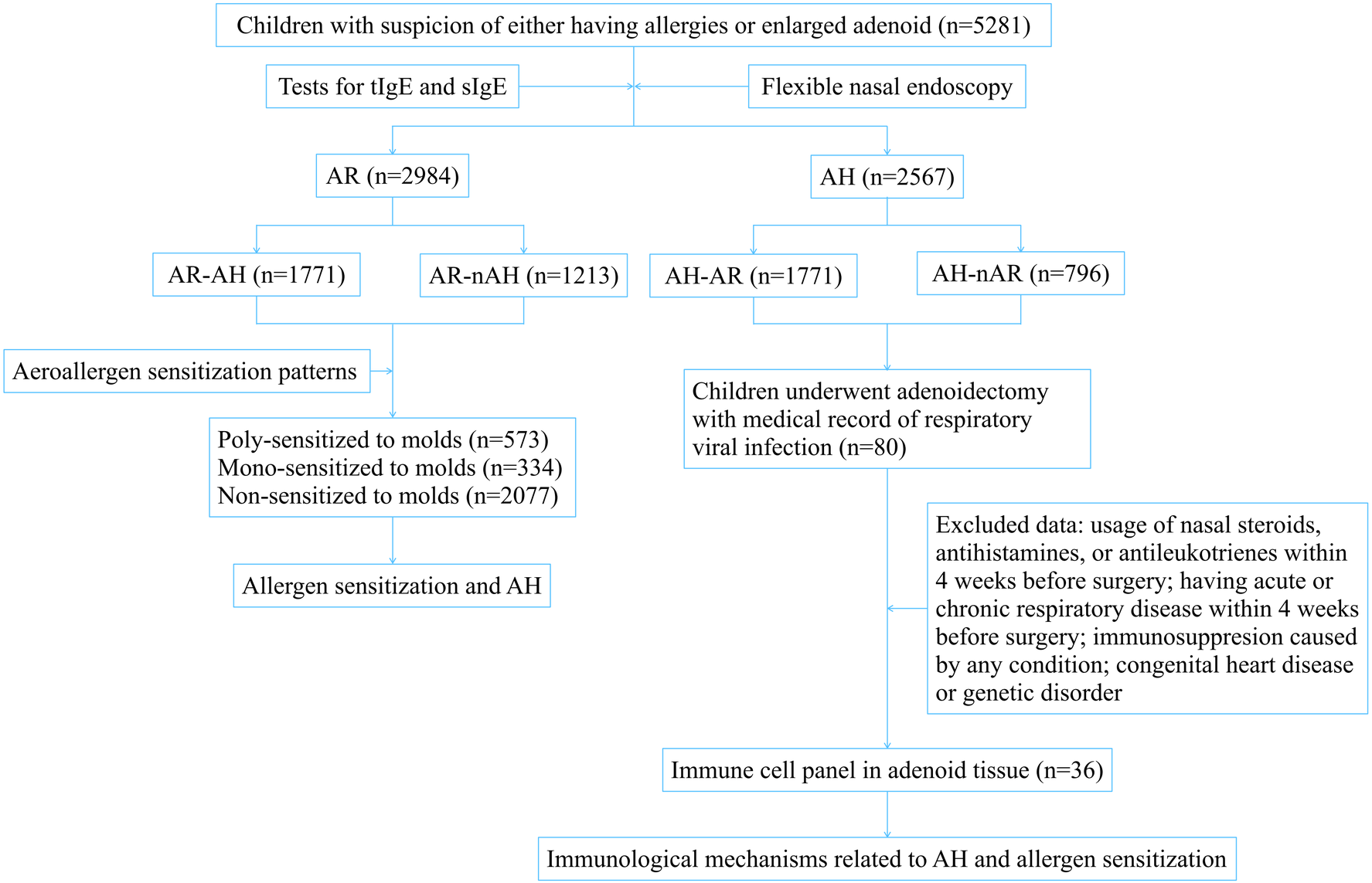
Children with suspicion of either having allergies or enlarged adenoid (n=5281)
Tests for tIgE and sIgE
Flexible nasal endoscopy
AR (n=2984)
AH (n=2567)
AR-AH (n=1771)
AR-nAH (n=1213)
AH-AR (n=1771)
AH-nAR (n=796)
Aeroallergen sensitization patterns
Poly-sensitized to molds (n=573)
Mono-sensitized to molds (n=334)
Non-sensitized to molds (n=2077)
Allergen sensitization and AH
Children underwent adenoidectomy with medical record of respiratory viral infection (n=80)
Excluded data: usage of nasal steroids, antihistamines, or antileukotrienes within 4 weeks before surgery; having acute or chronic respiratory disease within 4 weeks before surgery; immunosuppresion caused by any condition; congenital heart disease or genetic disorder
Immune cell panel in adenoid tissue (n=36)
Immunological mechanisms related to AH and allergen sensitization