**Table S4** Formulation and nutrient composition of two series of diet.

|  |  |  |
| --- | --- | --- |
| **Feed composition** | **Ref** | **Test** |
| **Ingredients (%)** |  |
| Marine protein sources**1** | 33 | 33 |
| Vegetable protein sources**2** | 40 | 40 |
| Fish oil  | 9 | 9 |
| Vegetable oil  | 8 | 8 |
| Binders & Micro-nutrients  | 10 | 10 |
| Sum | 100 | 100 |
| **Nutrient composition (%)** |  |
| Crude protein  | 47 | 47 |
| Crude fat | 22 | 22 |
| Starch | 10 | 10 |
| Crude fiber | 3 | 3 |
| Ash | 7 | 7 |
| **Functional ingredients3** |  |
| Prebiotics  |  | √ |

**1**Mix of Scandinavian origin fish meal and, fish protein concentrate (Norway). **2**Mix of soy protein concentrate, wheat protein concentrate, wheat gluten, sunflower meal. **3**Inclusion levels were determined according to recommendations from the producers and not listed here for commercial interests and production of intellectual rights.