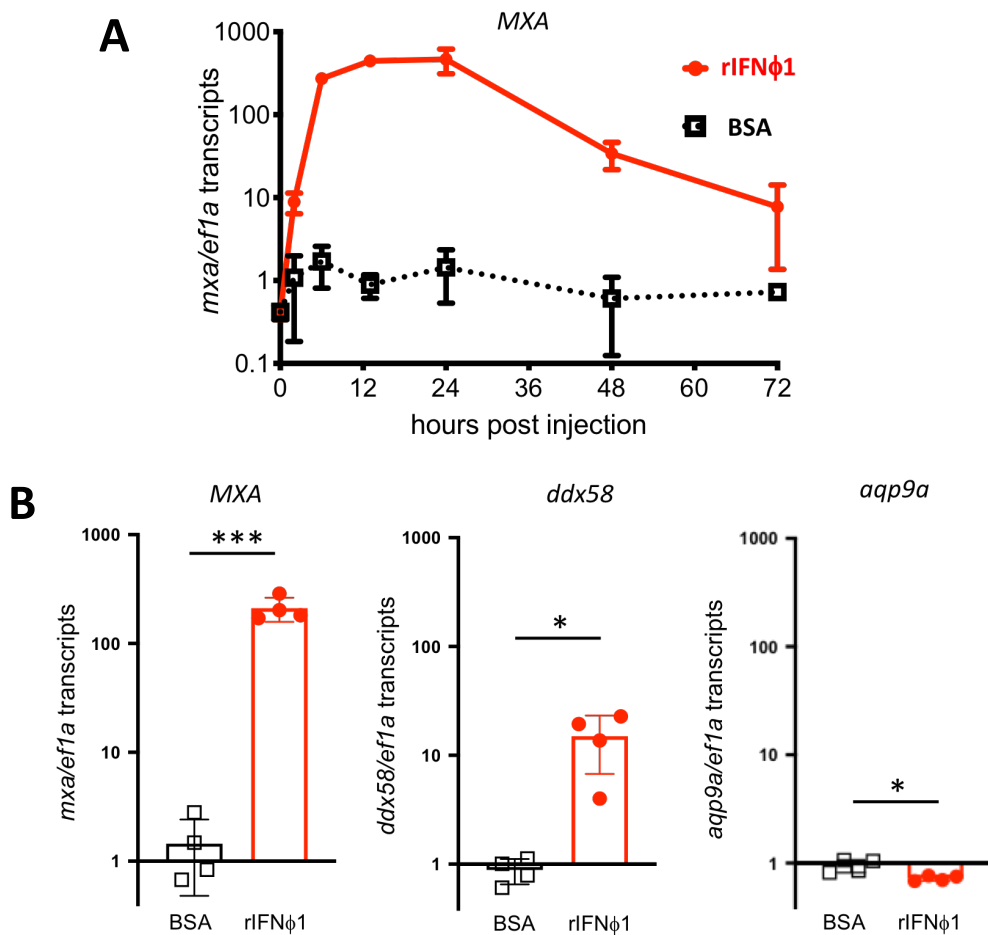


**Interferon-stimulated genes in zebrafish and human define an  
ancient arsenal of antiviral immunity**

Jean-Pierre Levraud, Luc Jouneau, Valérie Briolat, Valerio Laghi and Pierre Boudinot

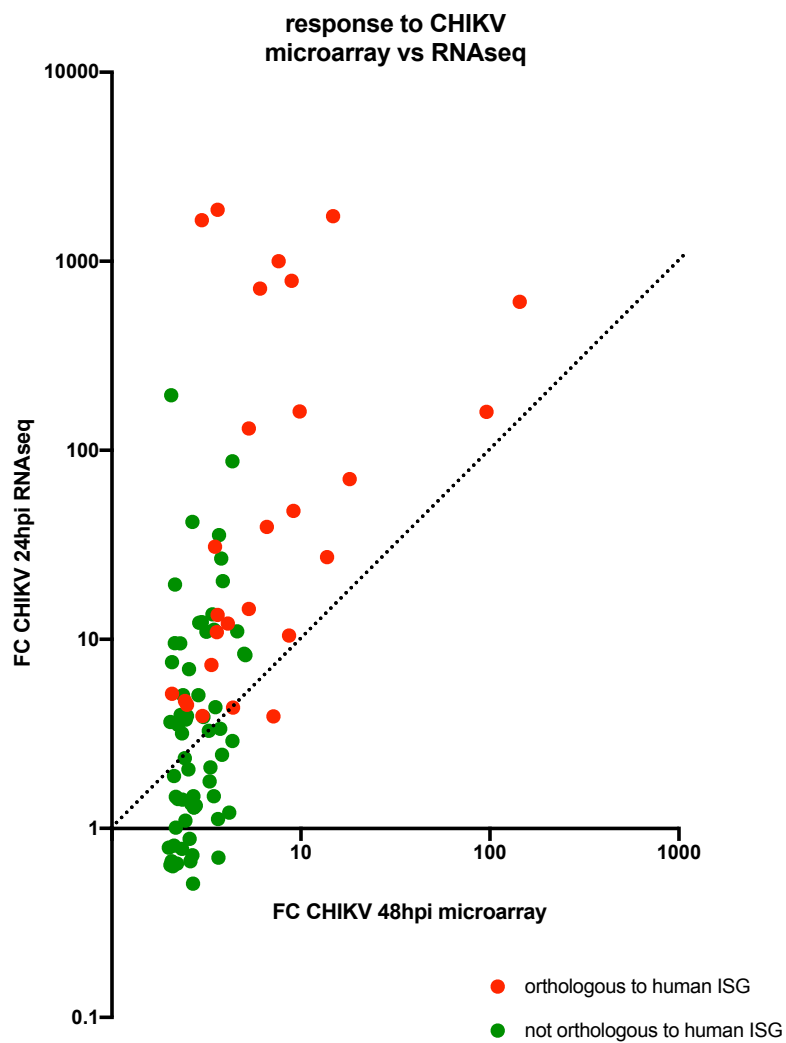
**Supplementary Figures**

Figure S1



**Figure S1. A. Kinetics of response to recombinant IFN $\phi$ 1**, measured by RT-qPCR. Data normalized on the mean of expression of control (samples), displayed as mean  $\pm$  SD. **B. Genes missing in the reference genome: *ddx58***, encoding RIG-I, is a zebrafish ISG, but ***aqp9a* is not**. qRT-PCR in individual zebrafish larvae 6 hours after IFN $\phi$ 1 injection; quantification of *MXA* also shown as a control.

**Figure S2**



**Figure S2. Transcriptomic response to CHIKV at 24 and 48 hours post infection.** 48h data from (Briolat et al., 2014), 24h data from this study; only genes identified as upregulated in the 2014 microarray study are displayed here.