

Supplementary materials

Article

Hydrolysis of oligodeoxyribonucleotides on the microarray surface and in solution by catalytic anti-DNA autoantibodies in systemic lupus erythematosus

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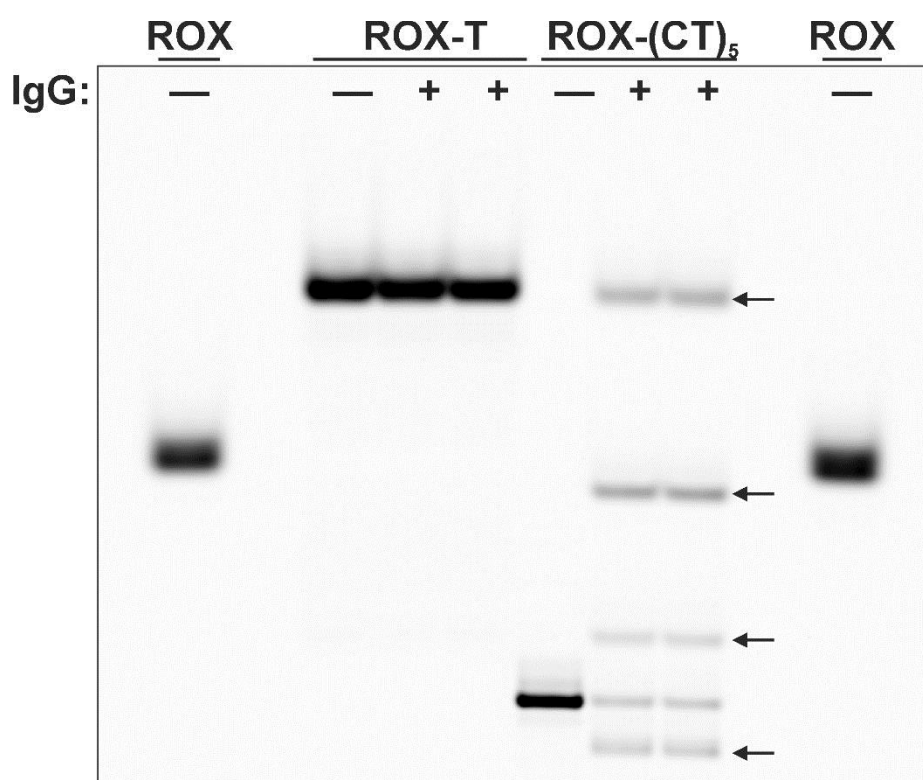


Figure S1. Analysis of the effect of ROX dye on the electrophoretic mobility of ODNs and identification of the final product of hydrolysis by antibodies of SLE patients. ROX dye without nucleotide (lines ROX) migrated to a different location than mononucleotide T labeled ROX (ROX-T). Hydrolysis of decanucleotide (ROX-(CT)₅) by IgG preparation SLE33 resulted in the formation of four products (marked by arrows), one of which was presumably a mononucleotide (according to electrophoretic mobility). ROX-T was not hydrolyzed by the IgG preparation SLE33.