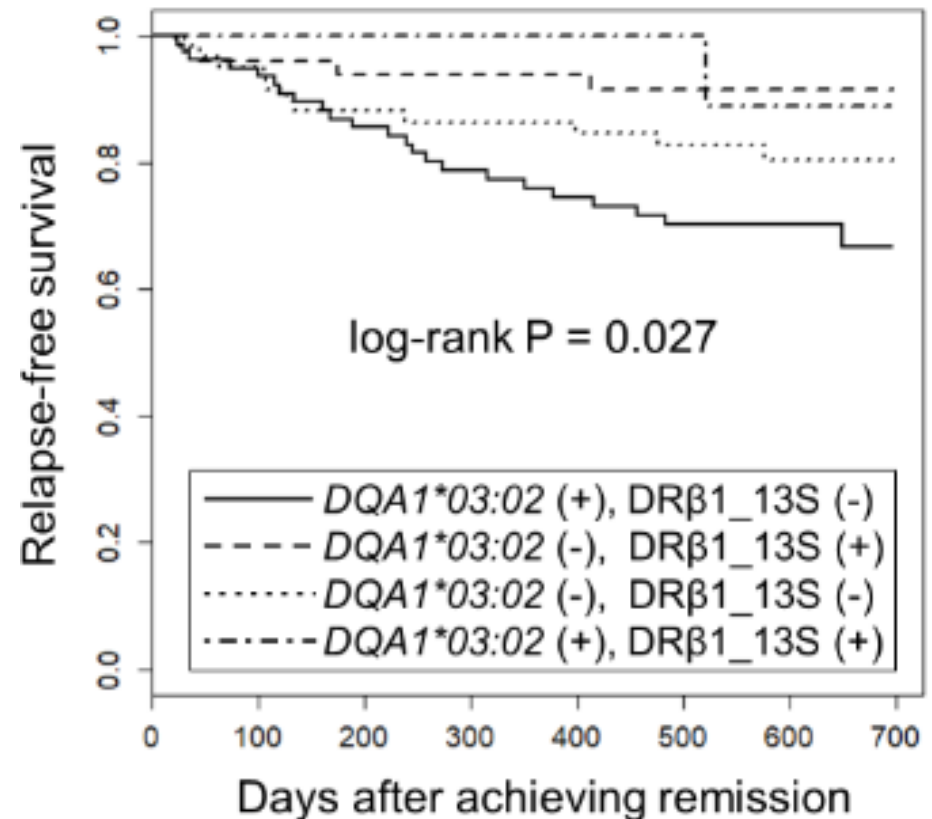


## HLA-class II haplotype is not only associated with susceptibility, but also with relapse-free survival in MPO-ANCA positive vasculitis

- Relapse after achieving remission remains a major problem in anti-neutrophil cytoplasmic antibody (ANCA)-associated vasculitis (AAV).
- Based on multicenter collaboration cohort studies in Japan, this study demonstrated that the susceptibility haplotype to myeloperoxidase-ANCA positive AAV, *HLA-DRB1\*09:01-DQA1\*03:02-DQB1\*03:03*, is also associated with risk of relapse.
- Conversely, *HLA-DRB1* alleles carrying serine at position 13 (*HLA-DRβ1\_13S*) were associated with protection from relapse.
- When carriage of *DQA1\*03:02* and *HLA-DRβ1\_13S* were combined, a significant difference in relapse-free survival was detected among groups.



Reference: Kawasaki A et al., Front Immunol (2023) doi:10.3389/fimmu.2023.1119064  
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