



**Figure S4.** Expression of ferritins, LsHSCARB and a lipid transporter gene. a) Ferritin 1, b) Ferritin 2, c) Ferritin 4, d) LsHSCARB, e) Lipid transfer protein (EMLSAT0000001530) (Khan et al., 2017) in the samples from lice sampled from skin (light grey) and gills (dark grey). Shown are average values with standard deviation. \* = Significant different (T-test,  $p < 0.05$ ) between lice samples from different location in the respective sampling point.