

Table S1 Search terms used in PubMed

| Database | PubMed |
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| Date | Initial search: 04/23/2020 Most recent update: 01/21/2022 |
| Strategy | #1 AND #2 AND #3 <i>Table 1</i> and 2 #1 AND #4 <i>Table 3</i> and 4 (Eosinophilic esophagitis for <i>Tables 1</i> and 3) (Asthma or atopic dermatitis or chronic rhinosinusitis for <i>Tables 2</i> and 4) |
| #1 | "Eosinophilic esophagitis" or "Asthma" or "Atopic dermatitis" or "Chronic rhinosinusitis" |
| #2 | "Serum" or "Plasma" or "Blood" |
| #3 | "Biomarkers" or "Interleukin-5" or "Interleukin-13" or "Eotaxin-3" or "Periostin" or "Thymic stromal lymphopoietin" or "IgG4" or "Eosinophil count" or "IgE" or "Eosinophil cationic protein" or "Eosinophil-derived neurotoxin" or "Thymus and activation-regulated chemokine" or "15(S)-HETE" or "Transforming growth factor β 1" or "Major basic protein" |
| #4 | "Biological therapy" or "Mepolizumab" or "Reslizumab" or "Omalizumab" or "QAX576" or "RPC4046" or "Dupilumab" or "Infliximab" or "Benralizumab" or "Tezepelumab" or "Tralokinumab" or "Lebrikizumab" or "Fezakinumab" or "Nemolizumab" |