

## Supplementary Information

**Table S1.** Composition of the experimental fish feeds, the values are given as means  $\pm$  SD of two independent determinations of the same feed batch, NFE = nitrogen-free extract.

<b>Feed Composition</b>	<b>Basal feed</b>	<b>Low ZEN</b>	<b>Medium ZEN</b>	<b>High ZEN</b>
Dry matter [% wet matter]	89.27 $\pm$ 0.70	89.80 $\pm$ 0.04	89.74 $\pm$ 0.06	89.88 $\pm$ 0.06
Crude protein [% dry matter]	46.99 $\pm$ 0.41	46.63 $\pm$ 0.32	46.35 $\pm$ 0.34	46.62 $\pm$ 0.21
Crude lipid [% dry matter]	13.64 $\pm$ 0.22	13.99 $\pm$ 0.62	14.62 $\pm$ 0.11	13.38 $\pm$ 0.06
Crude ash [% dry matter]	6.98 $\pm$ 0.00	6.95 $\pm$ 0.11	6.83 $\pm$ 0.03	7.02 $\pm$ 0.01
NFE [% dry matter]	32.66 $\pm$ 0.63	32.43 $\pm$ 0.41	32.20 $\pm$ 0.26	32.99 $\pm$ 0.16
Gross energy [MJ kg <sup>-1</sup> dry matter]	22.66 $\pm$ 0.12	22.65 $\pm$ 0.04	22.56 $\pm$ 0.08	22.42 $\pm$ 0.04