Pawar et. al., 2013. Downregulation of calcium binding protein S100A9 in Esophageal Squamous Cell Carcinoma. Supplementary Table 1. Summary of IHC labeling for S100A9.

Catalog	Position	Sex	Age	Pathology	Grade	TNM	Score
FolioBio	A1	М	69	Squamous cell carcinoma	I	T3N0M 0	Few well differentiated keratinized tumor cell 1.5+
FolioBio	A2	М	69	Cancer adjacent normal esophageal tissue (chronic inflammation of mucosa)	-	-	1+
FolioBio	А3	М	56	Squamous cell carcinoma	I	T3N0M 0	Few well differentiated keratinized tumor cell 1.5+
FolioBio	A4	М	56	Cancer adjacent normal esophageal tissue	-	-	2+
FolioBio	A5	М	62	Squamous cell carcinoma	II	T3N0M 0	Dysplasia 2+
FolioBio	A6	М	62	Cancer adjacent normal esophageal tissue	-	-	1.5+
FolioBio	A7	М	58	Squamous cell carcinoma	I	T3N0M 0	Few well differentiated keratinized tumor cell 1.5+
FolioBio	A8	М	58	Cancer adjacent normal esophageal tissue (chronic inflammation of mucosa)	-	-	0.5+
FolioBio	A9	М	46	Squamous cell carcinoma	1	T3N0M 0	Keratinizing carcinoma 1.5+
FolioBio	A10	М	46	Cancer adjacent normal esophageal tissue	-	-	0.5+
FolioBio	B1	М	43	Squamous cell carcinoma	1	T2N0M 0	Few well differentiated keratinized tumor cell 1.5+
FolioBio	B2	М	43	Cancer adjacent normal esophageal tissue	-	-	1+
FolioBio	В3	F	61	Squamous cell carcinoma	I	T3N0M 0	Few well differentiated keratinized tumor cell 1+
FolioBio	B4	F	61	Cancer adjacent normal esophageal tissue	-	-	2+

Pawar et. al., 2013. Downregulation of calcium binding protein S100A9 in Esophageal Squamous Cell Carcinoma. Supplementary Table 1. Summary of IHC labeling for S100A9.

Catalog	Position	Sex	Age	Pathology	Grade	TNM	Score
FolioBio	B5	М	62	Squamous cell carcinoma	II	T2N0M 0	-
FolioBio	B6	М	62	Cancer adjacent normal esophageal tissue	-	-	1.5+
FolioBio	B7	М	50	Squamous cell carcinoma	I	T2N1M 0	Well differentiated keratinized tumor cell 1.5+
FolioBio	B8	М	50	Cancer adjacent normal esophageal tissue	-	-	2+
FolioBio	В9	М	68	Squamous cell carcinoma	II	T2N0M 0	Few well differentiated keratinized tumor cell 1.5+
FolioBio	B10	М	68	Cancer adjacent normal esophageal tissue	-	-	2+
FolioBio	C1	М	65	Squamous cell carcinoma	I	T3N0M 0	Well differentiated keratinized tumor cell 1.5+
FolioBio	C2	М	65	Cancer adjacent normal esophageal tissue	-	-	1+
FolioBio	C3	М	50	Squamous cell carcinoma	II	T2N0M 0	Few well differentiated keratinized tumor cell 2+
FolioBio	C4	М	50	Cancer adjacent normal esophageal tissue	-	-	1.5+
FolioBio	C5	М	60	Squamous cell carcinoma	II	T1N0M 0	-
FolioBio	C6	М	60	Cancer adjacent normal esophageal tissue	-	-	2+
FolioBio	C7	F	49	Squamous cell carcinoma	II	T3N0M 0	Keratinizing carcinoma 2+
FolioBio	C8	F	49	Cancer adjacent normal esophageal tissue	-	-	1.5+
FolioBio	C9	F	59	Squamous cell carcinoma	II	T3N1M 0	-
FolioBio	C10	F	59	Cancer adjacent normal esophageal tissue	-	-	1+

Pawar et. al., 2013. Downregulation of calcium binding protein S100A9 in Esophageal Squamous Cell Carcinoma. Supplementary Table 1. Summary of IHC labeling for S100A9.

Catalog	Position	Sex	Age	Pathology	Grade	TNM	Score
FolioBio	D1	М	43	Squamous cell carcinoma	II	T3N0M 0	Few well differentiated keratinized tumor cell 1+
FolioBio	D2	М	43	Cancer adjacent normal esophageal tissue (chronic inflammation of mucosa)	-	-	1.5+
FolioBio	D3	М	62	Squamous cell carcinoma	II	T2N2M 0	-
FolioBio	D4	М	62	Cancer adjacent normal esophageal tissue (sparse mucosa)	-	-	1.5+
FolioBio	D5	М	62	Squamous cell carcinoma	III	T2N0M 0	-
FolioBio	D6	М	62	Cancer adjacent normal esophageal tissue	-	-	1.5+
FolioBio	D7	F	60	Squamous cell carcinoma	II	T3N1M 0	Few well differentiated keratinized tumor cell 1+
FolioBio	D8	F	60	Cancer adjacent normal esophageal tissue (chronic inflammation of mucosa)	-	-	2+
FolioBio	D9	F	54	Squamous cell carcinoma	11	T1N0M 0	-
FolioBio	D10	F	54	Cancer adjacent normal esophageal tissue	-	-	2+
FolioBio	E1	М	48	Squamous cell carcinoma	II	T3N0M 0	Well differentiated keratinized tumor cell 2+
FolioBio	E2	М	48	Cancer adjacent normal esophageal tissue	-	-	1.5+
FolioBio	E3	М	57	Squamous cell carcinoma	III	T2N0M 0	-
FolioBio	E4	М	57	Cancer adjacent normal esophageal tissue	-	-	2+
FolioBio	E5	М	58	Squamous cell carcinoma	II	T3N0M 0	-

Pawar et. al., 2013. Downregulation of calcium binding protein S100A9 in Esophageal Squamous Cell Carcinoma. Supplementary Table 1. Summary of IHC labeling for S100A9.

Catalog	Position	Sex	Age	Pathology	Grade	TNM	Score
FolioBio	E6	М	58	Cancer adjacent normal esophageal tissue	ı	-	1.5+
FolioBio	E7	F	53	Squamous cell carcinoma	III	T2N0M 0	-
FolioBio	E8	F	53	Cancer adjacent normal esophageal tissue (chronic inflammation of mucosa)	-	-	1.5+
FolioBio	E9	F	56	Squamous cell carcinoma	II	T3N0M 0	Few well differentiated keratinized tumor cell 1.5+
FolioBio	E10	F	56	Cancer adjacent normal esophageal tissue	1	-	2+
FolioBio	F1	M	76	Squamous cell carcinoma	II	T3N0M 0	Few well differentiated keratinized tumor cell 1+
FolioBio	F2	М	76	Cancer adjacent normal esophageal tissue (chronic inflammation of mucosa)	-	ı	2+
FolioBio	F3	М	60	Squamous cell carcinoma (sparse esophagus tissue)	I	T2N0M 0	Well differentiated keratinized tumor cell 1.5+
FolioBio	F4	М	60	Cancer adjacent normal esophageal tissue	ı	-	1.5+
FolioBio	F5	М	53	Squamous cell carcinoma	II	T3N0M 0	Few well differentiated keratinized tumor cell 1+
FolioBio	F6	М	53	Cancer adjacent normal esophageal tissue	-	-	2+
FolioBio	F7	F	49	Carcinoma in situ	-	T2N0M 0	Dysplastic 1+
FolioBio	F8	F	49	Cancer adjacent normal esophageal tissue (chronic inflammation of mucosa)	-	-	1.5+
FolioBio	F9	F	62	Squamous cell carcinoma	II	T3N0M 0	Few well differentiated keratinized tumor cell 1.5+

Pawar et. al., 2013. Downregulation of calcium binding protein S100A9 in Esophageal Squamous Cell Carcinoma. Supplementary Table 1. Summary of IHC labeling for S100A9.

Catalog	Position	Sex	Age	Pathology	Grade	TNM	Score
FolioBio	F10	F	62	Cancer adjacent normal esophageal tissue	ı	-	2.5+
FolioBio	G1	F	48	Squamous cell carcinoma	Ш	T3N0M 0	Few well differentiated keratinized tumor cell 2+
FolioBio	G2	F	48	Cancer adjacent normal esophageal tissue (smooth muscle and mucous gland tissue)	-	-	Very little epithelium
FolioBio	G3	М	57	Squamous cell carcinoma	I	T3N0M 0	-
FolioBio	G4	M	57	Cancer adjacent normal esophageal tissue (fibrous tissue, blood vessel and smooth muscle tissue)	1	-	Very little epithelium
FolioBio	G5	М	45	Squamous cell carcinoma	III	T2N0M 0	-
FolioBio	G6	М	45	Cancer adjacent normal esophageal tissue (smooth muscle tissue)	1	-	Very little epithelium
FolioBio	G7	F	55	Squamous cell carcinoma	III	T1N0M 0	-
FolioBio	G8	F	55	Cancer adjacent normal esophageal tissue	-	-	1+
FolioBio	G9	F	53	Squamous cell carcinoma	III	T3N1M 0	-
FolioBio	G10	F	53	Cancer adjacent normal esophageal tissue	-	-	2+
FolioBio	H1	М	68	Squamous cell carcinoma	III	T3N0M 0	-
FolioBio	H2	М	68	Cancer adjacent normal esophageal tissue (chronic inflammation of mucosa)	-	-	1.5+
FolioBio	НЗ	М	64	Squamous cell carcinoma	II	T3N0M 0	-

Pawar et. al., 2013. Downregulation of calcium binding protein S100A9 in Esophageal Squamous Cell Carcinoma. Supplementary Table 1. Summary of IHC labeling for S100A9.

Catalog	Position	Sex	Age	Pathology	Grade	TNM	Score
FolioBio	H4	М	64	Cancer adjacent normal esophageal tissue	-	-	1+
FolioBio	H5	М	55	Squamous cell carcinoma	III	T2N0M 0	-
FolioBio	H6	М	55	Cancer adjacent normal esophageal tissue	-	-	1+
FolioBio	H7	F	63	Squamous cell carcinoma	III	T3N0M 0	-
FolioBio	H8	F	63	Cancer adjacent normal esophageal tissue (chronic inflammation of mucosa)	-	-	2+
FolioBio	H9	F	54	Squamous cell carcinoma	III	T3N0M 0	-
FolioBio	H10	F	54	Cancer adjacent normal esophageal tissue	-	-	1.5+
U.S. Biomax	A1	М	57	Squamous cell carcinoma	II	N.A	Few well differentiated keratinized tumor cell 1.5+
U.S. Biomax	A2	М	57	Cancer adjacent tissue	-	N.A	2+
U.S. Biomax	A3	F	49	Squamous cell carcinoma	II	N.A	-
U.S. Biomax	A4	F	49	Cancer adjacent tissue (chronic inflammation)	-	N.A	1.5+
U.S. Biomax	A5	F	50	Squamous cell carcinoma (sparse)	III	N.A	-
U.S. Biomax	A6	F	50	Cancer adjacent tissue	-	N.A	2+
U.S. Biomax	A7	М	57	Squamous cell carcinoma	I	N.A	Few well differentiated keratinized tumor cell 1.5+
U.S. Biomax	A8	М	57	Cancer adjacent tissue (hyperplasia of squamous epithelium)	-	N.A	1+
U.S. Biomax	A9	М	58	Squamous cell carcinoma	ll	N.A	-
U.S. Biomax	A10	М	58	Cancer adjacent tissue	-	N.A	1+
U.S. Biomax	A11	М	60	Squamous cell carcinoma	ll l	N.A	-
U.S. Biomax	A12	М	60	Cancer adjacent tissue (chronic inflammation)	-	N.A	1.5+

Pawar et. al., 2013. Downregulation of calcium binding protein S100A9 in Esophageal Squamous Cell Carcinoma. Supplementary Table 1. Summary of IHC labeling for S100A9.

Catalog	Position	Sex	Age	Pathology	Grade	TNM	Score
U.S. Biomax	B1	М	48	Squamous cell carcinoma	I	N.A	Few well differentiated keratinized tumor cell 2+
U.S. Biomax	B2	М	48	Cancer adjacent tissue (chronic inflammation)	ı	N.A	1.5+
U.S. Biomax	В3	М	44	Squamous cell carcinoma	=	N.A	Few well differentiated keratinized tumor cell 1.5+
U.S. Biomax	B4	М	44	Cancer adjacent tissue	-	N.A	2+
U.S. Biomax	B5	М	49	Squamous cell carcinoma	=	N.A	-
U.S. Biomax	B6	М	49	Squamous cell carcinoma in situ	-	N.A	2+
U.S. Biomax	B7	М	52	Squamous cell carcinoma (sparse)	III	N.A	-
U.S. Biomax	B8	М	52	Cancer adjacent tissue (chronic inflammation)	-	N.A	1+
U.S. Biomax	B9	F	72	Squamous cell carcinoma	ll l	N.A	-
U.S. Biomax	B10	F	72	Cancer adjacent tissue	-	N.A	1+
U.S. Biomax	B11	F	65	Squamous cell carcinoma	Ι	N.A	Few well differentiated keratinized tumor cell 1+
U.S. Biomax	B12	F	65	Cancer adjacent tissue (chronic inflammation)	-	N.A	1+
U.S. Biomax	C1	М	70	Squamous cell carcinoma	III	N.A	-
U.S. Biomax	C2	М	70	Cancer adjacent tissue (chronic inflammation of smooth muscle)	-	N.A	Very little epithelium
U.S. Biomax	C3	М	72	Squamous cell carcinoma	II	N.A	-
U.S. Biomax	C4	М	72	Cancer adjacent tissue (hyperplasia of squamous epithelium)	-	N.A	2+
U.S. Biomax	C5	F	63	Squamous cell carcinoma	III	N.A	-
U.S. Biomax	C6	F	63	Cancer adjacent tissue (smooth muscle)	-	N.A	Very little epithelium
U.S. Biomax	C 7	F	50	Cancer adjacent tissue (moderate atypical hyperplasia of epithelium)	-	N.A	Few well differentiated keratinized tumor cell 1.5+
U.S. Biomax	C8	F	50	Cancer adjacent tissue (chronic inflammation with severe atypical hyperplasia of epithelium)	-	N.A	1+

Pawar et. al., 2013. Downregulation of calcium binding protein S100A9 in Esophageal Squamous Cell Carcinoma. Supplementary Table 1. Summary of IHC labeling for S100A9.

Catalog	Position	Sex	Age	Pathology	Grade	TNM	Score
U.S. Biomax	C9	F	53	Squamous cell carcinoma	II	N.A	Few well differentiated keratinized tumor cell 1+
U.S. Biomax	C10	F	53	Cancer adjacent tissue	-	N.A	1+
U.S. Biomax	C11	М	53	Squamous cell carcinoma	I	N.A	Few well differentiated keratinized tumor cell 2+
U.S. Biomax	C12	М	53	Cancer adjacent tissue	-	N.A	1.5+
U.S. Biomax	D1	М	51	Squamous cell carcinoma	II	N.A	-
U.S. Biomax	D2	М	51	Cancer adjacent tissue (chronic inflammation of smooth muscle)	-	N.A	Very little epithelium
U.S. Biomax	D3	M	62	Cancer adjacent tissue (chronic inflammation with mild atypical hyperplasia of epithelium)	-	N.A	-
U.S. Biomax	D4	М	62	Cancer adjacent tissue (chronic inflammation with hyperplasia of epithelium)	-	N.A	2+
U.S. Biomax	D5	F	49	Squamous cell carcinoma	III	N.A	-
U.S. Biomax	D6	F	49	Cancer adjacent tissue	-	N.A	2+
U.S. Biomax	D7	М	55	Squamous cell carcinoma	II	N.A	-
U.S. Biomax	D8	M	55	Cancer adjacent tissue (chronic inflammation with hyperplasia of epithelium)	-	N.A	2.5+
U.S. Biomax	D9	М	50	Squamous cell carcinoma	I	N.A	Few well differentiated keratinized tumor cell 1+
U.S. Biomax	D10	M	50	Cancer adjacent tissue (chronic inflammation with hyperplasia of epithelium)	-	N.A	2+
U.S. Biomax	D11	М	43	Squamous cell carcinoma	II	N.A	-
U.S. Biomax	D12	М	43	Cancer adjacent tissue	-	N.A	2+
U.S. Biomax	E1	М	57	Squamous cell carcinoma	ll l	N.A	-
U.S. Biomax	E2	М	57	Cancer adjacent tissue	-	N.A	2+
U.S. Biomax	E3	M	59	Squamous cell carcinoma	I	N.A	-
U.S. Biomax	E4	M	59	Squamous cell carcinoma	I	N.A	-

Pawar et. al., 2013. Downregulation of calcium binding protein S100A9 in Esophageal Squamous Cell Carcinoma. Supplementary Table 1. Summary of IHC labeling for S100A9.

Catalog	Position	Sex	Age	Pathology	Grade	TNM	Score
U.S. Biomax	E5	М	72	Squamous cell carcinoma	III	N.A	-
U.S. Biomax	E6	М	72	Cancer adjacent tissue	-	N.A	1.5+
U.S. Biomax	E7	М	70	Squamous cell carcinoma	III	N.A	-
U.S. Biomax	E8	М	70	Cancer adjacent tissue	-	N.A	2+
U.S. Biomax	E9	М	63	Squamous cell carcinoma (sparse)	III	N.A	-
U.S. Biomax	E10	М	63	Cancer adjacent tissue	-	N.A	2+
U.S. Biomax	E11	F	50	Squamous cell carcinoma	II	N.A	Few well differentiated keratinized tumor cell 1+
U.S. Biomax	E12	F	50	Cancer adjacent tissue (smooth muscle)	-	N.A	Very little epithelium
U.S. Biomax	F1	М	68	Squamous cell carcinoma	III	N.A	-
U.S. Biomax	F2	М	68	Cancer adjacent tissue (chronic inflammation with atypical hyperplasia of epithelium and canceration)	-	N.A	2+
U.S. Biomax	F3	F	60	Squamous cell carcinoma	III	N.A	-
U.S. Biomax	F4	F	60	Cancer adjacent tissue (chronic inflammation)	ı	N.A	2+
U.S. Biomax	F5	М	65	Squamous cell carcinoma	III	N.A	-
U.S. Biomax	F6	М	65	Squamous cell carcinoma in situ	-	N.A	Dysplasia 2.5+
U.S. Biomax	F7	F	50	Squamous cell carcinoma		N.A	-
U.S. Biomax	F8	F	50	Cancer adjacent tissue	-	N.A	2
U.S. Biomax	F9	М	49	Early infiltrating squamous cell carcinoma	II	N.A	Few well differentiated keratinized tumor cell 1+
U.S. Biomax	F10	М	49	Cancer adjacent tissue	-	N.A	2.5+
U.S. Biomax	F11	М	58	Squamous cell carcinoma		N.A	-
U.S. Biomax	F12	М	58	Cancer adjacent tissue	-	N.A	2.5+
U.S. Biomax	G1	М	78	Squamous cell carcinoma	III	N.A	-
U.S. Biomax	G2	М	78	Cancer adjacent tissue (chronic inflammation)	-	N.A	2.5+
U.S. Biomax	G3	М	56	Squamous cell carcinoma	III	N.A	-
U.S. Biomax	G4	М	56	Squamous cell carcinoma	III	N.A	-
U.S. Biomax	G5	М	55	Squamous cell carcinoma	II	N.A	-

Pawar et. al., 2013. Downregulation of calcium binding protein S100A9 in Esophageal Squamous Cell Carcinoma. Supplementary Table 1. Summary of IHC labeling for S100A9.

Catalog	Position	Sex	Age	Pathology	Grade	TNM	Score
U.S. Biomax	G6	М	55	Squamous cell carcinoma in situ	-	N.A	1.5+
U.S. Biomax	G7	М	60	Squamous cell carcinoma	III	N.A	-
U.S. Biomax	G8	М	60	Cancer adjacent tissue	-	N.A	2+
U.S. Biomax	G9	М	61	Squamous cell carcinoma	III	N.A	-
U.S. Biomax	G10	М	61	Cancer adjacent tissue (chronic inflammation)	-	N.A	2.5+
U.S. Biomax	G11	М	46	Squamous cell carcinoma	=	N.A	-
U.S. Biomax	G12	М	46	Cancer adjacent tissue (focal mild atypical hyperplasia of squamous epithelium)	1	N.A	2.5+
U.S. Biomax	H1	M	57	Squamous cell carcinoma	III	N.A	-
U.S. Biomax	H2	М	57	Squamous cell carcinoma	III	N.A	-
U.S. Biomax	Н3	M	57	Squamous cell carcinoma	II	N.A	•
U.S. Biomax	H4	M	57	Squamous cell carcinoma	III	N.A	•
U.S. Biomax	H5	М	57	Squamous cell carcinoma	II	N.A	-
U.S. Biomax	H6	М	57	Cancer adjacent tissue (chronic inflammation with hyperplasia of epithelium)		N.A	2+
U.S. Biomax	H7	М	61	Squamous cell carcinoma	III	N.A	-
U.S. Biomax	H8	М	61	Cancer adjacent tissue	-	N.A	2+
U.S. Biomax	H9	М	48	Squamous cell carcinoma	III	N.A	-
U.S. Biomax	H10	М	48	Cancer adjacent tissue (moderate atypical hyperplasia of squamous epithelium)	1	N.A	3+
U.S. Biomax	H11	М	59	Squamous cell carcinoma	II	N.A	•
U.S. Biomax	H12	М	59	Cancer adjacent tissue (chronic inflammation with moderate atypical hyperplasia of epithelium)	-	N.A	1.5+
U.S. Biomax	l1	М	49	Squamous cell carcinoma	III	N.A	-
U.S. Biomax	12	М	49	Cancer adjacent tissue (gland and chronic inflammation of smooth muscle)	-	N.A	2+

Pawar et. al., 2013. Downregulation of calcium binding protein S100A9 in Esophageal Squamous Cell Carcinoma. Supplementary Table 1. Summary of IHC labeling for S100A9.

Catalog	Position	Sex	Age	Pathology	Grade	TNM	Score
U.S. Biomax	13	M	62	Squamous cell carcinoma	III	N.A	-
U.S. Biomax	14	M	62	Squamous cell carcinoma	III	N.A	-
U.S. Biomax	15	М	72	Squamous cell carcinoma	III	N.A	-
U.S. Biomax	16	М	72	Cancer adjacent tissue (chronic inflammation)	-	N.A	2+
U.S. Biomax	17	М	74	Squamous cell carcinoma	III	N.A	-
U.S. Biomax	18	М	74	Cancer adjacent tissue (chronic inflammation)	-	N.A	1+
U.S. Biomax	19	М	58	Squamous cell carcinoma	ll	N.A	-
U.S. Biomax	I10	М	58	Cancer adjacent tissue	-	N.A	2.5+
U.S. Biomax	l11	М	73	Squamous cell carcinoma	III	N.A	-
U.S. Biomax	l12	М	73	Cancer adjacent tissue (chronic inflammation with hyperplasia of epithelium)	-	N.A	2.5+
U.S. Biomax	J1	F	57	Carcinosarcoma	-	N.A	-
U.S. Biomax	J2	F	57	Cancer adjacent tissue (smooth muscle)	-	N.A	Very little epithelium
U.S. Biomax	J3	M	50	Malignant tumor from epithelium	-	N.A	-
U.S. Biomax	J4	M	50	Cancer adjacent tissue	-	N.A	2+
U.S. Biomax	J5	М	71	Squamous cell carcinoma	III	N.A	-
U.S. Biomax	J6	М	71	Cancer adjacent tissue (chronic inflammation)	-	N.A	2+
U.S. Biomax	J7	М	49	Squamous cell carcinoma	III	N.A	-
U.S. Biomax	J8	М	49	Cancer adjacent tissue	-	N.A	1.5+
U.S. Biomax	J9	М	65	Squamous cell carcinoma	III	N.A	-
U.S. Biomax	J10	М	65	Cancer adjacent tissue	-	N.A	2+
U.S. Biomax	J11	М	56	Squamous cell carcinoma	III	N.A	-
U.S. Biomax	J12	М	56	Cancer adjacent tissue (hyperplasia of squamous epithelium)	-	N.A	1.5+
U.S. Biomax	A1	М	56	Squamous cell carcinoma	lla	T2N0M 0	Few well differentiated keratinized tumor cell 2+

Pawar et. al., 2013. Downregulation of calcium binding protein S100A9 in Esophageal Squamous Cell Carcinoma. Supplementary Table 1. Summary of IHC labeling for S100A9.

Catalog	Position	Sex	Age	Pathology	Grade	TNM	Score
U.S. Biomax	A2	М	56	Cancer adjacent tissue (fibrous tissue and smooth muscle)	-	-	Very little epithelium
U.S. Biomax	A3	М	60	Squamous cell carcinoma	lla	T3N0M 0	-
U.S. Biomax	A4	М	60	Cancer adjacent tissue (chronic inflammation with hyperplasia of epithelium)	-	-	2+
U.S. Biomax	A5	М	66	Squamous cell carcinoma	lla	T3N0M 0	-
U.S. Biomax	A6	М	66	Cancer adjacent tissue (reflux esophagitis)	-	-	2+
U.S. Biomax	A7	F	72	Squamous cell carcinoma (necrotic tissue)	lla	T2N0M 0	-
U.S. Biomax	A8	F	72	Cancer adjacent tissue (mild chronic inflammation)	-	-	3+
U.S. Biomax	A9	F	55	Squamous cell carcinoma	lla	T3N0M 0	Few well differentiated keratinized tumor cell 1+
U.S. Biomax	A10	F	55	Cancer adjacent tissue (sparse)	-	-	3+
U.S. Biomax	A11	М	61	Squamous cell carcinoma	lla	T3N0M 0	-
U.S. Biomax	A12	М	61	Cancer adjacent tissue (chronic inflammation)	-	-	2+
U.S. Biomax	B1	М	36	Squamous cell carcinoma	lla	T3N0M 0	-
U.S. Biomax	B2	М	36	Cancer adjacent tissue (chronic inflammation with hyperplasia of epithelium)	-	-	2+
U.S. Biomax	В3	F	42	Squamous cell carcinoma	lla	T2N0M 0	1+
U.S. Biomax	B4	F	42	Cancer adjacent tissue (chronic inflammation with hyperplasia of epithelium)	-	-	2+

Pawar et. al., 2013. Downregulation of calcium binding protein S100A9 in Esophageal Squamous Cell Carcinoma. Supplementary Table 1. Summary of IHC labeling for S100A9.

Catalog	Position	Sex	Age	Pathology	Grade	TNM	Score
U.S. Biomax	B5	М	54	Squamous cell carcinoma	lla	T2N0M 0	-
U.S. Biomax	В6	М	54	Cancer adjacent tissue (reflux esophagitis)	-	-	2+
U.S. Biomax	B7	F	55	Squamous cell carcinoma	la	T1N0M 0	Few well differentiated keratinized tumor cell 1+
U.S. Biomax	B8	F	55	Cancer adjacent tissue (reflux esophagitis)	-	-	1.5+
U.S. Biomax	В9	М	57	Squamous cell carcinoma (chronic inflammation of fibrous tissue and smooth muscle)	lla	T2N0M 0	-
U.S. Biomax	B10	М	57	Cancer adjacent tissue (chronic inflammation with hyperplasia of epithelium)	-	-	1+
U.S. Biomax	B11	F	57	Squamous cell carcinoma	lla	T3N0M 0	-
U.S. Biomax	B12	F	57	Cancer adjacent tissue (fibrous tissue and blood vessel)	-	-	Very little epithelium
U.S. Biomax	C1	М	64	Squamous cell carcinoma	lla	T3N0M 0	-
U.S. Biomax	C2	М	64	Cancer adjacent tissue	-	-	3+
U.S. Biomax	C3	М	48	Squamous cell carcinoma	Illa	T3N1M 0	-
U.S. Biomax	C4	М	48	Cancer adjacent tissue (chronic inflammation)	-	-	2+
U.S. Biomax	C5	М	52	Squamous cell carcinoma	lla	T3N0M 0	-
U.S. Biomax	C6	М	52	Cancer adjacent tissue (fibrous tissue and blood vessel)	-	-	1+
U.S. Biomax	C7	F	54	Squamous cell carcinoma	lla	T3N0M 0	-

Pawar et. al., 2013. Downregulation of calcium binding protein S100A9 in Esophageal Squamous Cell Carcinoma. Supplementary Table 1. Summary of IHC labeling for S100A9.

Catalog	Position	Sex	Age	Pathology	Grade	TNM	Score
U.S. Biomax	C8	F	54	Cancer adjacent tissue (reflux esophagitis)	-	-	2+
U.S. Biomax	C9	М	50	Squamous cell carcinoma	lla	T3N0M 0	-
U.S. Biomax	C10	М	50	Cancer adjacent tissue (chronic inflammation)	-	-	2+
U.S. Biomax	C11	F	62	Squamous cell carcinoma	lla	T2N0M 0	Few well differentiated keratinized tumor cell 1.5+
U.S. Biomax	C12	F	62	Cancer adjacent tissue (hyperplasia)	-	-	2+
U.S. Biomax	D1	М	41	Squamous cell carcinoma	lla	T2N0M 0	-
U.S. Biomax	D2	М	41	Cancer adjacent tissue	-	-	3+
U.S. Biomax	D3	F	54	Squamous cell carcinoma (sparse)	-	TxN0M 0	-
U.S. Biomax	D4	F	54	Cancer adjacent tissue (reflux esophagitis)	-	-	2.5+
U.S. Biomax	D5	М	51	Squamous cell carcinoma	lla	T2N0M 0	Few well differentiated keratinized tumor cell 1.5+
U.S. Biomax	D6	М	51	Cancer adjacent tissue (chronic inflammation with mild atypical hyperplasia of epithelium)	-	-	2+
U.S. Biomax	D7	F	48	Squamous cell carcinoma	Illa	T3N1M 0	-
U.S. Biomax	D8	F	48	Cancer adjacent tissue (chronic inflammation)	-	-	2+
U.S. Biomax	D9	F	49	Squamous cell carcinoma	lla	T2N0M 0	-
U.S. Biomax	D10	F	49	Cancer adjacent tissue (chronic inflammation)	-	-	3+
U.S. Biomax	D11	М	45	Squamous cell carcinoma	lla	T3N0M 0	-
U.S. Biomax	D12	М	45	Cancer adjacent tissue (hyperplasia)	-	-	2+

Pawar et. al., 2013. Downregulation of calcium binding protein S100A9 in Esophageal Squamous Cell Carcinoma. Supplementary Table 1. Summary of IHC labeling for S100A9.

Catalog	Position	Sex	Age	Pathology	Grade	TNM	Score
U.S. Biomax	E1	М	57	Squamous cell carcinoma	lla	T2N0M 0	-
U.S. Biomax	E2	М	57	Cancer adjacent tissue (fibrous tissue and smooth muscle)	ı	-	1+
U.S. Biomax	E3	М	58	Squamous cell carcinoma	lla	T3N0M 0	Few well differentiated keratinized tumor cell 1.5+
U.S. Biomax	E4	М	58	Cancer adjacent tissue		-	3+
U.S. Biomax	E5	М	76	Squamous cell carcinoma (fibrous tissue and smooth muscle)	lla	T3N0M 0	-
U.S. Biomax	E6	М	76	Cancer adjacent tissue (hyperplasia)	-	-	2.5+
U.S. Biomax	E7	М	51	Squamous cell carcinoma	lla	T3N0M 0	1.5+
U.S. Biomax	E8	М	51	Cancer adjacent tissue	1	-	3+
U.S. Biomax	E9	М	60	Squamous cell carcinoma	lla	T3N0M 0	Few well differentiated keratinized tumor cell 1.5+
U.S. Biomax	E10	М	60	Cancer adjacent tissue (fibrous tissue and smooth muscle)	1	-	1+
U.S. Biomax	E11	F	57	Squamous cell carcinoma	lla	T2N0M 0	-
U.S. Biomax	E12	F	57	Cancer adjacent tissue (chronic inflammation)	ı	-	2+
U.S. Biomax	F1	М	62	Squamous cell carcinoma	lla	T2N0M 0	•
U.S. Biomax	F2	М	62	Cancer adjacent tissue (hyperplasia)	-	-	3+
U.S. Biomax	F3	F	60	Squamous cell carcinoma	lla	T3N0M 0	Few well differentiated keratinized tumor cell 1.5+
U.S. Biomax	F4	F	60	Cancer adjacent tissue	-	-	2.5+
U.S. Biomax	F5	М	62	Squamous cell carcinoma (sparse)	lla	T3N0M 0	-
U.S. Biomax	F6	М	62	Cancer adjacent tissue (reflux esophagitis)	-	-	2+

Pawar et. al., 2013. Downregulation of calcium binding protein S100A9 in Esophageal Squamous Cell Carcinoma. Supplementary Table 1. Summary of IHC labeling for S100A9.

Catalog	Position	Sex	Age	Pathology	Grade	TNM	Score
U.S. Biomax	F7	М	69	Squamous cell carcinoma	lla	T3N0M 0	-
U.S. Biomax	F8	М	69	Cancer adjacent tissue (chronic inflammation)	-	-	2+
U.S. Biomax	F9	М	48	Squamous cell carcinoma	lla	T3N0M 0	-
U.S. Biomax	F10	М	48	Cancer adjacent tissue (hyperplasia)	-	-	2+
U.S. Biomax	F11	М	66	Squamous cell carcinoma	lla	T3N0M 0	-
U.S. Biomax	F12	М	66	Cancer adjacent tissue (fibrous tissue and smooth muscle)	-	-	Very little epithelium
U.S. Biomax	G1	М	53	Squamous cell carcinoma	lla	T3N0M 0	Few well differentiated keratinized tumor cell 1.5+
U.S. Biomax	G2	М	53	Cancer adjacent tissue (chronic inflammation)	-	-	1+
U.S. Biomax	G3	М	72	Squamous cell carcinoma	lla	T2N0M 0	-
U.S. Biomax	G4	М	72	Cancer adjacent tissue (chronic inflammation)	-	-	2+
U.S. Biomax	G5	М	57	Squamous cell carcinoma	Illa	T3N1M 0	-
U.S. Biomax	G6	М	57	Cancer adjacent tissue (reflux esophagitis)	-	-	1+
U.S. Biomax	G7	М	63	Squamous cell carcinoma	lla	T3N0M 0	-
U.S. Biomax	G8	М	63	Cancer adjacent tissue	-	-	1+
U.S. Biomax	G9	F	53	Squamous cell carcinoma	Illa	T3N1M 0	-
U.S. Biomax	G10	F	53	Cancer adjacent tissue (chronic inflammation with hyperplasia of epithelium)	-	-	2+

Pawar et. al., 2013. Downregulation of calcium binding protein S100A9 in Esophageal Squamous Cell Carcinoma. Supplementary Table 1. Summary of IHC labeling for S100A9.

Catalog	Position	Sex	Age	Pathology	Grade	TNM	Score
U.S. Biomax	G11	М	54	Squamous cell carcinoma	lla	T2N0M 0	Few well differentiated keratinized tumor cell 1.5+
U.S. Biomax	G12	М	54	Cancer adjacent tissue (hyperplasia)	-	-	2+
U.S. Biomax	H1	М	58	Squamous cell carcinoma	lla	T3N0M 0	-
U.S. Biomax	H2	М	58	Cancer adjacent tissue (chronic inflammation)	-	-	2+
U.S. Biomax	H3	F	65	Squamous cell carcinoma	lla	T3N0M 0	-
U.S. Biomax	H4	F	65	Cancer adjacent tissue (chronic inflammation)	-	-	1+
U.S. Biomax	H5	М	54	Squamous cell carcinoma	Illa	T3N1M 0	-
U.S. Biomax	H6	М	54	Cancer adjacent tissue	-	-	3+
U.S. Biomax	H7	М	61	Squamous cell carcinoma	lla	T3N0M 0	-
U.S. Biomax	H8	М	61	Cancer adjacent tissue (chronic inflammation with mild atypical hyperplasia of epithelium)	-	-	2+
U.S. Biomax	H9	М	65	Squamous cell carcinoma	lla	T3N0M 0	-
U.S. Biomax	H10	М	65	Cancer adjacent tissue (chronic inflammation)	-	-	1+
U.S. Biomax	H11	F	60	Squamous cell carcinoma (smooth muscle)	la	T1N0M 0	-
U.S. Biomax	H12	F	60	Cancer adjacent tissue (hyperplasia)	-	-	2+
U.S. Biomax	I1	F	72	Squamous cell carcinoma	lla	T2N0M 0	-
U.S. Biomax	l2	F	72	Cancer adjacent tissue (reflux esophagitis)	-	-	1+
U.S. Biomax	13	М	62	Squamous cell carcinoma	lla	T3N0M 0	Few well differentiated keratinized tumor cell 1.5+

Pawar et. al., 2013. Downregulation of calcium binding protein S100A9 in Esophageal Squamous Cell Carcinoma. Supplementary Table 1. Summary of IHC labeling for S100A9.

Catalog	Position	Sex	Age	Pathology	Grade	TNM	Score
U.S. Biomax	14	М	62	Cancer adjacent tissue	-	-	2+
U.S. Biomax	15	М	62	Squamous cell carcinoma	lla	T3N0M 0	-
U.S. Biomax	16	М	62	Cancer adjacent tissue	-	-	3+
U.S. Biomax	17	М	64	Squamous cell carcinoma	lla	T3N0M 0	Few well differentiated keratinized tumor cell 2+
U.S. Biomax	18	М	64	Cancer adjacent tissue	-	-	3+
U.S. Biomax	19	М	52	Squamous cell carcinoma	lla	T3N0M 0	-
U.S. Biomax	I10	М	52	Cancer adjacent tissue (gastric cardia)	-	-	Very little epithelium
U.S. Biomax	l11	F	51	Squamous cell carcinoma	lla	T3N0M 0	-
U.S. Biomax	l12	F	51	Cancer adjacent tissue (reflux esophagitis)	-	-	2+
U.S. Biomax	J1	F	66	Squamous cell carcinoma	lla	T3N0M 0	1+
U.S. Biomax	J2	F	66	Cancer adjacent tissue (chronic inflammation)	-	-	1+
U.S. Biomax	J3	F	41	Squamous cell carcinoma (sparse)	lla	T2N0M 0	-
U.S. Biomax	J4	F	41	Cancer adjacent tissue	-	-	2+
U.S. Biomax	J5	М	50	Squamous cell carcinoma	lla	T3N0M 0	-
U.S. Biomax	J6	М	50	Cancer adjacent tissue (chronic inflammation)	-	-	2+
U.S. Biomax	J7	М	46	Squamous cell carcinoma	lla	T3N0M 0	Few well differentiated keratinized tumor cell 2+
U.S. Biomax	J8	М	46	Cancer adjacent tissue (chronic inflammation)	-	-	2+
U.S. Biomax	J9	М	60	Squamous cell carcinoma	Illa	T3N1M 0	-

Pawar et. al., 2013. Downregulation of calcium binding protein S100A9 in Esophageal Squamous Cell Carcinoma. Supplementary Table 1. Summary of IHC labeling for S100A9.

Catalog	Position	Sex	Age	Pathology	Grade	TNM	Score
U.S. Biomax	J10	М	60	Cancer adjacent tissue	=.	-	1+
U.S. Biomax	J11	М	65	Carcinosarcoma	lla	T3N0M 0	-
U.S. Biomax	J12	М	65	Cancer adjacent tissue (chronic inflammation)	-	-	2+
U.S. Biomax	A1	F	49	Squamous cell carcinoma	I	N.A	Well differentiated keratinized tumor cell 1.5+
U.S. Biomax	A2	F	49	Matched normal Matched normal esophagus tissue	-	N.A	2.5+
U.S. Biomax	А3	М	65	Squamous cell carcinoma	I	N.A	Well differentiated keratinized tumor cell 1.5+
U.S. Biomax	A4	М	65	Matched normal Matched normal esophagus tissue	-	N.A	2+
U.S. Biomax	A5	М	43	Squamous cell carcinoma	I	N.A	Few well differentiated keratinized tumor cell 2+
U.S. Biomax	A6	М	43	Matched normal esophagus tissue of the above	-	N.A	2.5+
U.S. Biomax	A7	F	56	Squamous cell carcinoma	II	N.A	Few well differentiated keratinized tumor cell 1+
U.S. Biomax	A8	F	56	Mucosa chronic inflammation of esophagus	-	N.A	1.5+
U.S. Biomax	A9	М	45	Squamous cell carcinoma	II	N.A	-
U.S. Biomax	A10	М	45	Mucosa chronic inflammation of esophagus	-	N.A	2.5+
U.S. Biomax	B1	М	46	Squamous cell carcinoma	I	N.A	Few well differentiated keratinized tumor cell 1.5+
U.S. Biomax	B2	М	46	Matched normal esophagus tissue of the above	-	N.A	3+
U.S. Biomax	B3	F	53	Squamous cell carcinoma	III	N.A	-
U.S. Biomax	B4	F	53	Mucosa chronic inflammation of esophagus	-	N.A	2+

Pawar et. al., 2013. Downregulation of calcium binding protein S100A9 in Esophageal Squamous Cell Carcinoma. Supplementary Table 1. Summary of IHC labeling for S100A9.

Catalog	Position	Sex	Age	Pathology	Grade	TNM	Score
U.S. Biomax	B5	М	69	Squamous cell carcinoma	II	N.A	Few well differentiated keratinized tumor cell 1+
U.S. Biomax	B6	М	69	Mucosa chronic inflammation of esophagus	-	N.A	3+
U.S. Biomax	B7	М	68	Squamous cell carcinoma	ll l	N.A	-
U.S. Biomax	B8	М	68	Matched normal esophagus tissue of the above	-	N.A	2+
U.S. Biomax	B9	F	53	Squamous cell carcinoma	Ш	N.A	-
U.S. Biomax	B10	F	53	Matched normal esophagus tissue of the above	-	N.A	2+
U.S. Biomax	C1	F	61	Squamous cell carcinoma	I	N.A	Few well differentiated keratinized tumor cell 1+
U.S. Biomax	C2	F	61	Matched normal esophagus tissue of the above	-	N.A	2.5+
U.S. Biomax	C3	F	62	Squamous cell carcinoma	II	N.A	Few well differentiated keratinized tumor cell 1+
U.S. Biomax	C4	F	62	Matched normal esophagus tissue of the above	-	N.A	3+
U.S. Biomax	C5	M	62	Squamous cell carcinoma	I	N.A	Few well differentiated keratinized tumor cell 2+
U.S. Biomax	C6	М	62	Matched normal esophagus tissue of the above	-	N.A	2.5+
U.S. Biomax	C7	М	50	Squamous cell carcinoma	I	N.A	Few well differentiated keratinized tumor cell 1+
U.S. Biomax	C8	М	50	Matched normal esophagus tissue of the above	-	N.A	2.5+
U.S. Biomax	C9	F	49	Squamous cell carcinoma	II	N.A	-
U.S. Biomax	C10	F	49	Matched normal esophagus tissue of the above	-	N.A	2+
U.S. Biomax	D1	М	56	Squamous cell carcinoma	I	N.A	Few well differentiated keratinized tumor cell 1+

Pawar et. al., 2013. Downregulation of calcium binding protein S100A9 in Esophageal Squamous Cell Carcinoma. Supplementary Table 1. Summary of IHC labeling for S100A9.

Catalog	Position	Sex	Age	Pathology	Grade	TNM	Score
U.S. Biomax	D2	М	56	Mucosa chronic inflammation of esophagus	-	N.A	2.5+
U.S. Biomax	D3	М	62	Squamous cell carcinoma	II	N.A	Few well differentiated keratinized tumor cell 2.5+
U.S. Biomax	D4	М	62	Matched normal esophagus tissue of the above	-	N.A	2.5+
U.S. Biomax	D5	М	65	Squamous cell carcinoma	П	N.A	-
U.S. Biomax	D6	М	65	Matched normal esophagus tissue of the above	-	N.A	2.5+
U.S. Biomax	D7	М	62	Squamous cell carcinoma	I	N.A	Few well differentiated keratinized tumor cell 1+
U.S. Biomax	D8	М	62	Matched normal esophagus tissue of the above	-	N.A	2.5+
U.S. Biomax	D9	F	59	Squamous cell carcinoma	II	N.A	-
U.S. Biomax	D10	F	59	Matched normal esophagus tissue of the above	-	N.A	1+
U.S. Biomax	E1	М	68	Squamous cell carcinoma	II	N.A	Few well differentiated keratinized tumor cell 1+
U.S. Biomax	E2	М	68	Matched normal esophagus tissue of the above	-	N.A	2+
U.S. Biomax	E3	М	57	Squamous cell carcinoma	II	N.A	-
U.S. Biomax	E4	М	57	Matched normal esophagus tissue of the above	-	N.A	2.5+
U.S. Biomax	E5	М	60	Squamous cell carcinoma	II	N.A	Few well differentiated keratinized tumor cell 2.5+
U.S. Biomax	E6	M	60	Matched normal esophagus tissue of the above	-	N.A	2.5+
U.S. Biomax	E7	M	58	Squamous cell carcinoma	I	N.A	Few well differentiated keratinized tumor cell 2+
U.S. Biomax	E8	М	58	Matched normal esophagus tissue of the above	-	N.A	2.5+

Pawar et. al., 2013. Downregulation of calcium binding protein S100A9 in Esophageal Squamous Cell Carcinoma. Supplementary Table 1. Summary of IHC labeling for S100A9.

Catalog	Position	Sex	Age	Pathology	Grade	TNM	Score
U.S. Biomax	E9	М	58	Squamous cell carcinoma	I	N.A	Few well differentiated keratinized tumor cell 1+
U.S. Biomax	E10	M	58	Matched normal esophagus tissue of the above	-	N.A	2.5+
U.S. Biomax	F1	F	55	Squamous cell carcinoma	Ш	N.A	-
U.S. Biomax	F2	F	55	Mucosa chronic inflammation of esophagus	-	N.A	2+
U.S. Biomax	F3	F	54	Squamous cell carcinoma	II	N.A	-
U.S. Biomax	F4	F	54	Matched normal esophagus tissue of the above	-	N.A	2.5+
U.S. Biomax	F5	М	50	Squamous cell carcinoma	II	N.A	Few well differentiated keratinized tumor cell 1+
U.S. Biomax	F6	М	50	Matched normal esophagus tissue of the above	-	N.A	2.5+
U.S. Biomax	F7	М	48	Squamous cell carcinoma	ll l	N.A	-
U.S. Biomax	F8	М	48	Matched normal esophagus tissue of the above	-	N.A	3+
U.S. Biomax	F9	М	57	Squamous cell carcinoma	II	N.A	Few well differentiated keratinized tumor cell 1+
U.S. Biomax	F10	М	57	Matched normal esophagus tissue of the above	-	N.A	2.5+
U.S. Biomax	G1	М	65	Squamous cell carcinoma	I	N.A	Few well differentiated keratinized tumor cell 1+
U.S. Biomax	G2	М	65	Matched normal esophagus tissue of the above	-	N.A	2+
U.S. Biomax	G3	М	62	Squamous cell carcinoma	[]	N.A	-
U.S. Biomax	G4	М	62	Matched normal esophagus tissue of the above	-	N.A	2.5+
U.S. Biomax	G5	F	60	Squamous cell carcinoma	II	N.A	-
U.S. Biomax	G6	F	60	Matched normal esophagus tissue of the above	-	N.A	2.5+

Pawar et. al., 2013. Downregulation of calcium binding protein S100A9 in Esophageal Squamous Cell Carcinoma. Supplementary Table 1. Summary of IHC labeling for S100A9.

Catalog	Position	Sex	Age	Pathology	Grade	TNM	Score
U.S. Biomax	G7	F	48	Squamous cell carcinoma	I	N.A	Few well differentiated keratinized tumor cell 2+
U.S. Biomax	G8	F	48	Matched normal esophagus tissue of the above	-	N.A	3+
U.S. Biomax	G9	F	63	Squamous cell carcinoma	II	N.A	Few well differentiated keratinized tumor cell 1+
U.S. Biomax	G10	F	63	Matched normal esophagus tissue of the above	-	N.A	3+
U.S. Biomax	H1	М	60	Squamous cell carcinoma	III	N.A	-
U.S. Biomax	H2	М	60	Matched normal esophagus tissue of the above	-	N.A	2+
U.S. Biomax	H3	М	55	Squamous cell carcinoma	II.	N.A	-
U.S. Biomax	H4	М	55	Matched normal esophagus tissue of the above	-	N.A	2.5+
U.S. Biomax	H5	М	53	Squamous cell carcinoma	II	N.A	-
U.S. Biomax	H6	М	53	Mucosa chronic inflammation of esophagus	-	N.A	3
U.S. Biomax	H7	М	64	Squamous cell carcinoma	[]	N.A	•
U.S. Biomax	H8	М	64	Matched normal esophagus tissue of the above	-	N.A	1+
U.S. Biomax	H9	F	54	Squamous cell carcinoma	III	N.A	
U.S. Biomax	H10	F	54	Matched mucosa chronic inflammation of esophagus	-	N.A	1+
Indian Patient 1	-	F	45	Cancer adjacent tissue	-	N.A	3+
Indian Patient 1	-	F	45	Squamous cell carcinoma	II	N.A	Few well differentiated keratinized tumor cell 2+
Indian Patient 2	-	F	50	Cancer adjacent tissue	-	N.A	2+
Indian Patient 2	-	F	50	Squamous cell carcinoma	III	N.A	-
Indian Patient 3	-	М	61	Cancer adjacent tissue	-	N.A	2+
Indian Patient 3	-	М	61	Squamous cell carcinoma	III	N.A	-
Indian Patient 4	-	М	48	Cancer adjacent tissue	-	N.A	Very little epithelium
Indian Patient 4	-	М	48	Squamous cell carcinoma	II	N.A	-

Pawar et. al., 2013. Downregulation of calcium binding protein S100A9 in Esophageal Squamous Cell Carcinoma. Supplementary Table 1. Summary of IHC labeling for S100A9.

Catalog	Position	Sex	Age	Pathology	Grade	TNM	Score
Indian Patient 5	-	F	52	Cancer adjacent tissue	-	N.A	2.5+
Indian Patient 5	-	F	52	Squamous cell carcinoma	III	N.A	-
Indian Patient 6	-	F	55	Cancer adjacent tissue	-	N.A	2.5+
Indian Patient 6	-	F	55	Squamous cell carcinoma	III	N.A	-
Indian Patient 7	-	F	45	Cancer adjacent tissue	-	N.A	2.5+
Indian Patient 7	-	F	45	Squamous cell carcinoma	I	N.A	2+
Indian Patient 8	-	М	48	Cancer adjacent tissue	-	N.A	3+
Indian Patient 8	-	М	48	Squamous cell carcinoma	III	N.A	-
Indian Patient 9	-	F	43	Cancer adjacent tissue	-	N.A	3+
Indian Patient 9	-	F	43	Squamous cell carcinoma	ļļ.	N.A	-
Indian Patient 10	-	F	35	Cancer adjacent tissue	-	N.A	3+
Indian Patient 10	-	F	35	Squamous cell carcinoma	III	N.A	Few well differentiated keratinized tumor cell 1+
Indian Patient 11	-	F	55	Cancer adjacent tissue	-	N.A	3+
Indian Patient 11	-	F	55	Squamous cell carcinoma	III	N.A	-
Indian Patient 12	-	F	34	Cancer adjacent tissue	-	N.A	2+
Indian Patient 12	-	F	34	Squamous cell carcinoma	III	N.A	Few well differentiated keratinized tumor cell 1.5+
Indian Patient 13	-	М	41	Cancer adjacent tissue	-	N.A	3+
Indian Patient 13	-	М	41	Squamous cell carcinoma	I	N.A	Few well differentiated keratinized tumor cell 1+
Indian Patient 14	-	F	77	Cancer adjacent tissue	-	N.A	3+
Indian Patient 14	-	F	77	Squamous cell carcinoma	III	N.A	-
Indian Patient 15	-	F	49	Cancer adjacent tissue	-	N.A	3+
Indian Patient 15	-	F	49	Squamous cell carcinoma	III	N.A	-
Indian Patient 16	-	F	32	Cancer adjacent tissue	-	N.A	1.5+
Indian Patient 16	-	F	32	Squamous cell carcinoma	I	N.A	Few well differentiated keratinized tumor cell 1+
Indian Patient 17	-	М	60	Cancer adjacent tissue	-	N.A	2+
Indian Patient 17		М	60	Squamous cell carcinoma	I	N.A	Few well differentiated keratinized tumor cell 1.5+
Indian Patient 18	-	М	55	Cancer adjacent tissue	-	N.A	3+

Pawar et. al., 2013. Downregulation of calcium binding protein S100A9 in Esophageal Squamous Cell Carcinoma. Supplementary Table 1. Summary of IHC labeling for S100A9.

Catalog	Position	Sex	Age	Pathology	Grade	TNM	Score
Indian Patient 18	-	М	55	Squamous cell carcinoma	II	N.A	-
Indian Patient 19	-	F	70	Cancer adjacent tissue	-	N.A	Very little epithelium
Indian Patient 19	-	F	70	Squamous cell carcinoma	III	N.A	Few well differentiated keratinized tumor cell 1.5+
Indian Patient 20	-	М	52	Cancer adjacent tissue	-	N.A	1.5+
Indian Patient 20	-	М	52	Squamous cell carcinoma	II	N.A	-
Indian Patient 21	-	М	60	Cancer adjacent tissue	-	N.A	3+
Indian Patient 21	-	М	60	Squamous cell carcinoma	III	N.A	-
Indian Patient 22	-	F	55	Cancer adjacent tissue	-	N.A	3+
Indian Patient 22	-	F	55	Squamous cell carcinoma	III	N.A	-
Indian Patient 23	-	М	70	Cancer adjacent tissue	-	N.A	3+
Indian Patient 23	-	М	70	Squamous cell carcinoma	III	N.A	Few well differentiated keratinized tumor cell 1.5+
Indian Patient 24	-	F	57	Cancer adjacent tissue	-	N.A	2+
Indian Patient 24	-	F	57	Squamous cell carcinoma	II	N.A	-
Indian Patient 25	-	М	68	Cancer adjacent tissue	-	N.A	2.5+
Indian Patient 25	-	М	68	Squamous cell carcinoma	III	N.A	-
Indian Patient 26	-	F	65	Cancer adjacent tissue	-	N.A	3+
Indian Patient 26	-	F	65	Squamous cell carcinoma	III	N.A	Few well differentiated keratinized tumor cell 1+
Indian Patient 27	-	М	62	Cancer adjacent tissue	-	N.A	2.5+
Indian Patient 27	-	М	62	Squamous cell carcinoma	Ш	N.A	-
Indian Patient 28	-	М	55	Cancer adjacent tissue	-	N.A	2.5+
Indian Patient 28	-	М	55	Squamous cell carcinoma	П	N.A	-
Indian Patient 29	-	М	55	Cancer adjacent tissue	-	N.A	3+
Indian Patient 29	-	М	55	Squamous cell carcinoma	Ш	N.A	-
Indian Patient 30	-	М	35	Cancer adjacent tissue	-	N.A	3+
Indian Patient 30	-	М	35	Squamous cell carcinoma	III	N.A	-
Indian Patient 31	-	М	60	Cancer adjacent tissue	-	N.A	2+
Indian Patient 31	-	М	60	Squamous cell carcinoma	III	N.A	-
Indian Patient 32	-	F	55	Cancer adjacent tissue	-	N.A	2+

Pawar et. al., 2013. Downregulation of calcium binding protein S100A9 in Esophageal Squamous Cell Carcinoma. Supplementary Table 1. Summary of IHC labeling for S100A9.

Catalog	Position	Sex	Age	Pathology	Grade	TNM	Score
Indian Patient 32	-	F	55	Squamous cell carcinoma	III	N.A	Few well differentiated keratinized tumor cell 1+
Indian Patient 33	-	М	40	Cancer adjacent tissue	-	N.A	3+
Indian Patient 33	-	М	40	Squamous cell carcinoma	II	N.A	-
Indian Patient 34	-	М	55	Cancer adjacent tissue	-	N.A	1.5+
Indian Patient 34	-	М	55	Squamous cell carcinoma	III	N.A	-
Indian Patient 35	-	М	52	Cancer adjacent tissue	-	N.A	1.5+
Indian Patient 35	-	М	52	Squamous cell carcinoma	I	N.A	Few well differentiated keratinized tumor cell 2+
Indian Patient 36	-	М	58	Cancer adjacent tissue	-	N.A	1.5+
Indian Patient 36	-	М	58	Squamous cell carcinoma	Ш	N.A	-
Indian Patient 37	-	М	65	Cancer adjacent tissue	-	N.A	2.5+
Indian Patient 37	-	М	65	Squamous cell carcinoma	Ш	N.A	-
Indian Patient 38	-	М	52	Cancer adjacent tissue	-	N.A	1+
Indian Patient 38	-	М	52	Squamous cell carcinoma	Ш	N.A	-
Indian Patient 39	-	М	45	Cancer adjacent tissue	-	N.A	3+
Indian Patient 39	-	М	45	Squamous cell carcinoma	Ш	N.A	-
Indian Patient 40	-	М	60	Cancer adjacent tissue	-	N.A	3+
Indian Patient 40	-	М	60	Squamous cell carcinoma	=	N.A	Few well differentiated keratinized tumor cell 1.5+
Indian Patient 41	-	М	59	Cancer adjacent tissue	-	N.A	3+
Indian Patient 41	-	М	59	Squamous cell carcinoma	II	N.A	-
Indian Patient 42	-	М	70	Cancer adjacent tissue	-	N.A	2+
Indian Patient 42	-	М	70	Squamous cell carcinoma	Ш	N.A	-
Indian Patient 43	-	М	50	Cancer adjacent tissue	-	N.A	1.5+
Indian Patient 43	-	М	50	Squamous cell carcinoma	II	N.A	-
Indian Patient 44	-	М	55	Cancer adjacent tissue	-	N.A	2+
Indian Patient 44	-	М	55	Squamous cell carcinoma	II	N.A	-
Indian Patient 45	-	М	70	Cancer adjacent tissue	-	N.A	1+
Indian Patient 45	-	М	70	Squamous cell carcinoma	III	N.A	-
Indian Patient 46	-	М	36	Cancer adjacent tissue	-	N.A	2.5+
Indian Patient 46	-	М	36	Squamous cell carcinoma	Ш	N.A	-

Pawar et. al., 2013. Downregulation of calcium binding protein S100A9 in Esophageal Squamous Cell Carcinoma. Supplementary Table 1. Summary of IHC labeling for S100A9.

Catalog	Position	Sex	Age	Pathology	Grade	TNM	Score
Indian Patient 47	-	М	68	Cancer adjacent tissue	-	N.A	2+
Indian Patient 47	-	М	68	Squamous cell carcinoma	III	N.A	-
Indian Patient 48	-	F	80	Cancer adjacent tissue	-	N.A	1+
Indian Patient 48	-	F	80	Squamous cell carcinoma	ll	N.A	-
Indian Patient 49	-	М	60	Cancer adjacent tissue	-	N.A	2+
Indian Patient 49	-	М	60	Squamous cell carcinoma	III	N.A	-
Indian Patient 50	-	F	50	Cancer adjacent tissue	-	N.A	2.5+
Indian Patient 50	-	F	50	Squamous cell carcinoma	III	N.A	-
Indian Patient 51	-	F	65	Cancer adjacent tissue	-	N.A	1.5+
Indian Patient 51	_	F	65	Squamous cell carcinoma	Ш	N.A	Few well differentiated keratinized
Indian Fallent 51	_		05	Squamous ceil carcinoma	111	IN.A	tumor cell 1.5+
Indian Patient 52	-	М	68	Cancer adjacent tissue	-	N.A	1+
Indian Patient 52	-	М	68	Squamous cell carcinoma	II	N.A	-
Indian Patient 53	-	М	42	Cancer adjacent tissue	-	N.A	1+
Indian Patient 53	-	М	42	Squamous cell carcinoma	III	N.A	-
Indian Patient 54	-	F	60	Cancer adjacent tissue	-	N.A	2+
Indian Patient 54	-	F	60	Squamous cell carcinoma	III	N.A	-
Indian Patient 55	-	М	40	Cancer adjacent tissue	-	N.A	2+
Indian Patient 55	-	М	40	Squamous cell carcinoma	=	N.A	Few well differentiated keratinized
				•			tumor cell 1+
Indian Patient 56	-	М	66	Cancer adjacent tissue	-	N.A	2.5+
Indian Patient 56	-	М	66	Squamous cell carcinoma	III	N.A	-
Indian Patient 57	-	М	58	Cancer adjacent tissue	-	N.A	2.5+
Indian Patient 57	-	М	58	Squamous cell carcinoma	III	N.A	-
Indian Patient 58	-	М	51	Cancer adjacent tissue	-	N.A	2+
Indian Patient 58	-	М	51	Squamous cell carcinoma	III	N.A	-
Indian Patient 59	-	М	60	Cancer adjacent tissue	-	N.A	1+
Indian Patient 59	-	М	60	Squamous cell carcinoma	III	N.A	-
Indian Patient 60	-	М	60	Cancer adjacent tissue	-	N.A	2+
Indian Patient 60	-	М	60	Squamous cell carcinoma	III	N.A	-
Indian Patient 61	-	F	68	Cancer adjacent tissue	-	N.A	1.5
Indian Patient 61	-	F	68	Squamous cell carcinoma		N.A	-

Pawar et. al., 2013. Downregulation of calcium binding protein S100A9 in Esophageal Squamous Cell Carcinoma. Supplementary Table 1. Summary of IHC labeling for S100A9.

Catalog	Position	Sex	Age	Pathology	Grade	TNM	Score
Indian Patient 62	-	М	42	Cancer adjacent tissue	-	N.A	2+
Indian Patient 62	-	М	42	Squamous cell carcinoma	II	N.A	-
Indian Patient 63	-	М	59	Cancer adjacent tissue	-	N.A	1+
Indian Patient 63	-	М	59	Squamous cell carcinoma	III	N.A	-
Indian Patient 64	-	М	61	Cancer adjacent tissue	-	N.A	1+
Indian Patient 64	-	М	61	Squamous cell carcinoma	III	N.A	-
Indian Patient 65	-	М	64	Cancer adjacent tissue	-	N.A	1+
Indian Patient 65	-	М	64	Squamous cell carcinoma	III	N.A	Few well differentiated keratinized tumor cell 1.5+
Indian Patient 66	-	F	60	Cancer adjacent tissue	-	N.A	1.5+
Indian Patient 66	-	F	60	Squamous cell carcinoma	III	N.A	-
Indian Patient 67	-	М	36	Cancer adjacent tissue	-	N.A	2+
Indian Patient 67	-	М	36	Squamous cell carcinoma	ļļ.	N.A	-
Indian Patient 68	-	F	65	Cancer adjacent tissue	-	N.A	2+
Indian Patient 68	-	F	65	Squamous cell carcinoma	ļļ.	N.A	-
Indian Patient 69	-	F	60	Cancer adjacent tissue	-	N.A	1+
Indian Patient 69	-	М	60	Squamous cell carcinoma	III	N.A	-
Indian Patient 70	-	М	47	Cancer adjacent tissue	-	N.A	2.5+
Indian Patient 70	-	F	47	Squamous cell carcinoma	III	N.A	-
Indian Patient 71	-	F	50	Cancer adjacent tissue	-	N.A	1+
Indian Patient 71	-	F	50	Squamous cell carcinoma	III	N.A	-
Indian Patient 72	-	М	60	Cancer adjacent tissue	-	N.A	2+
Indian Patient 72	-	М	60	Squamous cell carcinoma	III	N.A	-
Indian Patient 73	-	М	56	Cancer adjacent tissue	-	N.A	2+
Indian Patient 73	-	М	56	Squamous cell carcinoma	II	N.A	Few well differentiated keratinized tumor cell 1.5+
Indian Patient 74	-	М	59	Cancer adjacent tissue	-	N.A	1+
Indian Patient 74	-	М	59	Squamous cell carcinoma	II	N.A	-
Indian Patient 75	-	М	50	Cancer adjacent tissue	-	N.A	2+
Indian Patient 75	-	М	50	Squamous cell carcinoma	III	N.A	Few well differentiated keratinized tumor cell 1+
Indian Patient 76	-	F	38	Cancer adjacent tissue	-	N.A	2+

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Catalog	Position	Sex	Age	Pathology	Grade	TNM	Score
Indian Patient 76	-	F	38	Squamous cell carcinoma	III	N.A	-
Indian Patient 77	-	М	45	Cancer adjacent tissue	-	N.A	2+
Indian Patient 77	-	М	45	Squamous cell carcinoma	III	N.A	-
Indian Patient 78	-	М	58	Cancer adjacent tissue	-	N.A	1+
Indian Patient 78	-	М	58	Squamous cell carcinoma	III	N.A	-
Indian Patient 79	-	М	55	Cancer adjacent tissue	-	N.A	1+
Indian Patient 79	-	М	55	Squamous cell carcinoma	III	N.A	-
Indian Patient 80	-	F	50	Cancer adjacent tissue	-	N.A	1.5+
Indian Patient 80	-	F	50	Squamous cell carcinoma	II	N.A	Few well differentiated keratinized tumor cell 1.5+
Indian Patient 81	-	F	52	Cancer adjacent tissue	-	N.A	3+
Indian Patient 81	-	F	52	Squamous cell carcinoma	III	N.A	-
Indian Patient 82	-	М	56	Cancer adjacent tissue	-	N.A	3+
Indian Patient 82	-	М	56	Squamous cell carcinoma	III	N.A	-
Indian Patient 83	-	М	55	Cancer adjacent tissue	-	N.A	2+
Indian Patient 83	-	М	55	Squamous cell carcinoma	III	N.A	Few well differentiated keratinized tumor cell 1+
Indian Patient 84	-	М	60	Cancer adjacent tissue	-	N.A	1.5+
Indian Patient 84	-	М	60	Squamous cell carcinoma	III	N.A	-
Indian Patient 85	-	М	50	Cancer adjacent tissue	-	N.A	2+
Indian Patient 85	-	М	50	Squamous cell carcinoma	III	N.A	-
Indian Patient 86	-	F	55	Cancer adjacent tissue	-	N.A	2+
Indian Patient 86	-	F	55	Squamous cell carcinoma	≡	N.A	Few well differentiated keratinized tumor cell 1.5+
Indian Patient 87	-	М	50	Cancer adjacent tissue	-	N.A	2+
Indian Patient 87	-	М	50	Squamous cell carcinoma	Ι	N.A	Few well differentiated keratinized tumor cell 2+
Indian Patient 88	-	М	48	Cancer adjacent tissue	-	N.A	2+
Indian Patient 88	-	М	48	Squamous cell carcinoma	II	N.A	-
Indian Patient 89	-	F	76	Cancer adjacent tissue	-	N.A	2+
Indian Patient 89	-	F	76	Squamous cell carcinoma	III	N.A	-
Indian Patient 90	-	F	70	Cancer adjacent tissue	-	N.A	2+

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Catalog	Position	Sex	Age	Pathology	Grade	TNM	Score
Indian Patient 90	-	F	70	Squamous cell carcinoma	II	N.A	Few well differentiated keratinized tumor cell 1.5+
Indian Patient 91	-	М	37	Cancer adjacent tissue	-	N.A	2+
Indian Patient 91	-	М	37	Squamous cell carcinoma	ļļ.	N.A	-
Indian Patient 92	-	М	50	Cancer adjacent tissue	-	N.A	2+
Indian Patient 92	-	М	50	Squamous cell carcinoma	II	N.A	Few well differentiated keratinized tumor cell 1.5+
Indian Patient 93	-	М	60	Cancer adjacent tissue	-	N.A	2+
Indian Patient 93	-	М	60	Squamous cell carcinoma	I	N.A	Few well differentiated keratinized tumor cell 1+
Indian Patient 94	-	М	70	Cancer adjacent tissue	-	N.A	1.5+
Indian Patient 94	-	М	70	Squamous cell carcinoma	III	N.A	-
Indian Patient 95	-	М	72	Cancer adjacent tissue	-	N.A	2+
Indian Patient 95	-	М	72	Squamous cell carcinoma	III	N.A	-
Indian Patient 96	-	М	40	Cancer adjacent tissue	-	N.A	2+
Indian Patient 96	-	М	40	Squamous cell carcinoma	III	N.A	-
Indian Patient 97	-	М	43	Cancer adjacent tissue	-	N.A	2+
Indian Patient 97	-	М	43	Squamous cell carcinoma	III	N.A	-
Indian Patient 98	-	М	55	Cancer adjacent tissue	-	N.A	1+
Indian Patient 98	-	М	55	Squamous cell carcinoma	III	N.A	-
Indian Patient 99	-	F	50	Cancer adjacent tissue	-	N.A	2+
Indian Patient 99	-	F	50	Squamous cell carcinoma	III	N.A	-
Indian Patient 100	-	М	55	Cancer adjacent tissue	-	N.A	2+
Indian Patient 100	-	М	55	Squamous cell carcinoma	II	N.A	-

[#] P.S. We have excluded tumor and normal cores that are not paired or in duplicates or have tumor grading information missing from our analysis. The cores for which IHC scoring was excluded in our analysis are indicated in bold font.