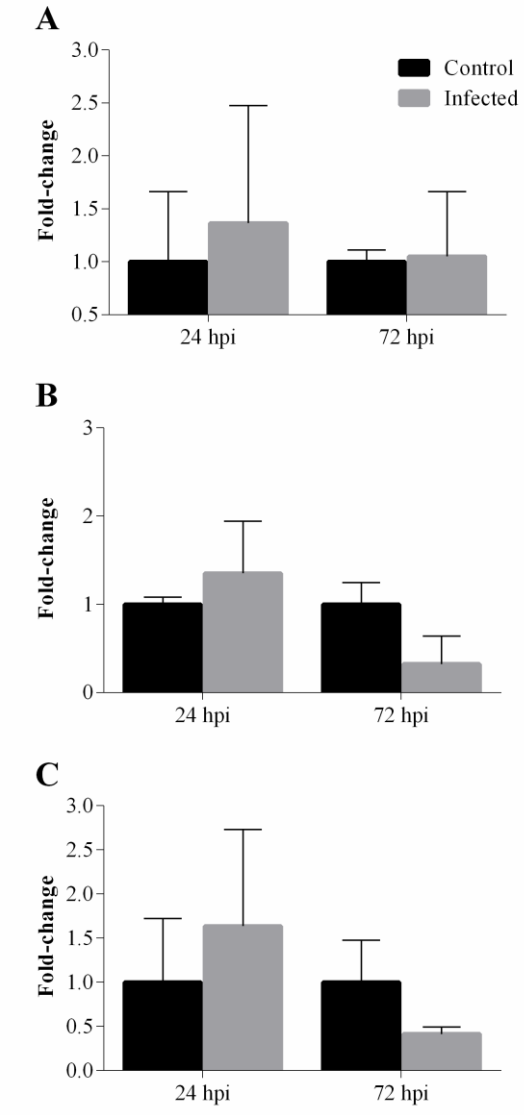
Turbot (*Scophthalmus maximus*) Nk-lysin induces protection against the pathogenic parasite *Philasterides dicentrarchi* via membrane disruption

Lama R[1], Pereiro P[1], Costa MM[1], Encinar JA[2], Medina-Gali RM[2], Pérez L[2], Lamas J[3], Leiro J[4], Figueras A[1], Novoa B[1]*

Supplementary Figure 1. Expression analysis of the turbot *nkl* gene in blood (A), PEC (B) and head kidney (C) at 24 and 72 hpi with *P. dicentrarchi*. The expression of *nkl* was normalized to the expression of the reference gene *eef1a*. The fold change was calculated by dividing the normalized expression values in the different samples by the normalized expression values obtained in the controls (non-infected individuals). Data are represented as the mean ± SEM (n=3).



Supplementary Figure 2. Expression of *nkl* in muscle samples (site of injection) at 2 days post-injection of PBS, pMCV1.4 or pMCV1.4-*nkl*. The expression of *nkl* was normalized to the expression of the reference gene *eef1a*. The fold change was calculated by dividing the normalized expression values in the different samples by the normalized expression values obtained in the PBS-injected individuals. Data are represented as the mean ± SEM (n=5). Significant differences are displayed as *** (0.0001< p <0.001), ** (0.001< p <0.01) or *(0.01< p <0.05).