

Table SI. Patients' data and summary of results

Case (age, years/sex)	Site/lesion	Phenotype of neoplastic cells	TCR $\gamma$ clonality	Therapy/outcome (follow-up, months)
1 (43/F)	Chest/Solitary papule (6 mm)	PD-1 <sup>+</sup> /BCL6 <sup>pp</sup> /CXCL13 <sup>pp</sup> /ICOS <sup>pp</sup> /CXCR5 <sup>-</sup>	W/M, MD/M	Excision/Remission (36)
2 (27/M)	Trunk/Multifocal papules (<7 mm)	PD-1 <sup>+</sup> /BCL6 <sup>pp</sup> /CXCL13 <sup>pp</sup> /ICOS <sup>pp</sup> /CXCR5 <sup>-</sup>	W/M, MD/M	Cryosurgery/Dissemination (7)
3 (38/M)	Trunk/Multifocal papules (<8 mm)	PD-1 <sup>+</sup> /BCL6 <sup>pp</sup> /CXCL13 <sup>pp</sup> /ICOS <sup>pp</sup> /CXCR5 <sup>-</sup>	W/P, MD/M	Cryosurgery/Dissemination (8)
4 (62/M)	Chest/Solitary papule (6 mm)	PD-1 <sup>+</sup> /BCL6 <sup>pp</sup> /CXCL13 <sup>pp</sup> /ICOS <sup>pp</sup> /CXCR5 <sup>-</sup>	W/P, MD/M	Excision/Remission (5,5)
5 (80/M)	Back/Solitary papule (8 mm)	PD-1 <sup>+</sup> /BCL6 <sup>pp</sup> /CXCL13 <sup>pp</sup> /ICOS <sup>pp</sup> /CXCR5 <sup>-</sup>	W/M, MD/M	Excision/Remission (7)
6 (21/F)	Forehead/Solitary macule (8 mm)	PD-1 <sup>+</sup> /BCL6 <sup>pp</sup> /CXCL13 <sup>pp</sup> /ICOS <sup>pp</sup> /CXCR5 <sup>-</sup>	W/M, MD/M	Excision/Remission (9)
7 (57/F)	Trunk+Extremities/Papules (<10 mm)	PD-1 <sup>+</sup> /BCL6 <sup>pp</sup> /CXCL13 <sup>pp</sup> /ICOS <sup>pp</sup> /CXCR5 <sup>-</sup>	W/M, MD/M	Spontaneous remission (1)
8 (47/M)	Scalp/Solitary plaque (20 mm)	PD-1 <sup>+</sup> /BCL6 <sup>pp</sup> /CXCL13 <sup>pp</sup> /ICOS <sup>pp</sup> /CXCR5 <sup>-</sup>	W/P, MD/M	Excision/Remission (7)
9 (73/F)	Back/Solitary nodule (11 mm)	PD-1 <sup>+</sup> /BCL6 <sup>pp</sup> /CXCL13 <sup>pp</sup> /ICOS <sup>pp</sup> /CXCR5 <sup>-</sup>	W/M, MD/M	Excision/Remission (3)
10 (49/M)	Scalp/Solitary papule (6 mm)	PD-1 <sup>+</sup> /BCL6 <sup>pp</sup> /CXCL13 <sup>pp</sup> /ICOS <sup>pp</sup> /CXCR5 <sup>-</sup>	W/M, MD/M	Excision/Remission (4)
11 (59/M)	Face/Solitary papule (9 mm)	PD-1 <sup>+</sup> /BCL6 <sup>pp</sup> /CXCL13 <sup>pp</sup> /ICOS <sup>pp</sup> /CXCR5 <sup>-</sup>	W/M	Excision/Remission (6)
12 (37/M)	Trunk/Solitary papule (8 mm)	PD-1 <sup>+</sup> /BCL6 <sup>pp</sup> /CXCL13 <sup>pp</sup> /ICOS <sup>pp</sup> /CXCR5 <sup>-</sup>	W/M	Excision/Remission (1)
13 (67/M)	Axilla/Solitary papule (7 mm)	PD-1 <sup>+</sup> /BCL6 <sup>pp</sup> /CXCL13 <sup>pp</sup> /ICOS <sup>pp</sup> /CXCR5 <sup>-</sup>	W/M	Excision/Remission (3)

<sup>+</sup>positive; <sup>pp</sup>partially positive; <sup>-</sup>negative; TCR $\gamma$  T-cell receptor gamma; W: whole section extract; MD: microdissected PD-1<sup>+</sup> clusters; M: monoclonal; P: polyclonal.