

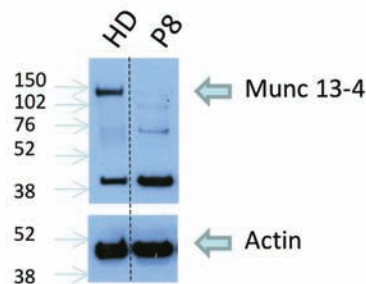
## Atypical familial hemophagocytic lymphohistiocytosis due to mutations in *UNC13D* and *STXBP2* overlaps with primary immunodeficiency diseases

Jan Rohr,<sup>1</sup> Karin Beutel,<sup>2</sup> Andrea Maul-Pavicic,<sup>3</sup> Thomas Vraetz,<sup>3</sup> Jens Thiel,<sup>3,4</sup> Klaus Warnatz,<sup>3,4</sup> Ilka Bondzio,<sup>3</sup> Ute Gross-Wieltsch,<sup>5</sup> Michael Schündeln,<sup>6</sup> Barbara Schütz,<sup>7</sup> Wilhelm Woessmann,<sup>8</sup> Andreas H. Groll,<sup>9</sup> Brigitte Strahm,<sup>1</sup> Julia Pagel,<sup>2</sup> Carsten Speckmann,<sup>1</sup> Gritta Janka,<sup>2</sup> Gillian Griffiths,<sup>10</sup> Klaus Schwarz,<sup>3,11</sup> Udo zur Stadt,<sup>12,13</sup> and Stephan Ehl<sup>3</sup>

<sup>1</sup>Centre of Pediatrics and Adolescent Medicine, University Medical Centre, Freiburg, Germany; <sup>2</sup>Department of Pediatric Hematology and Oncology, University Medical Centre, Hamburg-Eppendorf, Germany; <sup>3</sup>Centre of Chronic Immunodeficiency (CCI), University Medical Centre, Freiburg, Germany; <sup>4</sup>Division of Rheumatology and Clinical Immunology, University Medical Centre, Freiburg, Germany; <sup>5</sup>Pediatric Hematology, Oncology and Immunology, Klinikum Stuttgart/Olgahospital, Stuttgart, Germany; <sup>6</sup>Department of Hematology and Oncology, Centre of Pediatrics, University Medical Centre, Essen, Germany; <sup>7</sup>Centre of Pediatrics and Adolescent Medicine, University Medical Centre, Marburg, Germany; <sup>8</sup>Department of Hematology and Oncology, Centre of Pediatrics, University Medical Centre, Giessen, Germany; <sup>9</sup>Department of Hematology and Oncology, Centre of Pediatrics and Adolescent Medicine, University Medical Centre, Münster, Germany; <sup>10</sup>Cambridge Institute for Medical Research, Addenbrookes Hospital, Cambridge, United Kingdom; <sup>11</sup>Institute for Transfusion Medicine, University of Ulm and Institute for Clinical Transfusion Medicine and Immunogenetics, Ulm, Germany; <sup>12</sup>Centre for Diagnostics, University Medical Center, Hamburg-Eppendorf, Germany, and <sup>13</sup>Research Institute, Children's Cancer Center, Hamburg, Germany

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Online Supplementary Figure S1.



Munc13-4 Western blot: Cell lysates from PHA-blasts were run on a Pre-cast 4-12% Bis-tris gel (Invitrogen), transferred to nitrocellulose membrane then probed with goat anti-Munc13-4 (Everest Biotech Ltd) and mouse anti- $\beta$  actin (Sigma-Aldrich). HD = healthy control donor. P8 = patient 8. The lanes of the HD and P8 have been grouped from different parts of the same gel (as indicated by the dividing line).