### Supplementary Table 1. Summary and differential diagnosis

**Benign atypical intralymphatic CD30+ T-cell proliferation (10 cases)**
- 17～77 years (median 45 years)
- 9 cases: solitary erosion or ulceration, 1 case: multiple lesions with drug rash
- Size: 1～3 cm
- 9 cases: complete remission after excision or biopsy
- 1 case: complete remission after radiotherapy.
- Polyclonal or oligoclonal with TCR

**Intravascular anaplastic large cell lymphoma (8 cases)**
- 56～87 years (median 70 years)
- 5 cases: multiple nodules or plaques, 3 cases: single plaque or nodule
- Size: 1.2～12 cm
- 3 cases: alive with recurrence
- 2 cases: complete remission after chemotherapy
- 1 case: complete remission after steroid treatment
- 1 case: alive with persistent mycosis fungoides
- 1 case: status unknown

**Lymphomatoid papulosis-like T lymphoproliferative disease (3 cases)**
- 62～82 years (median 74 years)
- Multiple erythematous plaques or patches
- 2 cases: waxing and wane
- 1 case: recurrence after steroid treatment, and then self-resolution

TCR: T-cell receptor.