

Table SI. Histopathological characteristics of cutaneous squamous cell carcinomas (cSCC)

Characteristics	No disease progression (n=207)	Local recurrence (n=11)	Metastasis (n=7)
Tumour thickness (mm)			
Mean, range	3.4 (0.4–18.5)	5.5 (1.1–10.0)	5.9 (2.2–13.0)
Median	2.8	6.0	5.0
Invasion deeper structures			
Yes	10 (4.8)	2 (18.2)	4 (57.1)
Muscle	7 (3.4)	1 (9.1)	1 (25.0)
Cartilage	2 (2.3)	1 (9.1)	2 (50.0)
Muscle and cartilage	0 (0.0)	0 (0.0)	1 (25.0)
Salivary gland	1 (0.5)	0 (0.0)	0 (0.0)
Bone	0 (0.0)	0 (0.0)	0 (0.0)
No	200 (95.2)	9 (81.8)	3 (42.9)
Tumour differentiation			
Good	61 (29.5)	3 (27.3)	2 (28.6)
Moderate	139 (67.1)	7 (63.6)	2 (28.6)
Poor	7 (3.4)	1 (9.1)	3 (42.9)
Perineural invasion			
Yes	16 (7.7)	2 (18.2)	2 (28.6)
No	191 (92.3)	9 (81.28)	5 (71.4)
Angio-invasion			
Yes	2 (1.0)	0 (0.0)	0 (0.0)
No	205 (99.0)	11 (100.0)	7 (100.0)
Subtype cSCC			
Horn forming	201 (97.0)	10 (90.9)	7 (100.0)
Acantholytic	2 (1.0)	0 (0.0)	0 (0.0)
Basosquamous	2 (1.0)	0 (0.0)	0 (0.0)
Verrucous	2 (1.0)	0 (0.0)	0 (0.0)
Spindle cell	0 (0.0)	1 (9.1)	0 (0.0)
Desmoplastic	0 (0.0)	0 (0.0)	0 (0.0)
Desmoplasia			
Yes	170 (82.1)	10 (90.9)	7 (100.0)
No	37 (17.9)	1 (9.1)	0 (0.0)
Inflammation			
Lymphocytes	157 (75.8)	11 (100.0)	5 (71.4)
Plasma cells	90 (43.5)	8 (72.7)	4 (57.1)
Eosinophil granulocytes	56 (27.1)	5 (45.5)	1 (14.3)
Neutrophil granulocytes	38 (18.4)	1 (9.1)	0 (0.0)
Histiocytes	147 (71.5)	10 (90.9)	5 (71.4)
No	4 (1.9)	0 (0.0)	0 (0.0)
Ulceration			
Yes	66 (31.9)	5 (45.5)	3 (42.9)
No	141 (68.1)	6 (54.5)	4 (57.1)
Necrosis			
Yes	43 (20.8)	4 (36.4)	2 (28.6)
No	164 (79.2)	7 (63.6)	5 (71.4)
cSCC surrounded by AK			
Yes	113 (54.6)	7 (63.6)	3 (42.9)
No	94 (54.6)	4 (36.4)	4 (57.1)
Growth pattern			
Endophytic	184 (88.9)	11 (100.0)	7 (100.0)
Exophytic	23 (11.1)	0 (0.0)	0 (0.0)
Infiltrative growth			
Yes	77 (37.2)	5 (45.5)	5 (71.4)
No	130 (62.8)	6 (54.5)	2 (28.6)
Epidermal resection margins, mm			
Mean, range	3.8 (0–13.0)	3.0 (0–7.8)	4.7 (1.0–7.8)
Positive margins	16 (7.7)	2 (18.2)	0 (0.0)
Deep resection margins, mm			
Mean, range	2.5 (0–14.0)	1.7 (0–4.0)	0.9 (0–4.2)
Positive margins	16 (7.7)	1 (9.1)	2 (28.6)

Data are given as number of patients and %, unless indicated otherwise.

AK: actinic keratosis.