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UNIVERSITET

Molecular Biotechnology Programme

Uppsala University School of Engineering

UPTEC X	Date of issue 2007-03
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Title (English) The antibody response in gene-targeted mice, producing IgM unable to activate complement	
Title (Swedish)	
Abstract <p>Comprehension about the immune system and how it is regulated is of major importance for fundamental immunology. The complement and immune complexes play an important role in autoimmune diseases. There are data showing that natural IgM is needed to mount a normal antibody response and it is suggested this lies in its ability to activate complement. Therefore, a knock-in mouse with a point mutation, making it unable to activate complement via IgM, was constructed. Characterization of this mutant mouse was done with several immunological methods and antibody responses were compared with normal mice.</p>	
Keywords <p>IgM, complement activation, IgG response, B-cells</p>	
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Project name	Sponsors
Language English	Security
ISSN 1401-2138	Classification
Supplementary bibliographical information	Pages 28
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