

## **SUPPLEMENTARY MATERIAL**

### Limitations:

Only some patients from the MEGA cohort have data compiled about lung function and/or inflammatory biomarkers, the main objectives analyzed in this study. Therefore, our population is lower than the total MEGA cohort; one study limitation as a methacholine challenge was an inclusion criterion for MEGA; not all the patients have completed lung function, nor have inflammatory biomarkers measured. However, with our criteria selection, we ensured the correct evaluation of the selected parameters for two years even though the results could not represent all the studied patients. Follow-up visits have been made with the patient in the stable phase and never under an exacerbation. In this real-life study, antiasthma treatment was stable in all patients at evaluation times, except in five patients in which a biologic drug was added. Due to this low number of patients, this fact is not relevant considering the total sample.