**Supplementary file:**

Hamre et al.:Antioxidant nutrition in Atlantic salmon (*Salmo salar*) parr and post-smolt, fed diets with high inclusion of plant ingredients and graded levels of micronutrients and selected amino acids.



Figure S1. Analysed concentrations of redox dependent nutrients in the diets added 0-400% NP.

Trial 1



Trial 2



Figure S2. Expression of redox related genes in liver of Atlantic salmon parr (Trial 1) and post-smolt (Trial 2) in response to dietary supplementation of micronutrients and selected amino acids at 0-400% NP. Data were first fitted to second order polynomials and the fit was then compared to a first order polynomial fit, which was chosen when p>0.05 for the second order equation. The p given in figures with first order and second order fits indicate that the slope is significantly different from 0 or that second order fits are significantly better than first order fits, respectively. n.s., not significant.