

Figure S1. Differential expression analysis of SCGB2A1 using The Cancer Genome Atlas database. Differential mRNA expression of SCGB2A1 between normal tissues and uterine corpus endometrial carcinoma samples, including (A) G3 cancer, (B) with tumor, (C) peritoneal cytology-positive, (D) stage III or IV, (E) stage IV, and (F) SEA tissues. SCGB2A1, secretoglobulin family 2A member 1; SEA, serous endometrial adenocarcinoma.

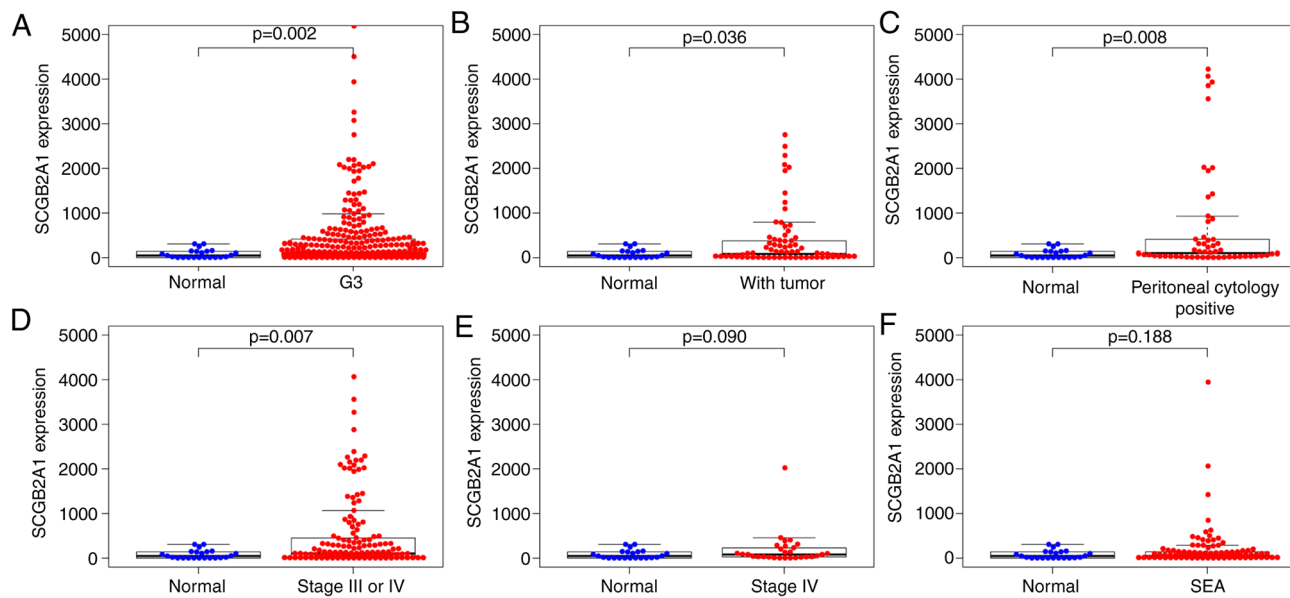


Table SI. SCGB2A1 expression in cancer versus normal tissues in the Oncomine database.

Cancer	Cancer type	P-value	Fold change	Rank, %	Sample counts, n	Reference (PMID)
Breast cancer	Invasive breast carcinoma stroma	1.22x10 ⁻¹²	11.867	9	59	18438415
	Medullary breast carcinoma	7.97x10 ⁻¹⁰	-4.09	8	176	24582497
Colorectal cancer	Colon carcinoma	1.80x10 ⁻¹⁴	-34.865	1	15	20957034
	Colon adenoma epithelia	4.33x10 ⁻¹¹	-17.778	1	15	20957034
	Colon adenoma	7.47x10 ⁻¹¹	-23.721	1	15	20957034
	Colon carcinoma epithelia	3.17x10 ⁻¹¹	-36.856	1	15	20957034
	Colon adenocarcinoma	3.07x10 ⁻³³	-11.242	1	123	TCGA
	Rectal adenocarcinoma	1.71x10 ⁻¹⁸	-9.059	4	82	TCGA
	Cecum adenocarcinoma	2.85x10 ⁻⁹	-11.210	9	44	TCGA
	Colon mucinous adenocarcinoma	1.56x10 ⁻⁷	-6.095	12	44	TCGA
	Colorectal carcinoma	3.56x10 ⁻¹⁷	-13.847	2	82	20143136
	Rectal adenocarcinoma	3.56x10 ⁻²⁸	-10.032	3	130	20725992
	Colon adenocarcinoma	2.27x10 ⁻⁷	-3.153	3	46	17615082
	Rectosigmoid adenocarcinoma	3.60x10 ⁻⁵	-2.905	4	15	17615082
	Colorectal carcinoma	1.74x10 ⁻¹⁰	-6.488	4	60	20957034
	Colorectal adenocarcinoma	1.57x10 ⁻⁶	-2.673	7	69	20957034
	Colon adenoma	1.69x10 ⁻⁸	-2.452	4	64	18171984
Esophageal cancer	Barrett's esophagus	3.23x10 ⁻⁵	4.536	9	43	21152079
Gastric cancer	Diffuse gastric adenocarcinoma	1.42x10 ⁻¹⁰	-8.275	1	50	23112551
	Gastric intestinal type adenocarcinoma	5.19x10 ⁻⁶	-5.821	2	39	23112551
	Gastric mixed adenocarcinoma	8.94x10 ⁻⁵	-6.739	3	29	23112551
	Gastric intestinal type adenocarcinoma	2.64x10 ⁻⁸	-21.390	1	57	19081245
	Gastric cancer	6.08x10 ⁻⁵	-5.545	3	160	21445269
Kidney cancer	Renal pelvis urothelial carcinoma	6.40x10 ⁻⁹	2.164	4	31	16115910
	Renal oncocytoma	1.08x10 ⁻¹⁰	2.405	4	35	16115910
	Chromophobe renal cell carcinoma	8.91x10 ⁻⁶	2.692	6	29	16115910
	Papillary renal cell carcinoma	1.48x10 ⁻⁷	2.639	7	34	16115910
	Clear cell renal cell carcinoma	1.13x10 ⁻¹⁰	-3.329	8	46	16115910
Melanoma	Benign melanocytic skin nevus	6.90x10 ⁻¹²	-54.318	1	25	16243793
	Cutaneous melanoma	1.40x10 ⁻⁹	-68.060	3	52	16243793
Ovarian cancer	Ovarian clear cell adenocarcinoma	5.47x10 ⁻⁵	3.403	6	12	27538791
	Ovarian endometrioid adenocarcinoma	1.78x10 ⁻⁵	4.200	8	41	27538791
	Ovarian carcinoma	2.23x10 ⁻⁹	11.625	6	195	25944803
	Ovarian serous adenocarcinoma	2.78x10 ⁻⁵	18.530	7	53	19486012
	Ovarian serous cystadenocarcinoma	5.10x10 ⁻⁷	-3.746	2	594	TCGA
Prostate cancer	Prostate adenocarcinoma	6.00x10 ⁻⁵	-2.311	5	89	18245496
Sarcoma	Gastrointestinal stromal tumor	5.39x10 ⁻¹²	-18.803	1	25	29725014

SCGB2A1, secretoglobulin family 2A member 1; TCGA, The Cancer Genome Atlas.

Table SII. Detailed information of the disqualified samples.

Characteristics	Patient number				
	1	2	3	4	5
Reason for discarding	Abnormal data (BMI)	Gene expression data missing	Gene expression data missing	Gene expression data missing	Gene expression data missing
Patient ID	TCGA-SJ-A6ZI	TCGA-AJ-A6NU	TCGA-DI-A1C3	TCGA-AP-A0LQ	TCGA-AJ-A4ZG
Survival time, days	428	632	739	2,457	498
Survival status	Alive	Alive	Alive	Alive	Alive
Age, years	64	64	38	59	53
Grade	G1	G1	G2	G2	G3
Stage	Stage I	Stage II	Stage I	Stage I	Stage IV
Status	Tumor free	Tumor free	Tumor free	Tumor free	With tumor
Histology	Endometrioid endometrial adenocarcinoma	Endometrioid endometrial adenocarcinoma	Endometrioid endometrial adenocarcinoma	Endometrioid endometrial adenocarcinoma	Serous endometrial adenocarcinoma
Surgical approach	Open	Minimally Invasive	Unknown	Open	Unknown
Myometrial invasion, %	75	0	8.60	5	31
Peritoneal cytology	Negative	Negative	Unknown	Negative	Positive
Residual tumor	R0	R0	R0	R0	Unknown
Pelvic lymph nodes	Negative	Negative	Unknown	Negative	Unknown
Para-aortic lymph nodes	Negative	Negative	Unknown	Negative	Unknown
Height, cm	66	165	171	163	163
Weight, kg	93	167	144	95	85
BMI	213.5	61.3	49.2	35.8	32.0

BMI, body mass index.