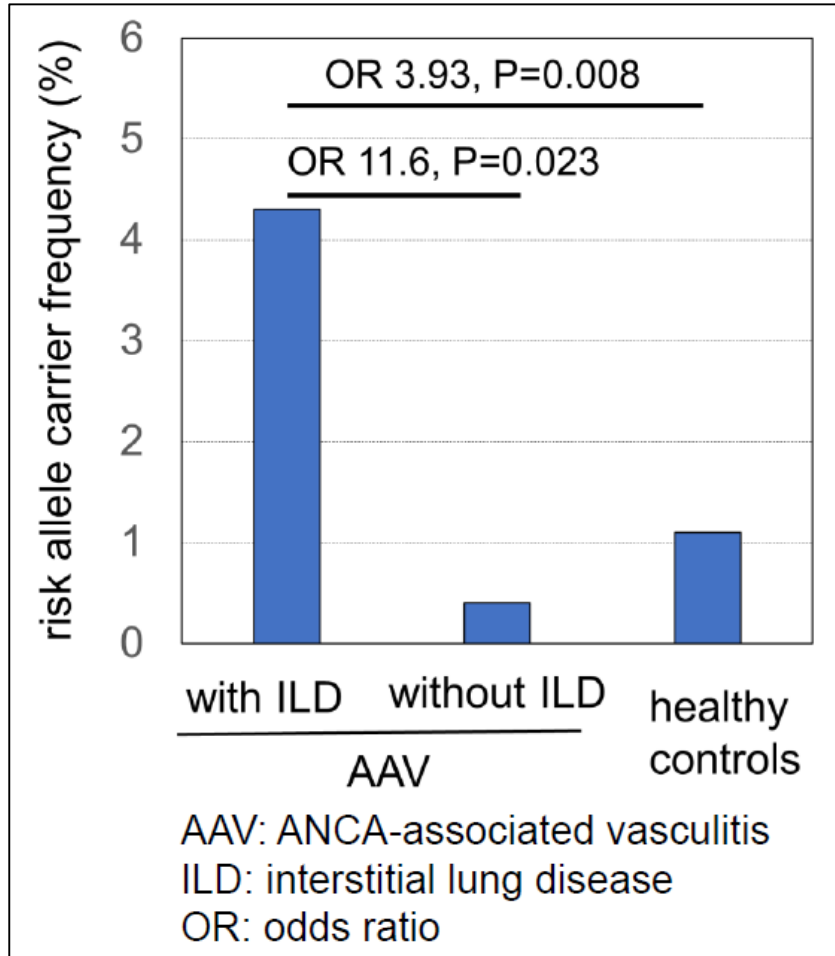


***MUC5B* variant is strongly associated with interstitial lung disease in myeloperoxidase-ANCA associated vasculitis**



- Interstitial lung disease (ILD) is a critical complication and a prognostic factor of rheumatic diseases. The prevalence of ILD in rheumatic diseases is strikingly high in the Japanese population.
- In collaboration with Dieude et al., we recently reported that a single nucleotide variant (SNV) rs35705950 in the promoter region of *MUC5B* gene is associated with ILD in rheumatoid arthritis [1].
- Here we demonstrated that the same SNV is strikingly associated with ILD in myeloperoxidase(MPO)-ANCA associated vasculitis for the first time [2].
- These findings may be valuable for drug discovery as well as for risk prediction.

References 1. Juge PA et al., *N Engl J Med* 2018;379:2209-19.

2. Namba N et al., *Ann Rheum Dis* 2019;78:1144-6.

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