Gal d 7 - a major allergen in primary chicken meat allergy

Protein extracts
raw + cooked chicken

Patients’ sera
chicken-allergic patients

IgE immunoblots

Allergen identification by MS
Myosin light chain 1 = Gal d 7

Recombiant Gal d 7

- IgE reactivity
- Cross-reactivity
- Secondary structure
- Thermal stability
- Stability to digestion

C: Coomassie-stained gel
B: IgE immunoblot
MS: Mass spectrometry