

Supplementary Table 1. Clinical demographic data associated with archival FFPE tissue specimens used in this study. Cau: Caucasian; AA: African American.

Patient	Sample Type	Age (at first diagnosis)	sex	race	Notes
1	Normal Squamous Mucosa	52	f	aa	Margin of esophagogastrectomy for gastric adenocarcinoma
2	Normal Squamous Mucosa	73	m	cau	Margin of esophagogastrectomy for gastric adenocarcinoma
3	Normal Squamous Mucosa	83	m	cau	Margin of esophagogastrectomy for EAC
4	Normal Squamous Mucosa	56	f	cau	Excision of congenital esophageal diverticulum
5	Normal Squamous Mucosa	74	m	cau	Margin of esophagogastrectomy for EAC
6	Normal Squamous Mucosa	49	f	cau	Margin of esophagogastrectomy for EAC
7	Normal Squamous Mucosa	81	m	cau	Margin of esophagogastrectomy for gastric adenocarcinoma
8	Normal Squamous Mucosa	84	m	cau	Margin of esophagogastrectomy for EAC
9	Normal Squamous Mucosa	56	f	aa	Margin of esophagogastrectomy for gastric adenocarcinoma
10	BE (2002, 2x), BE(2009)	59	f	cau	BE with concomitant EAC
11	BE, EAC	79	m	cau	
12	BE(2001), BE(2008)	51	m	cau	
13	BE	42	f	cau	
14	BE (1999), BE(2003, 2x)	68	m	cau	
15	gastric mucosa, BE, HGD, EAC	74	f	cau	
16	BE(2001), EAC(2002)	68	m	cau	
17	BE(2000), HGD(2001)	58	m	cau	
18	gastric mucosa, esoph. HGD	72	m	cau	HGD with concomitant EAC
19	HGD, EAC	46	m	cau	HGD with concomitant EAC
20	HGD, EAC	74	f	cau	HGD with concomitant EAC
21	EAC	52	m	aa	
22	EAC	81	m	unk	
23	EAC	83	m	cau	
24	EAC	80	m	cau	
25	EAC	68	m	cau	
26	EAC	70	f	cau	
27	EAC	53	f	cau	
28	EAC	59	m	unk	
29	EAC	81	f	cau	
30	EAC	77	m	cau	
31	EAC	60	m	cau	
32	EAC	52	m	cau	
33	EAC	54	m	unk	
34	EAC	73	f	cau	
35	EAC	68	m	cau	

36	EAC	74	m	cau	
37	EAC	65	m	cau	
38	EAC	56	m	unk	
39	EAC	76	m	cau	
40	EAC	75	m	cau	
41	EAC	58	m	cau	
42	SCC	81	m	cau	
43	SCC	59	m	aa	
44	SCC	42	f	aa	
45	SCC	67	m	cau	
46	SCC	86	m	aa	
47	SCC	59	m	cau	
48	SCC	74	f	cau	
49	SCC	87	m	cau	
50	SCC	80	m	aa	
51	gastric mucosa	84	m	cau	Gastric Mucosa from a esophagectomy for cancer
52	gastric mucosa	53	f	cau	Gastric Mucosa from a esophagectomy for cancer
53	gastric mucosa	56	m	unk	Gastric Mucosa from a esophagectomy for cancer
54	gastric mucosa	65	m	cau	Gastric Mucosa from a esophagectomy for HGD
55	gastric mucosa	83	m	cau	Gastric Mucosa from a esophagectomy for cancer
56	non-cancer gastric mucosa	56	f	cau	Partial Gastrectomy for Recurrent Hiatal Hernia
57	non-cancer gastric mucosa	55	m	aa	Partial Gastrectomy for Erosive Gastritis
58	non-cancer gastric mucosa	68	f	aa	Partial Gastrectomy for Peptic Ulcer Disease
59	non-cancer gastric mucosa	26	f	cau	Partial Gastrectomy for Gastrointestinal Stromal Tumor
60	non-cancer gastric mucosa	69	f	cau	Partial Gastrectomy for Peptic Ulcer Disease
61	intestinal type adenocarcinoma	59	m	aa	
62	intestinal type adenocarcinoma	62	f	aa	
63	intestinal type adenocarcinoma	68	m	aa	
64	intestinal type adenocarcinoma	78	f	cau	
65	intestinal type adenocarcinoma	79	f	aa	
66	intestinal type adenocarcinoma	81	m	cau	
67	intestinal type adenocarcinoma	84	f	aa	
68	intestinal type adenocarcinoma	52	f	aa	
69	intestinal type adenocarcinoma	73	m	cau	
70	intestinal type adenocarcinoma	71	m	cau	
71	intestinal type adenocarcinoma	76	m	cau	
72	intestinal type adenocarcinoma	77	m	cau	
73	intestinal type adenocarcinoma	83	f	aa	
74	intestinal type adenocarcinoma	87	f	aa	
75	intestinal type adenocarcinoma	80	m	cau	
76	intestinal type adenocarcinoma	77	f	aa	
77	intestinal type adenocarcinoma	79	f	cau	
78	Poorly Diff Mucinous/Signet Ring Adenocarcinoma	47	m	cau	
79	Poorly Diff Mucinous/Signet Ring Adenocarcinoma	84	f	cau	

80	Poorly Diff Mucinous/Signet Ring Adenocarcinoma	61	m	cau	
81	Poorly Diff Mucinous/Signet Ring Adenocarcinoma	85	m	aa	
81	Poorly Diff Mucinous/Signet Ring Adenocarcinoma	56	f	aa	
83	Poorly Diff Mucinous/Signet Ring Adenocarcinoma	68	f	unk	
84	Poorly Diff Mucinous/Signet Ring Adenocarcinoma	81	f	cau	
85	Poorly Diff Mucinous/Signet Ring Adenocarcinoma	77	f	cau	
86	Poorly Diff Mucinous/Signet Ring Adenocarcinoma	60	f	aa	
87	Poorly Diff Mucinous/Signet Ring Adenocarcinoma	74	f	cau	
88	Poorly Diff Mucinous/Signet Ring Adenocarcinoma	87	m	aa	
89	Poorly Diff Mucinous/Signet Ring Adenocarcinoma	70	m	cau	
90	Poorly Diff Mucinous/Signet Ring Adenocarcinoma	60	f	aa	
91	Poorly Diff Mucinous/Signet Ring Adenocarcinoma	46	m	cau	
92	Poorly Diff Mucinous/Signet Ring Adenocarcinoma	54	f	aa	
93	Duodenum Mucosa	44	f	cau	Serous adenoma of pancreas Whipple's Res
94	Duodenum Mucosa	62	f	cau	pancreas ca Whipple's Res
95	Duodenum Mucosa	73	f	cau	pancreas ca Whipple's Res
96	Duodenum Mucosa	83	m	cau	pancreas ca Whipple's Res
97	Duodenum Mucosa	76	m	cau	pancreas ca Whipple's Res
98	Duodenum Mucosa	61	m	cau	pancreas ca Whipple's Res
99	ampullary adenocarcinoma	60	f	AA	
100	ampullary adenocarcinoma	66	f	cau	
101	ampullary adenocarcinoma	68	f	cau	
102	ampullary adenocarcinoma	85	m	cau	
103	ampullary adenocarcinoma	68	f	cau	
104	adenocarcinoma of pancreas	73	f	cau	
104	adenocarcinoma of pancreas	44	m	cau	
106	adenocarcinoma of pancreas	72	f	cau	
107	adenocarcinoma of pancreas	67	f	cau	
108	adenocarcinoma of pancreas	46	m	cau	
109	adenocarcinoma of pancreas	75	m	cau	
110	adenocarcinoma of pancreas	61	f	cau	
111	adenocarcinoma of pancreas	62	f	cau	
112	adenocarcinoma of pancreas	63	f	cau	
113	adenocarcinoma of pancreas	73	f	cau	
114	adenocarcinoma of jejunum	59	m	cau	
115	adenocarcinoma of jejunum	58	m	aa	
116	adenocarcinoma of small intestine	51	f	aa	
117	adenocarcinoma of duodenum	58	f	cau	non ampullary
118	adenocarcinoma of jejunum	67	f	unk	
119	adenocarcinoma of duodenum	73	f	cau	non ampullary
120	adenocarcinoma of duodenum	70	m	cau	non ampullary
121	adenocarcinoma of jejunum	72	f	cau	