

Title (en)
MARKERS FOR AUTOIMMUNE DISEASE DETECTION

Title (de)
MARKER FÜR DEN NACHWEIS VON AUTOIMMUNKRANKHEITEN

Title (fr)
MARQUEURS POUR LA DÉTECTION DE MALADIES AUTO-IMMUNES

Publication
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Application
EP 05786543 A 20050812

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Abstract (en)
[origin: WO2006020899A2] The present invention provides genes and their expression patterns, wherein the expression patterns are associated with autoimmune diseases, particularly with systemic lupus erythematosus (SLE) and Wegener's granulomatosis, ANCA+ vasculitis (WG). The invention provides a group of 1645 genes and a number of sub-groups of the 1645 genes the expression patterns of which are useful in methods of identifying autoimmune diseases, differential diagnosis of autoimmune disease, particularly SLE, and classification of diseases, such as SLE and WG into disease sub-groups that are related to the disease activity. The invention also provides methods for differentiating SLE from other autoimmune diseases. The invention further provides a method for predicting SLE flare-ups by analyzing the expression pattern of a group of genes. The invention provides a fast, accurate, and inexpensive method of continuously monitoring SLE patients throughout their lives for prediction of flare-ups. The invention also provides a fast, accurate and inexpensive way to detect medication induced lupus.

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Citation (search report)
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• See references of WO 2006020899A2

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