MINA EOS manuscript plan

What genes regulate eosinophil recruitment to the airway following an allergen challenge? What is the source of the recruitment: BAL, BE, or both?

1. I would like to see the dominant genes from either BAL and BE and in relationship to eosinophil recruitment.
2. What about the genes, BAL and BE, that had reduced expression and were these reduction in relationships to eosinophil recruitment. What about reciprocal relationships to eosinophil recruitment as well?
3. What genes from BAL and/or BE were associated with FeNO changes?
4. What genes were associated with eosinophil recruitment and FeNO increases, presumably indicating a functional effect.  Here a separation of BAL and BE will be of interest.

* 87% FEV1 cutoff for high/low?
* PMN cell assoc as well
* Baseline state pre-challenge to predict EOS and/or PMN recruitment upon challenge