

Supplementary Material

Supplementary Table S1.

Pancreatic endocrine tumor tissues in TMA and mutational analyses

Patient No.	TMA Tissue	Mutational Analysis Tissue
1	Pancreas primary Liver metastasis	Pancreas primary
2	Lymph node metastasis Liver metastasis	Pancreas primary
3	Pancreas primary	---
4	Pancreas primary Lymph node metastasis Liver metastasis	Pancreas primary
5	Pancreas primary Diaphragm metastasis	Pancreas primary
6	Pancreas primary	---
7	Pancreas primary Liver metastasis	Pancreas primary
8	Pancreas primary Liver metastasis	---
9	Pancreas primary Lymph node metastasis	Pancreas primary
10	Pancreas primary Liver metastasis	Pancreas primary
11	Pancreas primary	Pancreas primary
12	Pancreas primary Liver metastasis	Pancreas primary
13	Pancreas primary Lymph node metastasis Liver metastasis	Pancreas primary
14	Pancreas primary	Pancreas primary
15	Pancreas primary Liver metastasis	Pancreas primary
16	Pancreas primary	Pancreas primary
17	Pancreas primary Lymph node metastasis	Pancreas primary

18	Pancreas primary	Pancreas primary
19	Pancreas primary	---
20	Pancreas primary Lymph node metastasis	Pancreas primary
21	Pancreas primary	Pancreas primary
22	Pancreas primary	Pancreas primary
23	Pancreas primary	Pancreas primary
24	Pancreas primary	Pancreas primary
25	Pancreas primary	Pancreas primary
26	Pancreas primary Liver metastasis	---
27	Pancreas primary Duodenum metastasis	---
28	Liver metastasis	Pancreas primary
29	Pancreas primary Liver metastasis	Pancreas primary
30	Pancreas primary	---
31	Pancreas primary Liver metastasis	Pancreas primary
32	Pancreas primary Liver metastasis	Pancreas primary
33	Pancreas primary Duodenum metastasis	Pancreas primary
34	Pancreas primary	Pancreas primary
35	Pancreas primary	Pancreas primary
36	Pancreas primary Lymph node metastasis Liver metastasis	Pancreas primary Liver metastasis
37	Pancreas primary	Pancreas primary
38	Pancreas primary	Pancreas primary
39	Pancreas primary	---
40	Pancreas primary	Pancreas primary
41	Pancreas primary	---
42	Pancreas primary	Pancreas primary
43	Pancreas primary	Pancreas primary
44	Liver metastasis	Pancreas primary

Supplementary Table S2.

Immunohistochemical antibodies

Antibody	Catalog Number (Source)	P/M*	Dilution
EGFR	sc-03 (Santa Cruz; Santa Cruz, CA)	P	1:50
PDGFRA	20R-PR008 (Fitzgerald Industries; Concord, MA)	P	1:50
VEGFR1	ab32152 (Abcam; Cambridge, MA).	M	1:100
mTOR	ab32028 (Abcam)	M	1:1000
IGF1R	3027 (Cell Signaling; Danvers, MA)	P	1:50
Hsp90	4874 (Cell Signaling)	P	1:50
TGFBR1	sc-398 (Santa Cruz)	P	1:50
SSTR2A	NB100-74537 (Novus Biologicals; Littleton, CO)	P	1:1500
SSTR5	ab28618 (Abcam)	P	1:1000
MGMT	MS-470-P (Thermo Scientific; Fremont, CA)	M	1:50

*P/M, polyclonal/monoclonal. The epitope retrieval method was steam EDTA for all antigens.