Supplemental Fig. 2. Effect of quercetin on the cellular distribution of occludin, claudin-1, -3 and -7 in Caco-2 cells. 200 µmol/L quercetin in serum containing medium was used for incubation of Caco-2 cell monolayers (24 h). Immunofluorescent stainings revealed a colocalization of claudins (green) with occludin (red), resulting in a yellow staining (merge). Furthermore, xz-projection at the indicated green line was computed (rectangular image above images) and a yz-projection at the red line (rectangular image at right margin of images). The xy-scans were focused at the plane of the tight junctions.