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Title (English) <b>Characterization of gene regions regulating nerve injury induced expression of MHC class II in the rat</b>		
Title (Swedish)		
Abstract In neurodegenerative diseases, microglial activation and inflammation are important components. These are mainly complex diseases with both a genetic and environmental component, both in many cases equally unknown. In this study, a disease model in rats has been applied to study the genetic influence in the inflammatory and neurodegenerative process with focus and MHC class II upregulation on microglia. The gene <i>MhcIIa</i> is shown to regulate MHC class II expression in the early inflammatory response after nerve injury.		
Keywords Neurodegeneration, Inflammation, MHC class II, Complement, QTL, Linkage.		
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