Table SI. Clinicopathological data of the patients.

ID number	Age, years	Sex	Tumor size, cm	Recurrence and metastasis	Lymphatic metastasis	SERPINA1	DAPK1	ATG4B
1	82	Female	>5	No	Yes	++	++	+++
2	66	Male	>5	No	No	++	++	+++
3	65	Female	>5	Yes	Yes	++	++	+++
4	47	Female	>5	No	Yes	++	-/+	+++
5	70	Female	>5	No	No	++	++	+++
6	68	Male	>5	No	No	++	-/+	+++
7	63	Male	>5	No	No	++	++	+++
8	80	Female	≤5	No	Yes	++	-/+	+++
9	80	Female	≤5	No	Yes	++	-/+	+++
10	84	Female	>5	No	No	++	++	+++
11	63	Male	>5	No	Yes	++	-/+	+++
12	73	Male	>5	No	Yes	+++	++	+++
13	53	Male	>5	No	Yes	-/+	++	+++
14	72	Male	>5	No	No	++	-/+	++
15	63	Male	>5	No	No	++	-/+	++
16	56	Male	>5	Yes	Yes	++	-/+	++
17	75	Female	>5	No	No	++	-/+	++
18	74	Male	>5	Yes	Yes	++	++	++
19	88	Male	>5	No	No	++	++	++
20	66	Male	≤5	No	No	+++	++	++
21	65	Male	>5	No	No	++	-/+	++
22	66	Male	>5	Yes	Yes	++	++	++
23	66	Male	>5	Yes	Yes	++	++	++
24	75	Male	>5	No	No	++	++	++
25	46	Male	>5	Yes	Yes	++	++	++
26	81	Female	>5	No	No	++	++	++
27	80	Female	>5	No	Yes	++	++	++
28	34	Male	>5	No	No	++	++	++
29	78	Female	>5	No	No	++	++	++
30	74	Male	≤5	No	No	++	+++	++
31	78	Male	≤5	No	No	+++	-/+	++
32	71	Female	≤5	No	No	+++	++	++
33	79	Female	>5	No	No	+++	++	++
34	77	Female	≤5	No	No	+++	++	++
35	68	Female	>5	Yes	Yes	++	-/+	++
36	74	Female	>5	No	No	++	++	++
37	69	Male	>5	No	No	++	-/+	-/+
38	72	Male	>5	No	Yes	++	-/+	-/+
39	69	Male	>5	No	Yes	++	++	-/+
40	58	Male	>5	No	No	++	-/+	-/+
41	34	Male	>5	No	No	++	++	-/+
42	42	Male	>5	No	No	++	++	-/+
43	42	Male	>5	No	No	++	++	-/+
44	60	Male	≤5	No	No	++	++	-/+
45	60	Female	>5	No	No	++	++	-/+

SERPINA1, serpin family A member 1; ATG4B, autophagy-related 4B cysteine peptidase; DAPK1, death-associated protein kinase 1; -/+, low expression; ++, medium expression; +++, high expression.