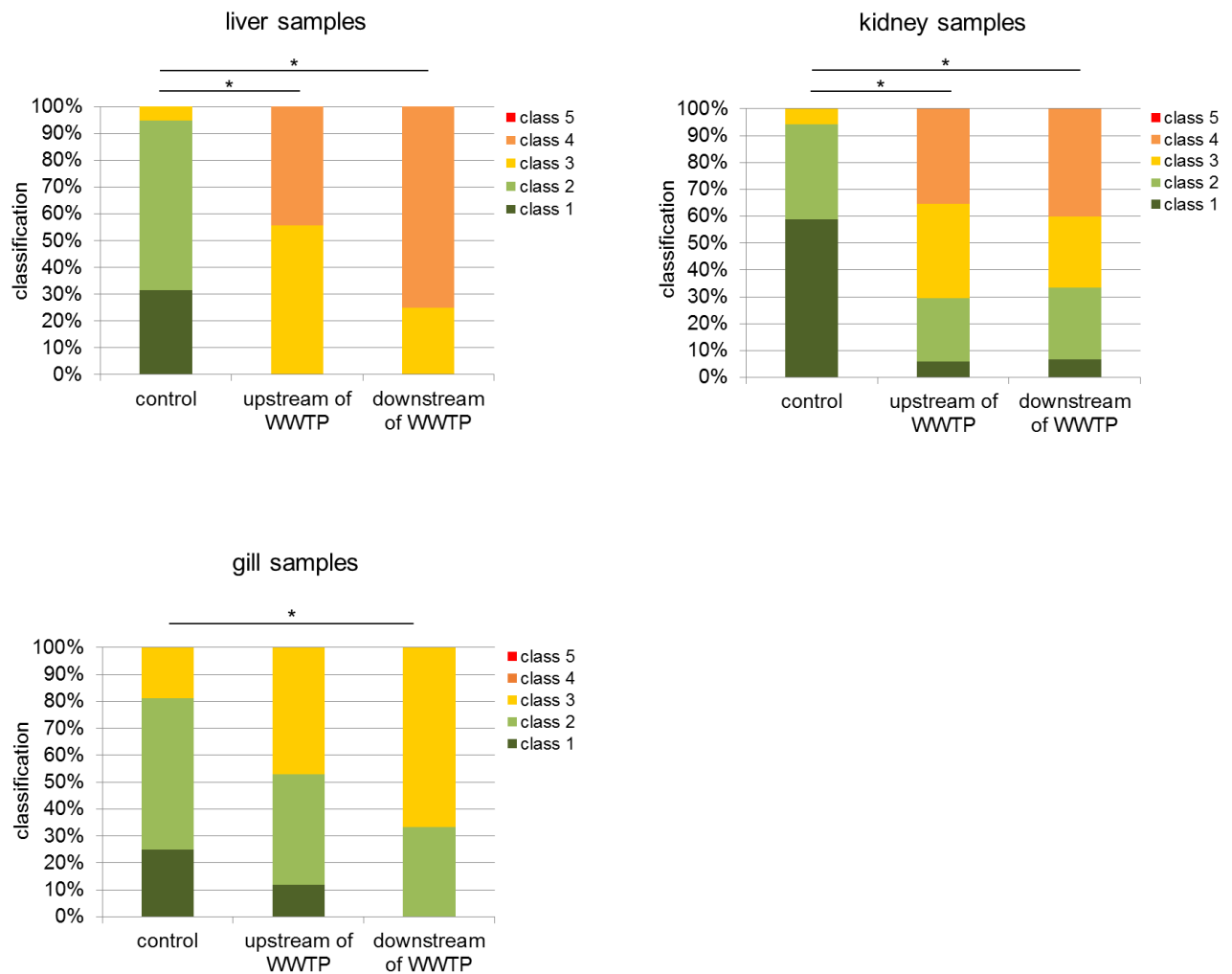




Additional file 1: Semi-quantitative histopathological assessment of liver, kidney and gill samples of fish exposed up- and downstream of WWTP B. Samples were classified into five categories described in detail by Wilhelm et al. [17] according to the symptoms displayed. Shortly, class 1 includes samples in control state, class 2 has been assigned to tissue samples displaying slight reactions, class 3 to samples with pronounced reactions, class 4 describes samples expressing beginning destructive alterations and class 5 has been assigned to liver samples with severe cellular destruction. Asterisks and horizontal lines indicate significant differences between two datasets according to likelihood ratio chi-square tests with subsequent Holm correction.

