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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: Jürgen Kuball, Ellen Meijer, Saskia Ebeling

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

- Jürgen Kuball designed and supervised patient recruitment and all experiments.
- Suzanne van Dorp was responsible for recruiting patients and designing and patient data and lab data analysis and statistic analyses.
- Liane te Boome was responsible for recruiting patients and designing patient data analysis.
- Henrike Resemann was responsible for designing lab data analysis.
- Floor Pietersma and Debbie van Baarle provided unique controls and analyses of control data.
- Liane te Boome, Eefke Peterson, Monique Minnema, and Henk Lokhorst recruited and treated patients and provide intellectual contributions.

4) Results. The following authors were responsible for specific portions of the results, including figures and tables:

- Suzanne van Dorp was responsible for analyzing patient data (Table 1-2 and Suppl. Table 1-3) and the analysis of skin data (Figure 1C).
- Henrike Rezeman generated Figure 1A and 1B and Suzanne van Dorp supervised data.
- Scott J.P. Beijm, Edward F. Knol, were responsible for providing skin control data (Figure 1C).
- Marijke van Dijk and Suzanne van Dorp were responsible for histological analyses of all skin data (Figure 1C).
- Frits Gmelig-Meyling, Roel Weger provided chimerisms analyses and B-cell clonality analyses (as data not shown).

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

- Suzanne van Dorp, Henrike Resemann and Jürgen Kuball wrote the manuscript. All authors approved the finally revised manuscript.

6) **Contributors Listed in Acknowledgments:**

- Roche Nederland B.V. provided the study medication.
- Wilco de Jager (UMC Utrecht, The Netherlands) performed the multiplex immunoassay.
- Andries Bloem (UMC Utrecht, The Netherlands) critically read the manuscript.