

**Supplementary Table 1**

Case	Age/Sex	Stage	Grade	Location	Claudin-7	E-cadherin
1	56/F	2A	3	C	0	2
2	59/F	1	3	C	1	2
3	67/F	3	2	C	1	2
4	77/F	2A	3	C	0	1
5	52/M	2B	2	C	0	2
6	77/M	3-4	3	C	2	2
7	53/M	3	3	C	1	1
Normal	n/a	n/a	n/a	M	2	2
Normal	n/a	n/a	n/a	M	2	2

**Supplementary Table 1:** Expression and localization of Claudin-7 and E-cadherin on the Fox Chase Cancer Center esophageal squamous cell carcinoma tissue array. Expression levels were scored by two independent observers on a scale of 0-2, where 2 indicates the highest level of expression. C = cytoplasmic staining and M = membrane associated Claudin-7 staining.

Supplementary Table 2

Coordinate	Sex	Age	Type	TNM Stage	Claudin-7	E-cadherin
1A	m	66	well	T3N1M0 ( III )	0	1
2A	m	67	well	T1N1M0 ( II B )	2c	1
3A	m	69	well	T1N0M0 ( I )	1c	0
4A	m	60	well	T1N0M0 ( I )	1c	0
5A	m	50	well	T1N0M0 ( I )	2c	0
6B	m	79	moderate	T3N1M0 ( III )	0	0
7B	m	59	moderate	T3N1M1 ( IV )	0	0
8B	m	54	moderate	T1N1M0 ( II B )	0	0
9B	m	69	moderate	T1N0M0 ( I )	0	0
10B	m	55	moderate	T1N0M0 ( I )	1c	0
11C	m	73	moderate	T3N1M0 ( III )	0	0
12C	m	63	moderate	T4N0M0 ( III )	0	0
13C	m	57	moderate	T2N1M0 ( II B )	2c	0
14C	m	58	moderate	T2N1M1 ( IV )	0	0
15C	m	75	moderate	T3N1M0 ( III )	0	0
16D	f	64	moderate	T3N0M0 ( II A )	0	0
17D	f	58	moderate	T2N0M0 ( II A )	0	0
18D	m	67	moderate	T2N0M0 ( II A )	0	0
19D	m	77	moderate	T3N0M0 ( II A )	1c	0
20D	m	69	moderate	T2N1M0 ( II B )	0	0
21E	m	61	moderate	T3N0M1a ( IV A )	1c	0
22E	m	56	moderate	T1N0M1a ( IV A )	0	0
23E	m	68	moderate	T2N0M0 ( II A )	0	0
24E	m	61	moderate	T3N1M0 ( III )	0	0
25E	m	60	moderate	T4N0M0 ( III )	0	0
26F	m	71	moderate	T1N0M0 ( I )	0	0
27F	m	61	moderate	T1N0M0 ( I )	0	1
28F	m	62	moderate	T1N1M0 ( II B )	0	0
29F	m	60	moderate	T3N1M0 ( III )	0	0
30F	m	62	poorly	T2N0M0 ( II A )	0	0
31G	m	66	poorly	T3N0M1a ( IV A )	0	0
32G	m	73	poorly	T1N0M0 ( I )	0	0
33G	m	56	poorly	T3N1M0 ( III )	0	0
34G	m	69	n/a	T2N1M0 ( II B )	1c	0
35G	m	73	n/a	n/a	1c	0
36H	m	70	moderately -well	T1N0M1 ( IV )	0	1

37H	m	68	moderately -well	T3N1M0 ( III )	0	0
38H	m	71	moderately to poorly	T3N0M0 ( II A )	0	0
39H	m	80	n/a	T1N1M0 ( II B )	1c	0
40H	m	68	n/a	T1N0M0 ( I )	1c	0
41I	n/a	n/a	non- neoplastic		1m	1
42I	n/a	n/a	non- neoplastic		2m	1
43I	n/a	n/a	non- neoplastic		2m	1
44I	n/a	n/a	non- neoplastic		2m	1

**Supplementary Table 2:** Expression and localization of Claudin-7 and E-cadherin on a commercially available esophageal squamous cell carcinoma tissue array (Accurate Chemical Company). Expression levels were scored by two independent observers on a scale of 0-2, where 2 indicates the highest level of expression. C = cytoplasmic staining and M = membrane associated staining.