



**Fig. S1.** (a) Immunohistochemistry of a skin biopsy from the left eye angle, showing a diffuse dermal CD4<sup>+</sup> lymphocytic infiltrate with >60% CD4<sup>+</sup> T cells. Magnification  $\times 100$ . (b) *In situ* hybridization of Epstein-Barr virus RNA (EBER) in the skin. (c, d) Double immunofluorescence staining of EBER (green) and (c) CD4 (red) and (d) CD79a (red). (e) *In situ* hybridization of EBV<sup>+</sup> NK/T-cell lymphoma of the liver with (f) highly increased proliferative activity; assessed by Ki67 staining.