



Fig. 17. Immunofluorescence in coronal sections at the level of the lumbar part of the spinal cord of E13 *B-raf*^{+/+} (A,C) and *B-raf*^{-/-} (B,D) mice. The sections were immunostained with specific antibodies against Islet-1 (A,B) and p75^{NTR} (C,D) by using separate Cy3 fluorochrome-labelled secondary antibodies for visualization. The ventral horn region of the spinal cord was analyzed by confocal laser scanning microscopy at a low magnification (20 X objective). Note that both p75^{NTR} and Islet-1 immunointensities in motoneurons within the ventral horn appear decreased in *B-raf*^{-/-} mice for comparison to the *B-raf*^{+/+} animal.