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Information about the contributions of each person named as having participated in the study

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2) Authors who participated in the conception of the study: Jean-Baptiste Demoulin, Carmen P. Montano-Almendras, H el ene Schoemans and Laurent Knoops.

3) Design & Methods. The following authors were responsible for specific investigations (please detail):

- Carmen P. Montano-Almendras, H el ene Schoemans, Inci Varis, Dominique Latinne were responsible for CD34+ cell collection, purification and transduction
- Carmen P. Montano-Almendras was responsible for PCR and eosinophil analysis
- Ahmed Essaghir, Laurent Knoops and Jean-Baptiste Demoulin were responsible for microarrays and bioinformatics analysis

4) Results. The following authors were responsible for specific portions of the results, including figures and tables (please indicate the person responsible for each figure and each table):

- Carmen P. Montano-Almendras was responsible all figures and supplements.
- Laura A. No el and Am elie I. Velghe were responsible for additional experiments requested by the reviewers in figures 2,4,5 and supplements.
- Ahmed Essaghir was responsible for figure 3.

5) Writing the manuscript. The following authors were responsible for writing the manuscript:

- Jean-Baptiste Demoulin and Carmen P. Montano-Almendras were responsible for drawing the figures and writing the first draft.
- All authors improved the manuscript and approved the final version.

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