**Figure caption supplementary file 2**

General view of the hepatic parenchyma and intestinal mucosa of gilthead sea bream (*Sparus aurata*) fed the control (Diet A) and Diet C containing 1.7 g OBE per kg feed. Staining: haematoxylin-eosin (liver: a, b); Masson’s trichrome stain (transversal section of the intestine: c, d); Periodic Acid Schiff (PAS) counter stained with methylene blue for goblet cell detection (longitudinal section of the intestinal mucosa: e, f).