

SUPPLEMENTARY MATERIAL

Figure S1: Basophil CD63 dose-response to 100 µg/mL (A), 10 µg/mL (B), 1 µg/mL (C), and 0.1 µg/mL (D) of the five egg extracts in egg allergic children. The values are expressed as means (95% confidence interval). CK: cake, HE: hard-boiled egg, OM: omelet, SE: soft-boiled egg, RE: raw egg. * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$, **** $p < 0.0001$.

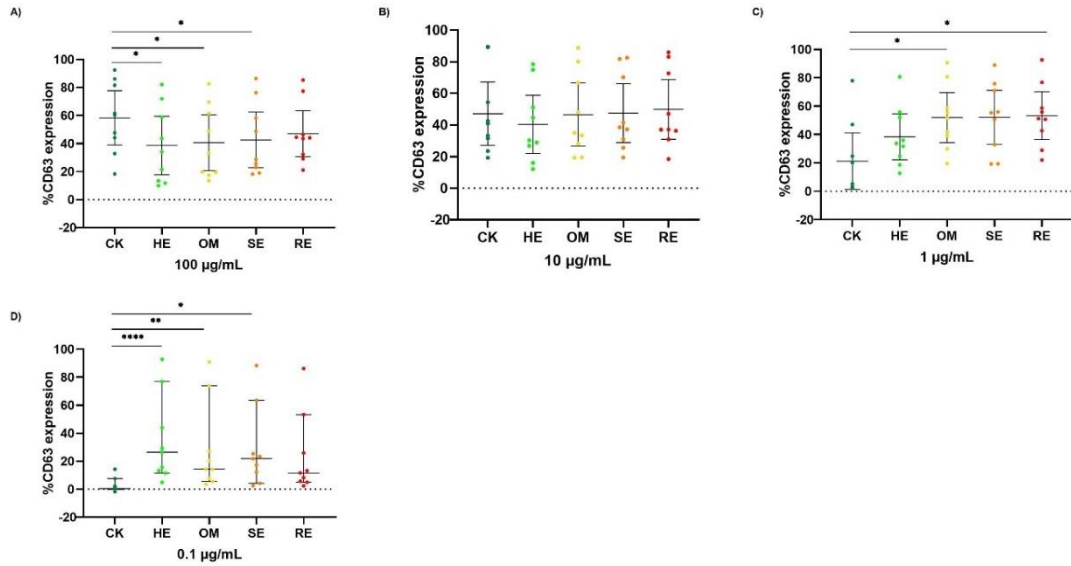


Figure S2: Basophil CD63 dose-response to cake (A), hard-boiled egg (B), omelet (C), soft-boiled egg (D), and raw egg (E) in egg allergic (red) and egg tolerant (green) children. The values are expressed as means (95% confidence interval). * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$, **** $p < 0.0001$.

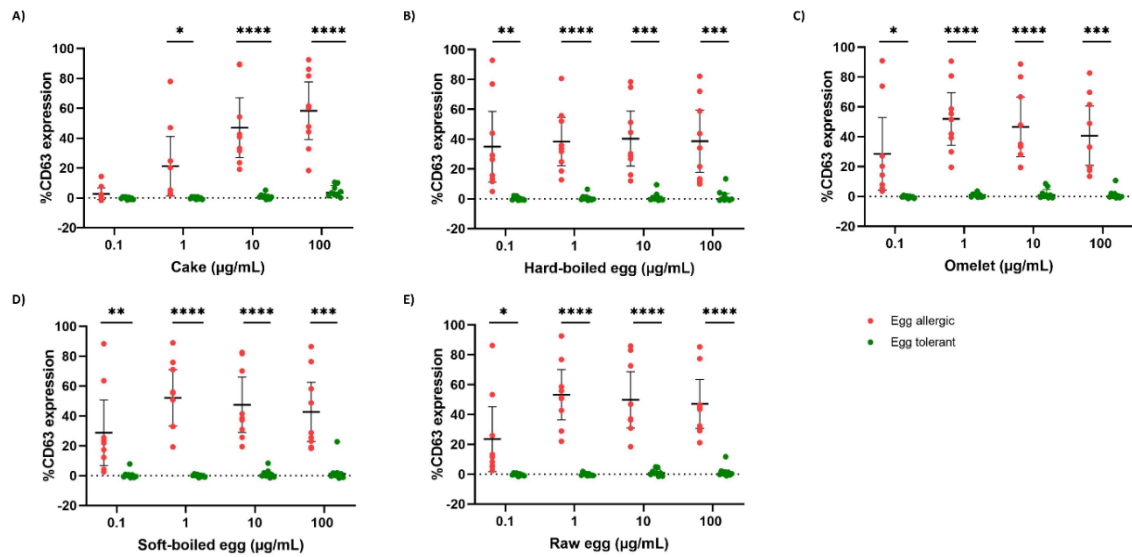


Figure S3: Area under the BAT CD63 dose-response curve (0.1-100 $\mu\text{g/mL}$) to cake (A), hard-boiled egg (B), omelet (C), soft-boiled egg (D), and raw egg (E) in egg allergic (red) and egg tolerant (green) children. Values are expressed as means (95% confidence interval). EA: egg allergic, ET: egg tolerant. *** $p < 0.001$, **** $p < 0.0001$.

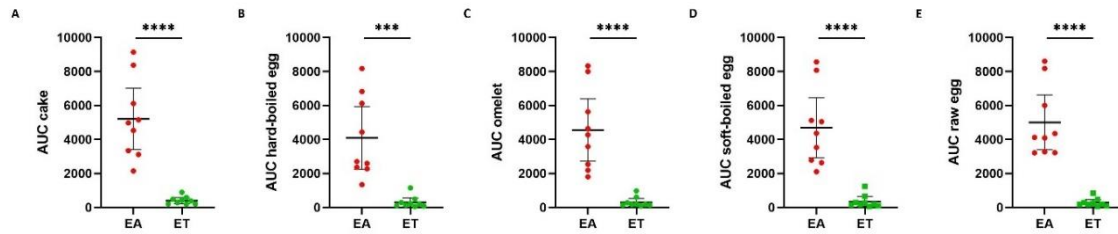


Figure S4: %CD63⁺ basophils after exposure to positive control stimuli during the study visits of the pre-TETI-II study. (A) pooled data, values are expressed as medians (interquartile range). (B) longitudinal values of individual patients. fMLP: formyl-methionyl-leucyl-phenylalanine, aIgE mono: monoclonal mouse anti-human IgE, aIgE poly: polyclonal goat anti-human IgE.

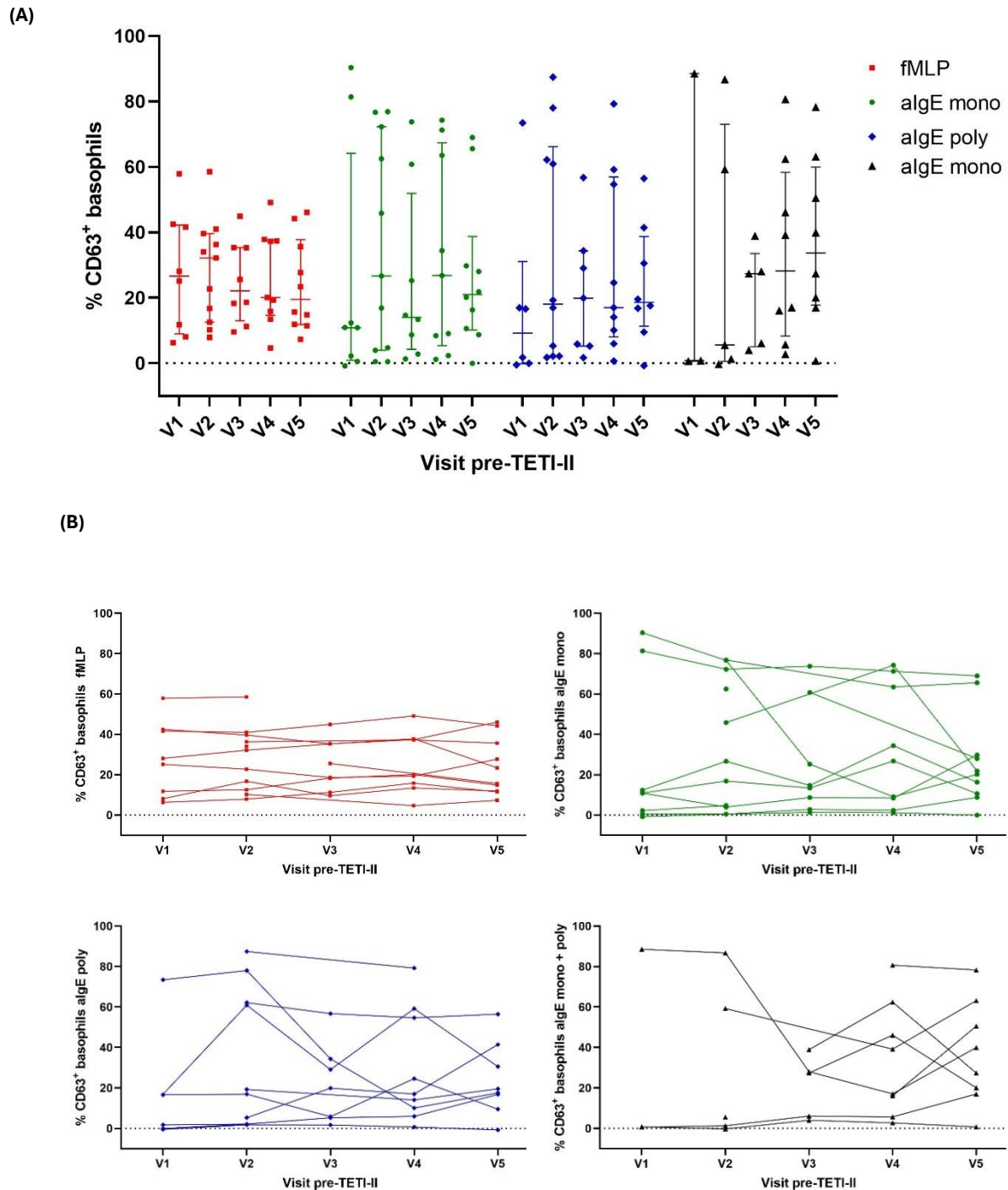


Figure S5: Area under the BAT CD63 dose-response curve to cake (A), hard-boiled egg (B), omelet (C), soft-boiled egg (D), and raw egg (E) during the first and last study visit of the pre-TETI-II study. Values are expressed as medians (interquartile range).

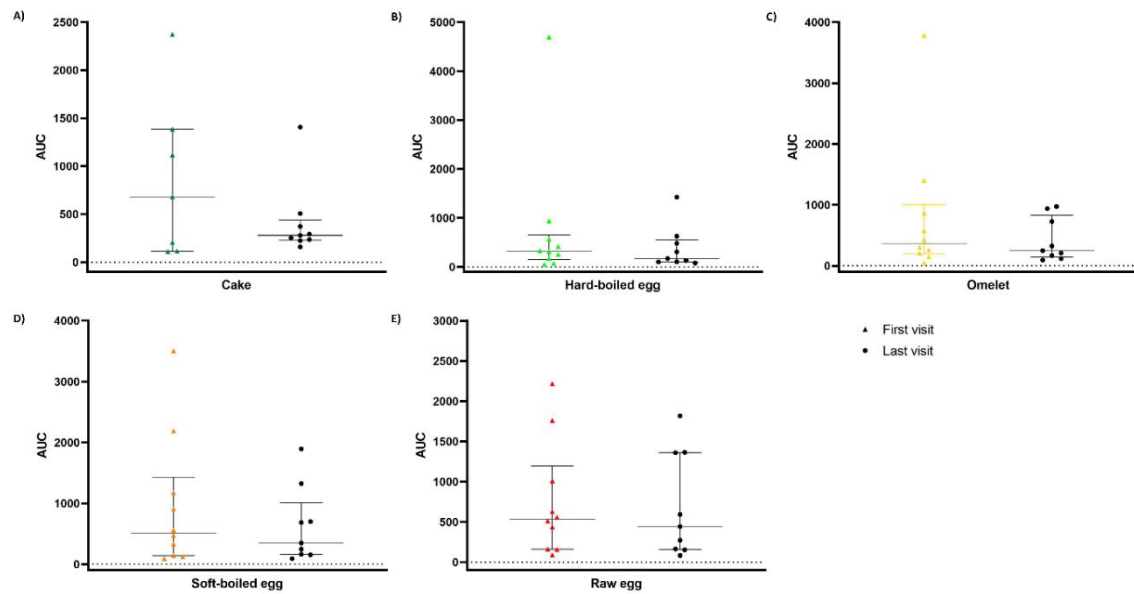


Figure S6: Evolution of sIgE levels to egg and egg components during the pre-TETI-II study. V: visit, OVA: ovalbumin, OVM: ovomucoid. Green: patient L8 (grade I reaction at V2). Red: patient L2 (grade II reaction at V4). Turquoise: patient L3 (recurrent grade I reaction to soft-boiled egg at home).

