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

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**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).