

Supplementary Description

Supplementary File S1

The medical data extracted from the database of TCGA-GDC includes information about sex, age, OS, grade, stage, distant metastasis, and metastasis of lymph node.

Supplementary File S2

The autophagy-related genes expression profiles extracted from the database of GSEA.

Supplementary File S3

Use Pearson correlation analysis to screen out autophagy-related lncRNAs from clinical data.

Supplementary File S4

Univariate Cox regression analysis in combination with the clinical survival data revealed the significant correlation of 20 lncRNAs with survival time.

Supplementary File S1

Id	futime	fustat	age	gender	grade	stage	T	M	N
TCGA-CJ-4916	1373	0	69	FEMALE	G3	Stage III	T3a	M0	NX
TCGA-B8-A8YJ	431	0	60	FEMALE	G2	Stage I	T1b	unknow	NX
TCGA-CJ-5678	574	1	62	MALE	G3	Stage IV	T2b	M1	N0
TCGA-BP-5190	1011	0	61	MALE	G3	Stage I	T1a	M0	NX
TCGA-B0-4718	616	0	57	MALE	G2	Stage III	T3a	M0	NX
TCGA-CJ-5679	679	1	73	MALE	G4	Stage III	T3b	M0	NX
TCGA-BP-4165	3037	0	64	FEMALE	G1	Stage I	T1b	M0	N0
TCGA-B0-5075	637	1	77	FEMALE	G2	Stage III	T3a	M0	N0
TCGA-BP-4774	1885	0	57	FEMALE	G2	Stage I	T1a	M0	NX
TCGA-B0-5084	222	1	33	MALE	G3	Stage IV	T3a	M1	N1
TCGA-B2-3924	371	0	73	MALE	G2	Stage I	T1b	M0	NX
TCGA-BP-4160	2881	0	67	MALE	G2	Stage III	T3a	M0	N0
TCGA-BP-5200	1063	0	44	MALE	G4	Stage II	T2	M0	NX
TCGA-B0-4814	168	1	58	MALE	G3	Stage IV	T4	M1	N0
TCGA-B8-5159	240	0	61	FEMALE	G3	Stage I	T1a	M0	N0
TCGA-B4-5377	365	0	68	FEMALE	G3	Stage IV	T3	M1	N0
TCGA-BP-4758	2208	0	40	MALE	G2	Stage I	T1a	M0	NX
TCGA-B0-5400	1132	0	59	FEMALE	G4	Stage III	T3b	M0	N0
TCGA-AK-3427	2566	0	65	MALE	GX	Stage I	T1a	M0	N0
TCGA-BP-4342	2256	1	79	MALE	G3	Stage II	T2	M0	N0
TCGA-BP-4354	1034	1	40	MALE	G4	Stage IV	T4	M1	N1
TCGA-CZ-5451	1668	0	74	MALE	G3	Stage II	T2	M0	N0
TCGA-B8-4148	379	0	63	FEMALE	G3	Stage I	T1a	M0	N0
TCGA-6D-AA2E	362	0	68	FEMALE	G2	Stage I	T1b	MX	NX
TCGA-CZ-5458	1558	0	43	MALE	G3	Stage III	T3a	M0	NX

TCGA-MM-A564	607	0	68	MALE	G2	Stage II	T2a	MX	NX
TCGA-B0-50771317	1	77	MALE	G3	Stage I	T1a	M0	N0	
TCGA-B4-5838166	0	52	MALE	G2	unknow	T3	M0	N1	
TCGA-B0-5117535	0	40	MALE	G2	Stage I	T1b	M0	NX	
TCGA-B8-A54G	53	0	50	MALE	G3	Stage I	T1a	MX	NX
TCGA-AK-3430480	1	61	MALE	G3	Stage III	T3b	M0	N1	
TCGA-B0-4701238	1	66	FEMALE	G3	Stage IV	T3a	M1	N0	
TCGA-BP-49621785	0	58	MALE	G2	Stage II	T2	M0	NX	
TCGA-BP-49631834	0	63	MALE	G3	Stage I	T1b	M0	NX	
TCGA-BP-41623074	0	65	FEMALE	G2	Stage I	T1b	M0	N0	
TCGA-CJ-49001714	1	69	FEMALE	G4	Stage IV	T4	M1	N1	
TCGA-CW-5580	1964	1	73	FEMALE	G3	Stage IV	T3a	M1	NX
TCGA-B0-481318	1	68	MALE	G3	Stage III	T3b	M0	NX	
TCGA-BP-4803204	0	79	MALE	G3	Stage III	T3a	M0	NX	
TCGA-AK-34431423	0	45	MALE	GX	Stage II	T2	M0	N0	
TCGA-B0-5109587	1	69	MALE	G4	Stage III	T3b	M0	N1	
TCGA-A3-33071436	0	66	MALE	G3	Stage III	T3b	M0	N0	
TCGA-B0-51001913	1	72	MALE	G3	Stage III	T3a	M0	NX	
TCGA-BP-41612746	0	74	MALE	G3	Stage I	T1b	M0	NX	
TCGA-BP-5010878	1	63	MALE	G4	Stage III	T3a	M0	N0	
TCGA-BP-51681463	1	75	MALE	G2	Stage I	T1a	M0	NX	
TCGA-A3-33231106	0	53	MALE	G1	Stage I	T1b	M0	NX	
TCGA-CJ-5677782	1	54	FEMALE	G4	Stage IV	T3a	M1	NX	
TCGA-A3-33351886	0	41	MALE	G4	Stage II	T2a	M0	N0	
TCGA-B2-5633358	0	56	MALE	G2	Stage I	T1b	M0	N0	
TCGA-BP-43261625	1	53	FEMALE	G2	Stage I	T1b	M0	N0	
TCGA-T7-A92I	356	0	47	FEMALE	G1	Stage I	T1a	MX	NX
TCGA-BP-41592601	1	70	MALE	G2	Stage I	T1b	M0	N0	
TCGA-A3-33851993	0	46	FEMALE	G2	Stage I	T1a	M0	N0	
TCGA-B8-4153405	0	74	MALE	G3	Stage III	T3a	M0	NX	
TCGA-A3-33191130	0	70	MALE	G2	Stage I	T1b	M0	NX	
TCGA-B2-5639417	0	46	MALE	G3	Stage IV	T3	M1	NX	
TCGA-BP-4974211	1	58	MALE	G4	Stage IV	T3a	M1	N0	
TCGA-BP-4355953	1	59	FEMALE	G4	Stage III	T3a	M0	NX	
TCGA-A3-33241186	0	51	MALE	G3	Stage I	T1b	M0	NX	
TCGA-B0-56913431	0	66	FEMALE	G3	Stage I	T1a	M0	N0	
TCGA-CJ-48841759	0	72	FEMALE	G3	Stage III	T3a	M0	NX	
TCGA-B0-57122722	0	68	FEMALE	G3	Stage IV	T2	M1	N0	
TCGA-B0-57131865	0	75	FEMALE	G3	Stage III	T3b	M0	N0	
TCGA-BP-47652184	0	43	MALE	G2	Stage I	T1a	M0	NX	
TCGA-AK-34581168	0	48	MALE	G3	Stage I	T1b	M0	NX	
TCGA-B4-5378175	0	62	MALE	G2	Stage I	T1	M0	N0	
TCGA-B4-583516	0	64	FEMALE	G2	Stage I	T1	M0	N0	
TCGA-B0-57031203	0	73	MALE	G3	Stage I	T1b	M0	N0	

TCGA-A3-33161493	0	57	MALE	G3	Stage II	T2	M0	NX	
TCGA-CJ-4912 1657	0	61	MALE	G3	Stage II	T2	M0	NX	
TCGA-B0-5097665	0	59	FEMALE	G2	Stage III	T3b	M0	N0	
TCGA-B8-4151280	0	51	FEMALE	G2	Stage III	T3a	M0	N0	
TCGA-DV-5569	355	0	29	FEMALE	G2	Stage I	T1a	M0	NX
TCGA-BP-5184 1133	0	54	MALE	G3	Stage I	T1a	M0	NX	
TCGA-CJ-4889 1946	0	63	FEMALE	G4	Stage I	T1a	M0	NX	
TCGA-A3-330816	0	77	FEMALE	G2	Stage III	T3b	M0	N0	
TCGA-AK-34561143	0	48	MALE	G3	Stage II	T2	M0	N0	
TCGA-B0-49452145	1	75	FEMALE	G2	Stage I	T1a	M0	N0	
TCGA-CZ-5470	0	72	FEMALE	G3	Stage II	T2	M0	N0	
TCGA-CJ-4878 2186	0	71	FEMALE	G2	Stage III	T3a	M0	NX	
TCGA-AK-34342087	0	72	MALE	G2	Stage I	T1b	M0	NX	
TCGA-B8-5550434	0	71	MALE	G3	Stage III	T3a	M0	N0	
TCGA-A3-33592504	0	82	FEMALE	G2	Stage I	T1a	M0	N0	
TCGA-B0-4697578	1	46	FEMALE	G4	Stage IV	T3b	M1	NX	
TCGA-CZ-4866 1768	0	79	FEMALE	G3	Stage I	T1	M0	NX	
TCGA-B0-5701 1732	0	65	MALE	G4	Stage III	T3b	M0	N0	
TCGA-A3-3343945	0	79	MALE	G3	Stage II	T2	M0	N0	
TCGA-DV-5574	723	0	37	MALE	G2	Stage I	T1a	M0	NX
TCGA-B0-4713 202	1	76	FEMALE	G2	Stage III	T3b	M0	NX	
TCGA-B0-509668	1	72	FEMALE	GX	Stage III	T3a	M0	N1	
TCGA-B8-A54F519	0	49	FEMALE	G2	Stage I	T1a	MX	NX	
TCGA-BP-4775 1843	0	55	FEMALE	G2	Stage I	T1a	M0	NX	
TCGA-A3-33761696	1	51	MALE	G2	Stage I	T1a	M0	N0	
TCGA-B0-5085 770	1	76	FEMALE	G3	Stage III	T3a	M0	N0	
TCGA-BP-4177 1670	0	65	MALE	G2	Stage I	T1a	M0	NX	
TCGA-CZ-4862 1843	0	46	MALE	G2	Stage I	T1b	M0	NX	
TCGA-B0-5115 797	0	43	MALE	G3	Stage IV	T2	M1	N0	
TCGA-BP-4965 1871	0	46	MALE	G2	Stage I	T1a	M0	NX	
TCGA-A3-3351910	0	42	MALE	G2	Stage II	T2a	M0	N0	
TCGA-DV-5573	1130	0	41	MALE	G2	Stage I	T1a	M0	NX
TCGA-CZ-5464 1492	0	69	MALE	G2	Stage IV	T3b	M1	NX	
TCGA-CJ-4871 2423	0	63	MALE	G4	Stage IV	T3a	M1	NX	
TCGA-BP-5000563	0	40	MALE	G3	Stage I	T1b	M0	NX	
TCGA-B0-4703 182	1	51	MALE	G4	Stage IV	T3a	M1	N0	
TCGA-CZ-5468 59	1	84	MALE	G4	Stage IV	T3b	M1	NX	
TCGA-AK-34501508	0	85	FEMALE	G2	Stage I	T1a	M0	N0	
TCGA-B0-4827885	1	77	FEMALE	G4	Stage III	T3b	M0	N0	
TCGA-BP-4756374	0	62	FEMALE	G2	Stage I	T1b	M0	N0	
TCGA-B0-5080342	1	63	MALE	G3	Stage IV	T3a	M1	N0	
TCGA-CZ-4860 206	1	60	MALE	G4	Stage IV	T4	M1	NX	
TCGA-CZ-5455 561	1	63	MALE	G4	Stage IV	T3b	M1	NX	
TCGA-BP-4995 1371	0	68	MALE	G3	Stage I	T1b	M0	N0	

TCGA-B0-5116657	0	52	MALE	G3	Stage III	T3b	M0	N0	
TCGA-CJ-4641	1661	1	55	FEMALE	G4	Stage IV	T3a	M1	NX
TCGA-BP-4982	1014	0	42	MALE	G3	Stage I	T1b	M0	NX
TCGA-AS-3777	1238	0	63	MALE	unknow	Stage I	T1a	M0	NX
TCGA-BP-4977	454	0	57	MALE	G3	Stage I	T1b	M0	NX
TCGA-B0-4816	1371	1	49	MALE	G3	Stage II	T2	M0	N0
TCGA-CZ-5459	1515	0	63	MALE	G3	Stage III	T3b	M0	NX
TCGA-BP-5192	714	0	59	MALE	G2	Stage I	T1a	M0	NX
TCGA-B0-4714	99	1	81	MALE	G3	Stage IV	T3b	M1	NX
TCGA-CZ-5453	25	0	67	MALE	G2	Stage II	T2	M0	NX
TCGA-BP-5178	1912	1	71	MALE	G4	Stage IV	T3a	M1	NX
TCGA-3Z-A93Z	385	0	69	MALE	G2	Stage I	T1a	M0	N0
TCGA-B0-4852	1121	1	78	FEMALE	G2	Stage II	T2	M0	N0
TCGA-B0-4815	1588	1	65	MALE	G4	Stage III	T3a	M0	NX
TCGA-CJ-4875	2353	0	67	MALE	G3	Stage IV	T3a	M1	NX
TCGA-A3-3306	1120	0	67	MALE	G3	Stage I	T1b	M0	N0
TCGA-AS-3778	43	0	35	MALE	G1	Stage I	T1a	M0	NX
TCGA-CW-5587	2226	0	62	FEMALE	G2	Stage III	T3b	M0	N0
TCGA-CJ-4907	1499	0	58	MALE	G3	Stage III	T3b	M0	NX
TCGA-A3-3328	1385	0	79	MALE	G2	Stage I	T1b	M0	N0
TCGA-AK-3451	1481	0	48	MALE	G3	Stage II	T2	M0	N0
TCGA-BP-5185	1132	0	56	MALE	G3	Stage I	T1a	M0	NX
TCGA-BP-4762	1343	1	42	MALE	G3	Stage I	T1a	M0	NX
TCGA-CW-5584	164	1	74	MALE	G3	Stage III	T3b	M0	N1
TCGA-BP-5191	967	0	79	MALE	G2	Stage III	T3a	M0	N0
TCGA-B0-4688	101	1	46	MALE	G4	Stage IV	T4	M1	N0
TCGA-CJ-5681	552	1	44	FEMALE	G3	Stage IV	T3a	M1	NX
TCGA-B0-4699	110	1	74	MALE	G4	Stage IV	T4	M1	N0
TCGA-CJ-4908	1531	0	38	MALE	G2	Stage I	T1a	M0	NX
TCGA-B0-4821	1230	1	68	FEMALE	G3	Stage III	T3b	M0	N0
TCGA-BP-4173	1893	0	47	MALE	G3	Stage II	T2	M0	N0
TCGA-CW-5588	2017	0	78	FEMALE	G2	Stage I	T1a	M0	NX
TCGA-B2-4101	188	0	52	MALE	G3	Stage II	T2a	M0	NX
TCGA-BP-4795	620	0	74	FEMALE	G2	Stage I	T1a	M0	N0
TCGA-AK-3455	683	1	71	FEMALE	G3	Stage III	T3b	M0	NX
TCGA-CJ-5675	2430	0	70	MALE	G3	Stage II	T2a	M0	NX
TCGA-AK-3431	1853	0	62	FEMALE	G3	Stage II	T2	M0	NX
TCGA-BP-5189	822	1	60	MALE	G4	Stage I	T1b	M0	NX
TCGA-A3-3326	1137	0	47	MALE	G1	Stage I	T1a	M0	NX
TCGA-CJ-5682	1883	0	60	MALE	G4	Stage IV	T3a	M1	NX
TCGA-A3-A8OW	323	0	37	MALE	G2	Stage III	T3a	MX	NX
TCGA-B0-5695	1420	0	61	FEMALE	G2	Stage I	T1b	M0	N0
TCGA-AK-3465	369	0	71	FEMALE	GX	Stage I	T1b	M0	NX
TCGA-A3-A6NL	689	0	49	FEMALE	G2	Stage I	T1b	MX	NX

TCGA-BP-47891489	0	48	MALE	G2	Stage I	T1a	M0	NX
TCGA-B2-409851	1	72	FEMALE	G2	Stage I	T1b	M0	NX
TCGA-BP-51811495	0	58	FEMALE	G2	Stage I	T1b	M0	NX
TCGA-CJ-56831889	0	78	MALE	G3	Stage I	T1b	M0	NX
TCGA-B4-58447	0	61	FEMALE	G1	Stage II	T2	M0	NO
TCGA-GK-A6C7	61	0	76	FEMALE	unknow	Stage I	T1a	MX NX
TCGA-CW-5585	2609	0	51	MALE	G2	Stage IV	T3b	M1 NO
TCGA-BP-48041459	0	59	MALE	G2	Stage I	T1b	M0	NX
TCGA-BP-49592660	0	49	MALE	G3	Stage I	T1b	M0	NX
TCGA-B8-4154255	0	73	FEMALE	G2	Stage I	T1a	M0	NO
TCGA-CJ-48761955	0	57	MALE	G3	Stage II	T2b	M0	NO
TCGA-B0-57001082	0	77	MALE	G2	Stage I	T1a	M0	NO
TCGA-B0-48371378	1	63	MALE	G3	Stage I	T1b	M0	NO
TCGA-BP-5177293	0	46	FEMALE	G3	Stage I	T1a	M0	NX
TCGA-CZ-4865166	1	70	FEMALE	G2	Stage I	T1a	M0	NX
TCGA-B8-A54E909	0	62	FEMALE	G3	Stage I	T1b	MX	NX
TCGA-B0-4844313	1	60	MALE	G3	Stage IV	T3a	M1	NX
TCGA-B0-56921487	0	66	FEMALE	G3	Stage III	T3b	M0	NO
TCGA-B0-5088563	1	53	MALE	G3	Stage I	T1b	M0	NO
TCGA-B0-57093117	0	62	FEMALE	G3	Stage III	T3a	M0	NX
TCGA-BP-41583377	0	69	MALE	G2	Stage I	T1b	M0	NO
TCGA-AK-34401745	0	58	MALE	G3	Stage I	T1a	M0	NX
TCGA-CJ-48721435	0	51	MALE	G4	Stage I	T1b	M0	NO
TCGA-B8-5545522	0	42	MALE	G2	Stage I	T1a	M0	NO
TCGA-B4-5832155	0	65	MALE	G2	Stage III	T3b	M0	NO
TCGA-B2-3923362	0	59	MALE	G2	Stage II	T2	M0	NX
TCGA-BP-47771731	0	46	MALE	G3	Stage I	T1a	M0	NX
TCGA-BP-5194408	0	39	MALE	G2	Stage I	T1a	M0	NX
TCGA-BP-4993177	0	58	MALE	G3	Stage I	T1a	M0	NX
TCGA-A3-A8OX	0	0	65	FEMALE	G3	Stage I	T1a	MX NX
TCGA-CJ-48921521	0	65	FEMALE	G2	Stage I	T1b	M0	NO
TCGA-B0-56982583	0	77	MALE	G3	Stage I	T1b	M0	NO
TCGA-CZ-54651377	0	76	FEMALE	G2	Stage III	T3b	M0	NX
TCGA-B0-5081362	1	79	FEMALE	G2	Stage III	T3b	M0	NO
TCGA-B0-4694106	1	72	MALE	G4	Stage III	T3b	M0	NX
TCGA-BP-50011177	0	43	FEMALE	G2	Stage I	T1b	M0	NX
TCGA-B8-5553435	0	67	FEMALE	G2	Stage I	T1b	M0	NO
TCGA-CW-6088	3222	0	60	MALE	G2	Stage I	T1b	M0 NO
TCGA-B0-4838834	1	69	FEMALE	G3	Stage I	T1b	M0	NO
TCGA-B0-48111417	1	48	MALE	G3	Stage III	T3a	M0	NO
TCGA-BP-416613	0	69	MALE	G3	Stage III	T3a	M0	NO
TCGA-B8-461919	0	58	MALE	G2	Stage I	T1a	M0	NO
TCGA-BP-49871124	0	41	FEMALE	G2	Stage I	T1b	M0	NX
TCGA-B8-5552392	0	41	FEMALE	G2	Stage I	T1b	M0	NX

TCGA-A3-3365873	0	46	MALE	G2	Stage I	T1a	M0	NX	
TCGA-A3-33672270	0	72	MALE	G3	Stage I	T1b	M0	NO	
TCGA-CJ-4885	2125	0	64	MALE	G3	Stage IV	T3a	M1	NX
TCGA-BP-51702412	0	55	MALE	G2	Stage I	T1a	M0	NX	
TCGA-CJ-6031	1906	0	54	MALE	G3	Stage I	T1b	M0	NX
TCGA-CJ-4882	1883	0	57	MALE	G3	Stage III	T3a	M0	NX
TCGA-CJ-4881	2014	0	41	MALE	G3	Stage III	T3a	M0	NX
TCGA-CJ-4897	1808	0	79	FEMALE	G3	Stage III	T3a	M0	NX
TCGA-BP-4781	2080	0	78	MALE	G3	Stage I	T1a	M0	NX
TCGA-CJ-6032	2548	0	63	FEMALE	G3	Stage II	T2	M0	NX
TCGA-DV-5576	727	1	55	FEMALE	G2	Stage I	T1a	M0	NX
TCGA-BP-4989	118	0	58	MALE	G3	Stage III	T3a	M0	NO
TCGA-BP-4797	1107	0	34	MALE	G3	Stage III	T3b	M0	NO
TCGA-B0-4810	478	1	47	MALE	G3	Stage III	T3a	M0	N1
TCGA-BP-5199	1355	0	58	MALE	G4	Stage II	T2	M0	NO
TCGA-CJ-6030	2299	1	65	MALE	G3	Stage I	T1a	M0	NO
TCGA-B8-5162	22	0	62	MALE	G2	Stage II	T2a	M0	NX
TCGA-MW-A4EC	498	0	72	FEMALE	G2	Stage I	T1a	MX	NX
TCGA-B4-5836	141	0	61	FEMALE	G2	Stage I	T1b	M0	NO
TCGA-B0-4833	2386	1	82	FEMALE	G2	Stage I	T1b	M0	NO
TCGA-B0-4691	139	1	55	MALE	G3	Stage IV	T2	M1	NO
TCGA-BP-4343	1912	1	64	MALE	G3	Stage III	T3a	M0	NO
TCGA-B0-5119	59	0	61	FEMALE	G2	Stage I	T1b	M0	NO
TCGA-CJ-4903	1560	0	50	MALE	G3	Stage I	T1b	M0	NX
TCGA-CZ-5457	1547	0	62	MALE	G4	Stage III	T3a	M0	NX
TCGA-BP-4967	205	0	76	MALE	G2	Stage III	T3a	M0	NO
TCGA-B8-4621	431	0	63	MALE	G3	Stage I	T1b	M0	NO
TCGA-BP-5196	1018	0	53	MALE	G2	Stage I	T1a	M0	NX
TCGA-CW-5581	2799	0	44	MALE	G3	Stage I	T1b	M0	NX
TCGA-B0-4823	454	1	88	MALE	G2	Stage I	T1a	M0	NO
TCGA-CZ-5982	2042	0	59	FEMALE	G2	Stage I	T1a	M0	NX
TCGA-A3-3313	735	1	59	MALE	G3	Stage I	T1b	M0	NO
TCGA-CZ-5986	373	0	61	MALE	G3	Stage I	T1	M0	NO
TCGA-CZ-5988	693	0	38	MALE	G2	Stage I	T1b	M0	NO
TCGA-BP-4327	109	1	75	FEMALE	G2	Stage II	T2	M0	NO
TCGA-CJ-4891	819	1	57	FEMALE	G4	Stage III	T3c	M0	NO
TCGA-B8-4146	511	0	41	FEMALE	G2	Stage I	T1b	M0	NX
TCGA-BP-4975	1433	0	40	MALE	G3	Stage I	T1b	M0	NX
TCGA-A3-3329	1624	0	75	MALE	G2	Stage I	T1b	M0	NO
TCGA-B0-5102	2764	1	74	FEMALE	G3	Stage I	T1	M0	NX
TCGA-A3-3374	1314	0	51	FEMALE	G2	Stage I	T1b	M0	NO
TCGA-B8-A7U6	495	0	54	FEMALE	G3	Stage I	T1a	unknow	NX
TCGA-B0-5113	359	0	69	FEMALE	G2	Stage III	T3a	M0	NO
TCGA-BP-5195	749	0	75	MALE	G2	Stage I	T1a	M0	NX

TCGA-BP-47602361	0	69	MALE	G2	Stage I	T1a	M0	NX
TCGA-B8-5549194	0	53	MALE	G3	Stage I	T1b	M0	N0
TCGA-BP-51821165	0	56	MALE	G3	Stage I	T1a	M0	N0
TCGA-BP-4771162	1	62	MALE	G4	Stage IV	T3a	M1	N0
TCGA-BP-5175932	0	60	MALE	G3	Stage I	T1a	M0	NX
TCGA-CJ-46361924	0	51	MALE	G3	Stage III	T3a	M0	N0
TCGA-A3-33471610	1	76	FEMALE	G2	Stage III	T1b	M0	N1
TCGA-BP-4988828	1	72	MALE	G2	Stage I	T1a	M0	N0
TCGA-CJ-56842231	0	61	MALE	G2	Stage III	T3a	M0	NX
TCGA-B0-48342090	1	49	MALE	G3	Stage I	T1a	M0	N0
TCGA-B0-48171019	1	81	MALE	G3	Stage III	T3c	M0	N0
TCGA-CJ-46341820	0	60	FEMALE	G2	Stage I	T1b	M0	NX
TCGA-BP-49731384	0	47	MALE	G3	Stage III	T3a	M0	NX
TCGA-B8-A54D	830	0	69	MALE	G2	Stage III	T3a	MX NX
TCGA-B8-A54J	528	0	60	MALE	G2	Stage II	T2a	MX NX
TCGA-A3-33311257	0	86	FEMALE	G2	Stage I	T1	M0	N0
TCGA-BP-4169701	1	76	FEMALE	G2	Stage II	T2	M0	N0
TCGA-CW-5590	1075	1	51	MALE	G3	Stage IV	T3a	M1 NX
TCGA-BP-517362	1	75	MALE	G2	Stage I	T1a	M0	NX
TCGA-CW-6097	571	1	32	MALE	G4	Stage III	T3a	M0 NX
TCGA-B0-56933076	0	47	FEMALE	G2	Stage I	T1b	M0	NX
TCGA-A3-33702274	0	48	FEMALE	G2	Stage I	T1b	M0	N0
TCGA-BP-41741879	0	49	MALE	G3	Stage II	T2	M0	N0
TCGA-CZ-5454722	1	63	MALE	G2	Stage IV	T2	M1	N0
TCGA-AK-34362044	0	40	MALE	G2	Stage IV	T2	M1	N0
TCGA-BP-5198603	0	72	MALE	G3	Stage III	T3b	M0	N0
TCGA-CJ-48731776	0	85	FEMALE	G3	Stage III	T3a	M0	N0
TCGA-BP-5186693	0	50	FEMALE	G2	Stage I	T1a	M0	N0
TCGA-BP-4998932	0	49	MALE	G3	Stage I	T1a	M0	NX
TCGA-CJ-49021520	0	61	MALE	G3	Stage III	T3a	M0	NX
TCGA-CW-5589	2378	0	52	MALE	G2	Stage I	T1a	M0 NX
TCGA-CZ-5466685	0	67	MALE	G2	Stage III	T3a	M0	NX
TCGA-BP-50081071	0	46	MALE	G2	Stage I	T1a	M0	NX
TCGA-CJ-48742283	0	73	FEMALE	G3	Stage I	T1b	M0	N0
TCGA-A3-A6NN	3	0	78	MALE	G2	Stage I	T1a	MX NX
TCGA-AK-3461853	0	72	MALE	G2	Stage I	T1a	M0	NX
TCGA-CJ-56862038	0	59	FEMALE	G3	Stage I	T1b	M0	NX
TCGA-B0-4847793	1	60	MALE	G3	Stage IV	T3a	M1	NX
TCGA-A3-33221478	0	51	MALE	G2	Stage I	T1a	M0	NX
TCGA-BP-5187406	0	54	MALE	G2	Stage I	T1a	M0	NX
TCGA-BP-47631270	1	79	FEMALE	G2	Stage I	T1a	M0	NX
TCGA-B8-4622181	0	57	MALE	G3	Stage IV	T3a	M1	N0
TCGA-BP-47841854	0	67	FEMALE	G2	Stage I	T1a	M0	NX
TCGA-CJ-49011450	0	47	MALE	G3	Stage III	T3b	M0	NX

TCGA-BP-49911413	0	54	MALE	G2	Stage I	T1a	M0	NX
TCGA-CW-6096	2701	0	44	FEMALE	G2	Stage I	T1a	M0 NX
TCGA-BP-49991266	0	56	MALE	G2	Stage I	T1a	M0	NX
TCGA-CJ-46421628	0	47	MALE	G2	Stage II	T2	M0	NX
TCGA-A3-A6NI1018	0	47	MALE	G3	Stage I	T1a	MX	NX
TCGA-CZ-48631691	0	51	FEMALE	G3	Stage III	T3b	M0	NO
TCGA-B8-51658	0	43	MALE	G2	Stage I	T1a	M0	NO
TCGA-B0-48221111	1	78	MALE	G4	Stage II	T2	M0	NX
TCGA-BP-43411589	1	67	MALE	G2	Stage III	T3a	M0	NX
TCGA-B2-5636265	0	79	MALE	G2	Stage I	T1a	M0	NX
TCGA-DV-5565	1329	0	59	MALE	G2	Stage I	T1a	M0 NX
TCGA-B2-4102202	0	61	MALE	G2	Stage I	T1b	M0	NX
TCGA-BP-49681746	0	40	MALE	G3	Stage I	T1b	M0	NO
TCGA-CZ-48581943	0	39	MALE	G4	Stage II	T2	M0	NX
TCGA-BP-4787480	1	59	FEMALE	G4	Stage IV	T3a	M1	NO
TCGA-CZ-48591787	0	59	FEMALE	G2	Stage I	T1	M0	NO
TCGA-A3-33572688	0	62	MALE	G3	Stage II	T2	M0	NO
TCGA-CJ-48951200	1	62	MALE	G4	Stage IV	T3a	M1	NX
TCGA-BP-50091092	1	52	MALE	G3	Stage I	T1b	M0	NX
TCGA-B0-56961727	0	69	MALE	G4	Stage III	T3a	M0	NO
TCGA-B0-57072828	0	39	FEMALE	G3	Stage I	T1a	M0	NO
TCGA-CZ-5469946	1	41	MALE	G2	Stage II	T2	M0	NO
TCGA-BP-4334645	1	56	MALE	G3	Stage III	T3a	M0	NO
TCGA-CW-6090	2552	0	68	MALE	G3	Stage I	T1b	M0 NX
TCGA-BP-47901111	1	76	MALE	G2	Stage I	T1a	M0	NX
TCGA-B8-5546505	0	38	FEMALE	G2	Stage I	T1b	M0	NO
TCGA-B0-5095245	1	81	MALE	G3	Stage III	T3a	M0	NO
TCGA-B0-470665	1	61	MALE	G4	Stage III	T3a	M0	NX
TCGA-BP-4353375	1	61	MALE	G2	Stage I	T1	M0	NO
TCGA-CZ-4861446	1	63	MALE	G2	Stage II	T2	M0	NX
TCGA-B0-469377	1	72	FEMALE	G4	Stage III	T3a	M0	NO
TCGA-G6-A8L6313	1	55	MALE	G3	Stage IV	T2a	MX	NX
TCGA-CW-5583	2489	0	51	FEMALE	G2	Stage I	T1a	M0 NX
TCGA-MM-A84U	700	0	58	FEMALE	G2	Stage I	T1a	MX NX
TCGA-AK-34531397	0	58	FEMALE	G2	Stage II	T2	M0	NX
TCGA-B0-50981584	1	53	FEMALE	G3	Stage I	T1	M0	NX
TCGA-CJ-4644336	1	48	FEMALE	G3	Stage IV	T3a	M1	NO
TCGA-G6-A5PC	242	1	54	FEMALE	G4	Stage IV	T1b	M1 NO
TCGA-CZ-54521556	0	69	MALE	G2	Stage II	T2	M0	NO
TCGA-DV-A4W0	2008	0	55	MALE	G3	Stage I	T1b	MX NX
TCGA-CZ-485618	0	62	FEMALE	G2	Stage I	T1b	M0	NO
TCGA-CJ-48692554	0	49	MALE	G2	Stage III	T2	M0	N1
TCGA-BP-5201951	0	63	MALE	G4	Stage IV	T3b	M1	NO
TCGA-AK-34332192	0	48	FEMALE	GX	Stage II	T2	M0	NO

TCGA-B8-4620226	0	70	FEMALE	G2	Stage III	T3a	M0	N0
TCGA-A3-33731621	0	54	FEMALE	G3	Stage I	T1b	M0	N0
TCGA-CJ-4893750	0	76	FEMALE	G3	Stage I	T1b	M0	NX
TCGA-BP-43461493	1	57	MALE	G3	Stage III	T3b	M0	N0
TCGA-EU-5905119	0	67	FEMALE	G3	Stage I	T1	M0	NX
TCGA-A3-33621559	0	60	FEMALE	G2	Stage I	T1a	M0	N0
TCGA-CJ-5680768	1	65	FEMALE	G4	Stage IV	T3a	M1	NX
TCGA-B8-516423	0	65	MALE	G3	Stage III	T3a	M0	N0
TCGA-B4-583438	0	59	MALE	G1	Stage I	T1	M0	N0
TCGA-B8-51634	0	63	FEMALE	G3	Stage III	T3a	M0	N0
TCGA-CJ-48701498	0	58	FEMALE	G2	Stage III	T3a	M0	NX
TCGA-B0-50831045	1	63	MALE	G3	Stage I	T1a	M0	N0
TCGA-BP-4340562	1	70	FEMALE	G2	Stage I	T1b	M0	N0
TCGA-CZ-59851629	0	58	MALE	G2	Stage II	T2	M0	N0
TCGA-BP-41632839	0	60	FEMALE	G3	Stage III	T3a	M0	N0
TCGA-B2-A4SR507	0	61	MALE	unknow	Stage II	T2a	M0	NX
TCGA-BP-4986785	0	75	MALE	G3	Stage I	T1a	M0	N0
TCGA-BP-49602172	0	46	MALE	G3	Stage II	T2	M0	N0
TCGA-A3-33111191	1	57	MALE	G2	Stage I	T1	M0	NX
TCGA-B0-4696866	1	58	MALE	G3	Stage III	T3a	M0	N0
TCGA-CZ-546773	1	86	FEMALE	G4	Stage III	T3a	M0	N0
TCGA-B0-5107927	1	65	FEMALE	G4	Stage IV	T2	M1	N0
TCGA-B0-5092459	1	53	FEMALE	G3	Stage IV	T1a	M1	N0
TCGA-CJ-48991528	0	42	MALE	G2	Stage I	T1b	M0	NX
TCGA-BP-43441666	0	75	FEMALE	G2	Stage I	T1a	M0	NX
TCGA-B0-48461200	1	52	MALE	G2	Stage IV	T3a	M1	N0
TCGA-DV-A4VX	1626	1	59	MALE	G4	Stage IV	T3b	MX N0
TCGA-B2-4099374	0	83	MALE	G3	Stage I	T1a	M0	NX
TCGA-G6-A8L81091	1	62	FEMALE	G3	Stage I	T1b	MX	NX
TCGA-AK-3426885	1	37	MALE	G3	Stage III	T3a	M0	N1
TCGA-B0-56992741	0	53	MALE	G2	Stage I	T1	M0	N0
TCGA-AK-34253343	0	68	MALE	G2	Stage I	T1	M0	N0
TCGA-BP-4770329	1	73	FEMALE	G4	Stage IV	T4	M0	N0
TCGA-B0-57062414	0	45	MALE	G2	Stage II	T2	M0	N0
TCGA-B0-4819183	1	60	FEMALE	G4	Stage IV	T3b	M1	NX
TCGA-B0-5402449	0	64	MALE	G4	Stage IV	T4	M0	NX
TCGA-A3-33491385	0	34	FEMALE	G2	Stage I	T1b	M0	N0
TCGA-B0-58122963	0	53	MALE	G3	Stage I	T1b	M0	NX
TCGA-B0-48421724	1	73	FEMALE	G4	Stage III	T3a	M0	N0
TCGA-BP-48011124	0	57	MALE	G2	Stage I	T1a	M0	NX
TCGA-A3-3378630	0	60	MALE	G3	Stage I	T1	M0	N0
TCGA-DV-5575	1006	0	52	FEMALE	G2	Stage I	T1a	M0 NX
TCGA-B2-5641324	0	79	MALE	G3	Stage I	T1a	M0	N0
TCGA-B0-484969	1	51	MALE	G3	Stage III	T3a	M0	NX

TCGA-B8-5158293	0	56	MALE	G4	Stage III	T3a	M0	N1	
TCGA-BP-50071140		0	45	MALE	G2	Stage II	T2	M0	NO
TCGA-B0-57101459		0	57	MALE	G2	Stage I	T1b	M0	NO
TCGA-BP-51761590		1	78	FEMALE	G2	Stage I	T1a	M0	NX
TCGA-BP-4782354	0	55	FEMALE	G2	Stage I	T1a	M0	NX	
TCGA-EU-5907127	0	81	MALE	G3	Stage III	T3a	M0	NX	
TCGA-B8-A54I	150	0	48	MALE	G3	Stage I	T1b	MX	NX
TCGA-B0-47121337		1	76	MALE	G3	Stage IV	T3a	M1	NX
TCGA-BP-49641862		0	54	FEMALE	G2	Stage I	T1a	M0	NO
TCGA-BP-4351970	0	51	FEMALE	G2	Stage III	T3a	M0	NO	
TCGA-BP-4164992	1	51	FEMALE	G2	Stage III	T3a	M0	NX	
TCGA-BP-41702343		1	72	FEMALE	G2	Stage I	T1b	M0	NO
TCGA-DV-5567	910	0	40	FEMALE	G2	Stage I	T1a	M0	NX
TCGA-CZ-59891599		0	60	MALE	G2	Stage II	T2	M0	NO
TCGA-DV-A4VZ	365	0	53	MALE	G2	Stage I	T1a	MX	NX
TCGA-CJ-491893	1	64	MALE	G4	Stage IV	T3a	M1	NO	
TCGA-CZ-54561558		0	57	MALE	G3	Stage II	T2	M0	NO
TCGA-BP-43312454		1	52	MALE	G2	Stage I	T1a	M0	NO
TCGA-B0-57112931		0	50	MALE	G3	Stage III	T3b	M0	NX
TCGA-EU-5904551	0	47	FEMALE	G1	Stage I	T1	M0	NX	
TCGA-CJ-48902085		0	72	MALE	G4	Stage IV	T3a	M1	NO
TCGA-B0-469842	1	75	MALE	G4	Stage IV	T4	M0	NX	
TCGA-CZ-5987445	1	60	MALE	G2	Stage IV	T3b	M1	NX	
TCGA-BP-43301888		0	60	FEMALE	G2	Stage III	T3a	M0	NO
TCGA-CJ-4638431	1	46	FEMALE	G4	Stage IV	T3a	M1	N1	
TCGA-A3-3380567	0	54	MALE	G2	Stage I	T1	M0	NO	
TCGA-G6-A8L72133		0	81	FEMALE	G3	Stage I	T1b	MX	NO
TCGA-BP-49711487		0	40	MALE	G3	Stage III	T3a	M0	NO
TCGA-BP-47991133		1	70	MALE	G3	Stage III	T3b	M0	NO
TCGA-CZ-48541404		1	68	MALE	G2	Stage I	T1b	M0	NO
TCGA-A3-3387617	0	49	MALE	G2	Stage I	T1a	M0	NO	
TCGA-B0-51040	1	90	FEMALE	G2	Stage I	T1	M0	NO	
TCGA-B0-57053668		0	65	FEMALE	G2	Stage I	T1	M0	NO
TCGA-A3-A8CQ	3	0	59	FEMALE	G2	Stage I	T1a	MX	NX
TCGA-DV-5566	1398	0	67	FEMALE	G2	Stage I	T1a	M0	NX
TCGA-BP-49761632		0	77	MALE	G3	Stage I	T1a	M0	NX
TCGA-A3-33581307		0	57	FEMALE	G2	Stage I	T1a	M0	NO
TCGA-B0-5694480	1	71	MALE	G3	Stage III	T3a	M0	NO	
TCGA-CJ-56890	1	90	MALE	G4	Stage I	T1b	M0	NX	
TCGA-BP-41672718		0	59	MALE	G2	Stage III	T3a	M0	NX
TCGA-BP-49691794		0	63	FEMALE	G2	Stage I	T1a	M0	NX
TCGA-B8-A54H	256	0	69	FEMALE	G3	Stage II	T2a	MX	NO
TCGA-B8-4143709	1	66	FEMALE	G3	Stage IV	T3a	M1	NO	
TCGA-BP-4776411	0	52	MALE	G2	Stage I	T1a	M0	NX	

TCGA-BP-51831291	0	57	MALE	G3	Stage III	T3a	M0	NX	
TCGA-A3-33171491	0	67	MALE	G2	Stage II	T2	M0	NO	
TCGA-CJ-6033224	1	54	FEMALE	G4	Stage IV	T3a	M1	NO	
TCGA-CW-6087	41	1	61	MALE	G4	Stage IV	T3a	M1	N1
TCGA-CZ-4853774	0	82	MALE	G2	Stage I	T1a	M0	NX	
TCGA-A3-A8OV	340	0	75	MALE	G2	Stage I	T1a	MX	NX
TCGA-BP-47661462	0	43	FEMALE	G3	Stage I	T1a	M0	NX	
TCGA-BP-43471367	0	74	MALE	G2	Stage III	T3b	M0	NX	
TCGA-EU-5906206	0	55	MALE	G2	Stage I	T1b	M0	NX	
TCGA-B0-469043	1	65	MALE	G3	Stage IV	T4	M1	NO	
TCGA-CJ-4923572	1	63	FEMALE	G4	Stage IV	T3a	M1	NX	
TCGA-B0-4843320	1	57	MALE	G3	Stage III	T3a	M0	NO	
TCGA-AK-3460951	0	58	MALE	G2	Stage I	T1a	M0	NX	
TCGA-CJ-49131173	1	45	FEMALE	G4	Stage III	T3a	M0	NX	
TCGA-CJ-56762575	0	47	MALE	G3	Stage III	T3b	M0	NX	
TCGA-CZ-48641315	1	86	MALE	G3	Stage II	T2	M0	NO	
TCGA-CJ-4920139	1	64	FEMALE	G2	Stage I	T1b	M0	NX	
TCGA-B0-5121554	0	56	MALE	G2	Stage I	T1b	M0	NO	
TCGA-DV-5568	370	0	26	MALE	G2	Stage I	T1a	M0	NX
TCGA-B0-56902408	0	53	FEMALE	G1	Stage I	T1b	M0	NX	
TCGA-B0-5094333	1	62	MALE	G2	Stage IV	T3b	M1	NO	
TCGA-BP-5169193	0	70	MALE	G4	Stage I	T1b	M0	NO	
TCGA-BP-49941308	0	54	MALE	G3	Stage I	T1a	M0	NX	
TCGA-AK-34292017	0	54	FEMALE	G2	Stage II	T2	M0	NO	
TCGA-CZ-48571432	1	56	MALE	G3	Stage IV	T3a	M1	NO	
TCGA-BP-4798334	1	74	MALE	G4	unknow	T3b	M1	NO	
TCGA-CZ-5461330	1	52	MALE	G4	Stage IV	T1b	M1	NX	
TCGA-BP-4768400	0	72	FEMALE	G2	Stage I	T1a	M0	NO	
TCGA-B0-48361238	1	61	MALE	G3	Stage IV	T3b	M1	NX	
TCGA-MM-A563	591	0	41	MALE	G2	unknow	T3	MX	NX
TCGA-BP-43252964	0	64	FEMALE	G2	Stage I	T1b	M0	NO	
TCGA-BP-520229	0	75	MALE	G2	Stage III	T3a	M0	NX	
TCGA-BP-43321133	0	36	MALE	G2	Stage III	T3a	M0	NO	
TCGA-B0-5399652	0	46	MALE	G2	Stage I	T1b	M0	NO	
TCGA-B0-51061598	1	64	MALE	G2	Stage I	T1a	M0	NO	
TCGA-B0-48391639	1	80	FEMALE	G2	Stage I	T1b	M0	NO	
TCGA-BP-47592372	0	50	MALE	G2	Stage I	T1a	M0	NX	
TCGA-A3-3382574	0	69	MALE	G3	Stage I	T1b	M0	NX	
TCGA-A3-33251170	1	52	MALE	G2	Stage I	T1a	M0	NX	
TCGA-B2-5635315	0	74	MALE	G2	Stage I	T1a	M0	NX	
TCGA-CZ-54601430	0	55	MALE	G2	Stage IV	T3b	M1	NX	
TCGA-B0-4818510	1	68	FEMALE	G3	Stage II	T2	M0	NX	
TCGA-BP-51802263	0	53	MALE	G2	Stage I	T1a	M0	NX	
TCGA-CZ-59841491	0	51	MALE	G3	Stage I	T1b	M0	NO	

TCGA-AK-34441471	0	80	FEMALE	G2	Stage I	T1b	M0	NX	
TCGA-CJ-49051496	0	62	FEMALE	G2	Stage I	T1a	M0	NX	
TCGA-BP-43451516	0	62	MALE	G3	Stage III	T3b	M0	NO	
TCGA-BP-4335475	1	65	FEMALE	G3	Stage IV	T3a	M1	NO	
TCGA-B0-4707600	1	63	MALE	G4	Stage III	T3a	M0	NX	
TCGA-A3-3346137	1	68	MALE	G3	Stage I	T1b	M0	NX	
TCGA-B0-47001980	1	60	MALE	G4	Stage IV	T4	M1	NX	
TCGA-AK-34471217	0	83	MALE	G2	Stage II	T2	M0	NX	
TCGA-BP-43372	1	76	FEMALE	G4	Stage III	T3b	M0	NO	
TCGA-A3-3372735	0	64	MALE	G2	Stage III	T3	M0	NX	
TCGA-B0-51101092	0	71	FEMALE	G2	Stage I	T1a	M0	NO	
TCGA-B4-584311	0	45	MALE	G2	Stage I	T1	M0	NO	
TCGA-B0-48451986	1	70	MALE	G2	Stage IV	T3a	M1	NX	
TCGA-BP-4970433	0	44	MALE	G3	Stage III	T1a	M0	N1	
TCGA-A3-A8OU	0	0	74	FEMALE	G1	Stage I	T1a	MX	NX
TCGA-A3-3352561	1	74	MALE	G3	Stage III	T3a	M0	NO	
TCGA-A3-3383861	0	52	MALE	G2	Stage I	T1	M0	NX	
TCGA-BP-41761955	0	64	MALE	G2	Stage I	T1b	M0	NX	
TCGA-CJ-56711943	0	51	MALE	G3	Stage I	T1a	M0	NX	
TCGA-B0-4828307	1	79	MALE	G3	Stage IV	T2	M1	NX	
TCGA-CJ-56721972	1	84	MALE	G3	Stage I	T1a	M0	NX	
TCGA-CJ-46372227	1	52	FEMALE	G4	Stage IV	T2b	M1	NX	
TCGA-BP-49721502	0	43	FEMALE	G3	Stage III	T3a	M0	NX	
TCGA-BP-4807211	0	42	MALE	G3	Stage I	T1a	M0	NX	
TCGA-AK-34282223	0	62	MALE	G2	Stage III	T3b	M0	NO	
TCGA-B0-5099485	1	88	FEMALE	G3	Stage III	T3b	M0	NX	
TCGA-B0-56971835	0	50	MALE	G2	Stage I	T1a	M0	NO	
TCGA-CJ-49041792	0	60	FEMALE	G3	Stage IV	T3a	M1	NO	
TCGA-CJ-46401998	0	49	MALE	G4	Stage III	T3a	M0	NO	
TCGA-BP-4985952	1	72	MALE	G4	Stage III	T3a	M0	NO	
TCGA-B8-555115	0	65	FEMALE	G3	Stage I	T1b	M0	NO	
TCGA-CJ-46351416	0	48	MALE	G3	Stage I	T1b	M0	NX	
TCGA-CJ-4894841	1	58	MALE	G3	Stage III	T3a	M0	NO	
TCGA-B0-471096	0	75	FEMALE	G3	Stage III	T3a	M0	NO	
TCGA-BP-51742257	0	45	FEMALE	G2	Stage I	T1a	M0	NX	
TCGA-B0-4841204	1	63	MALE	G3	Stage IV	T2	M1	NX	
TCGA-CJ-4887932	1	48	MALE	G3	Stage IV	T3a	M1	NX	
TCGA-CW-6093	3146	0	73	MALE	G1	Stage I	T1a	M0	NX
TCGA-CJ-48861952	0	42	FEMALE	G3	Stage I	T1a	M0	NX	
TCGA-AK-3454874	0	84	MALE	G3	Stage I	T1b	M0	NX	
TCGA-AK-34451280	0	69	MALE	G3	Stage III	T3a	M0	NX	
TCGA-A3-33361043	0	75	FEMALE	G4	Stage I	T1	M0	NX	
TCGA-A3-3363319	0	50	MALE	G2	Stage II	T2	M0	NO	
TCGA-CW-5591	2271	0	56	MALE	G2	Stage IV	T3a	M1	NO

TCGA-B0-4848883	1	54	MALE	G3	Stage III	T3b	M0	NX
TCGA-BP-49831413	0	67	FEMALE	G4	Stage III	T3a	M0	NX
TCGA-CJ-4868646	1	42	MALE	G3	Stage IV	T3a	M1	N0
TCGA-BP-5006840	0	61	MALE	G2	Stage I	T1a	M0	N0
TCGA-CJ-60271855	0	77	MALE	G4	Stage I	T1a	M0	NX
TCGA-A3-A6NJ468	0	57	FEMALE	G1	Stage I	T1a	MX	NX
TCGA-CJ-60281625	1	58	MALE	G4	Stage IV	T3a	M1	NX
TCGA-CJ-48881567	1	59	MALE	G4	Stage IV	T3a	M1	NX
TCGA-CZ-5462311	1	83	MALE	G3	Stage IV	T1b	M1	NX
TCGA-B0-48241657	1	49	FEMALE	G3	Stage I	T1a	M0	N0
TCGA-B0-5120493	0	72	FEMALE	G2	Stage I	T1a	M0	N0
TCGA-BP-4761182	0	57	MALE	G4	Stage III	T3a	M0	N1
TCGA-BP-43382859	0	43	MALE	G3	Stage I	T1b	M0	N0
TCGA-B0-5108911	0	54	MALE	G2	Stage III	T3a	M0	N0
TCGA-BP-4329845	1	75	MALE	G2	Stage III	T3a	M0	N0
TCGA-CZ-5463662	0	76	MALE	G2	Stage II	T2	M0	NX
TCGA-B0-57021605	0	71	MALE	G2	Stage I	T1b	M0	N0
TCGA-A3-33201508	0	52	FEMALE	G1	Stage I	T1b	M0	NX
TCGA-B8-A54K469	0	61	MALE	G1	Stage I	T1a	MX	NX
TCGA-BP-4352344	1	74	FEMALE	G4	Stage IV	T3b	M1	N0
TCGA-BP-4349372	0	68	FEMALE	G2	Stage I	T1a	M0	NX
TCGA-BP-47691876	0	63	MALE	G2	Stage I	T1a	M0	NX
TCGA-CJ-46431793	0	67	FEMALE	G3	Stage II	T2b	M0	N0
TCGA-BP-49811097	1	75	FEMALE	G3	Stage III	T3a	M0	NX
TCGA-BP-4992501	0	66	MALE	G4	Stage I	T1b	M0	NX
TCGA-BP-50041126	0	53	MALE	G3	Stage I	T1a	M0	NX
TCGA-CJ-46392308	0	49	FEMALE	G2	Stage II	T2	M0	N0
TCGA-BP-49611935	0	47	MALE	G2	Stage I	T1a	M0	NX

Supplementary File S2

AMBRA1
 APOL1
 ARNT
 ARSA
 ARSB
 ATF4
 ATF6
 ATG10
 ATG12
 ATG16L1
 ATG16L2
 ATG2A

ATG2B
ATG3
ATG4A
ATG4B
ATG4C
ATG4D
ATG5
ATG7
ATG9A
ATG9B
ATIC
BAG1
BAG3
BAK1
BAX
BCL2
BCL2L1
BECN1
BID
BIRC5
BIRC6
BNIP1
BNIP3
BNIP3L
C12orf44
C17orf88
CALCOCO2
CAMKK2
CANX
CAPN1
CAPN10
CAPN2
CAPNS1
CASP1
CASP3
CASP4
CASP8
CCL2
CCR2
CD46
CDKN1A
CDKN1B
CDKN2A
CFLAR

CHMP2B
CHMP4B
CLN3
CTSB
CTSD
CTSL1
CX3CL1
CXCR4
DAPK1
DAPK2
DDIT3
DIRAS3
DLC1
DNAJB1
DNAJB9
DRAM1
EDEM1
EEF2
EEF2K
EGFR
EIF2AK2
EIF2AK3
EIF2S1
EIF4EBP1
EIF4G1
ERBB2
ERN1
ERO1L
FADD
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FAS
FKBP1A
FKBP1B
FOS
FOXO1
FOXO3
GAA
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GOPC
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GRID2
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HDAC6
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HSP90AB1
HSPA5
HSPA8
HSPB8
IFNG
IKBKB
IKBKE
IL24
IRGM
ITGA3
ITGA6
ITGB1
ITGB4
ITPR1
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KIAA0652
KIAA0831
KIF5B
KLHL24
LAMP1
LAMP2
MAP1LC3A
MAP1LC3B
MAP1LC3C
MAP2K7
MAPK1
MAPK3
MAPK8

MAPK8IP1
MAPK9
MBTPS2
MLST8
MTMR14
MTOR
MYC
NAF1
NAMPT
NBR1
NCKAP1
NFE2L2
NFKB1
NKX2-3
NLRC4
NPC1
NRG1
NRG2
NRG3
P4HB
PARK2
PARP1
PEA15
PELP1
PEX14
PEX3
PIK3C3
PIK3R4
PINK1
PPP1R15A
PRKAB1
PRKAR1A
PRKCD
PRKCQ
PTEN
PTK6
RAB11A
RAB1A
RAB24
RAB33B
RAB5A
RAB7A
RAC1
RAF1

RB1
RB1CC1
RELA
RGS19
RHEB
RPS6KB1
RPTOR
SAR1A
SERPINA1
SESN2
SH3GLB1
SIRT1
SIRT2
SPHK1
SPNS1
SQSTM1
ST13
STK11
TBK1
TM9SF1
TMEM49
TMEM74
TNFSF10
TP53
TP53INP2
TP63
TP73
TSC1
TSC2
TUSC1
ULK1
ULK2
ULK3
USP10
UVRAG
VAMP3
VAMP7
VEGFA
WDFY3
WDR45
WDR45L
WIPI1
WIPI2
ZFYVE1

Supplementary File S3

ID TCGA-AK-3440-01A-02R-1277-07 TCGA-A3-3365-01A-01R-0864-07
TCGA-DV-5569-01A-01R-1541-07 TCGA-A3-A8CQ-01A-11R-A370-07
TCGA-MM-A84U-01A-11R-A370-07 TCGA-CJ-4907-01A-01R-1426-07
TCGA-BP-5196-01A-01R-1426-07 TCGA-CJ-4889-01A-01R-1305-07
TCGA-AK-3428-01A-02R-1277-07 TCGA-BP-5170-01A-01R-1426-07
TCGA-CJ-6027-01A-11R-1672-07 TCGA-BP-4983-01A-01R-1334-07
TCGA-B4-5378-01A-01R-1503-07 TCGA-A3-3317-01A-02R-1325-07
TCGA-BP-4756-01A-01R-1289-07 TCGA-B0-5088-01A-01R-1334-07
TCGA-B0-4837-01A-01R-1305-07 TCGA-BP-5174-01A-01R-1426-07
TCGA-BP-4803-01A-01R-1305-07 TCGA-B0-5097-01A-01R-1420-07
TCGA-B0-5119-01A-02R-1420-07 TCGA-BP-4345-01A-01R-1289-07
TCGA-AK-3453-01A-02R-1277-07 TCGA-BP-4342-01A-01R-1289-07
TCGA-B0-4844-01A-01R-1277-07 TCGA-BP-4804-01A-02R-1305-07
TCGA-CW-6088-01A-11R-1672-07 TCGA-B0-5701-01A-11R-1541-07
TCGA-CJ-5681-01A-11R-1541-07 TCGA-CJ-4876-01A-01R-1305-07
TCGA-B0-4834-01A-01R-1305-07 TCGA-B0-5713-01A-11R-1672-07
TCGA-BP-5009-01A-01R-1334-07 TCGA-CJ-4900-01A-01R-1334-07
TCGA-BP-5186-01A-01R-1426-07 TCGA-A3-3370-01A-02R-1420-07
TCGA-B0-4810-01A-01R-1503-07 TCGA-CJ-4916-01A-01R-1426-07
TCGA-B0-4846-01A-01R-1277-07 TCGA-CJ-4892-01A-01R-1305-07
TCGA-CZ-4863-01A-01R-1503-07 TCGA-BP-4330-01A-01R-1289-07
TCGA-CJ-4874-01A-01R-1305-07 TCGA-A3-3328-01A-01R-0864-07
TCGA-CJ-4872-01A-01R-1305-07 TCGA-B8-A54K-01A-11R-A33J-07
TCGA-CJ-4873-01A-01R-1305-07 TCGA-G6-A8L7-01A-11R-A370-07
TCGA-CZ-5467-01A-01R-1503-07 TCGA-BP-4807-01A-01R-1305-07
TCGA-CJ-4908-01A-01R-1426-07 TCGA-BP-4352-01A-01R-1289-07
TCGA-A3-A8OU-01A-11R-A370-07 TCGA-AK-3434-01A-02R-1277-07
TCGA-CJ-5683-01A-11R-1541-07 TCGA-A3-3326-01A-01R-0864-07
TCGA-B0-5712-01A-11R-1672-07 TCGA-B0-4706-01A-01R-1503-07
TCGA-CZ-5461-01A-01R-1503-07 TCGA-6D-AA2E-01A-11R-A370-07
TCGA-EU-5907-01A-11R-1672-07 TCGA-A3-3380-01A-01R-0864-07
TCGA-CJ-4638-01A-02R-1325-07 TCGA-BP-5184-01A-01R-1426-07
TCGA-B0-5116-01A-02R-1420-07 TCGA-CZ-4857-01A-01R-1305-07
TCGA-B8-5159-01A-01R-1420-07 TCGA-A3-3358-01A-01R-1541-07
TCGA-A3-3372-01A-02R-1325-07 TCGA-B0-5096-01A-01R-1420-07
TCGA-CZ-5986-01A-11R-1672-07 TCGA-BP-4974-01A-01R-1334-07
TCGA-CW-5584-01A-01R-1541-07 TCGA-B4-5838-01A-11R-1672-07
TCGA-BP-5201-01A-01R-1426-07 TCGA-BP-4965-01A-01R-1334-07
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TCGA-DV-5567-01A-01R-1541-07 TCGA-BP-4334-01A-01R-1289-07
TCGA-BP-5187-01A-01R-1426-07 TCGA-CZ-5988-01A-11R-1672-07

TCGA-CJ-4894-01A-01R-1305-07 TCGA-BP-4763-01A-01R-1289-07
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TCGA-CJ-4869-01A-02R-1426-07 TCGA-A3-3363-01A-01R-0864-07
TCGA-BP-4777-01A-01R-1289-07 TCGA-BP-4789-01A-01R-1305-07
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TCGA-B0-4710-01A-01R-1503-07 TCGA-BP-5004-01A-01R-1334-07
TCGA-A3-3387-01A-01R-1541-07 TCGA-BP-5175-01A-01R-1426-07
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TCGA-BP-4782-01A-02R-1420-07 TCGA-CZ-5451-01A-01R-1503-07
TCGA-CJ-5671-01A-11R-1541-07 TCGA-AK-3425-01A-02R-1277-07
TCGA-CZ-4858-01A-01R-1305-07 TCGA-B0-4841-01A-01R-1277-07
TCGA-BP-4331-01A-01R-1289-07 TCGA-BP-4174-01A-02R-1289-07
TCGA-CJ-6028-01A-11R-1672-07 TCGA-A3-3367-01A-02R-1420-07
TCGA-A3-3351-01A-02R-1325-07 TCGA-CJ-4890-01A-01R-1305-07
TCGA-CW-5581-01A-02R-1541-07 TCGA-B0-4815-01A-01R-1503-07
TCGA-BP-4993-01A-02R-1420-07 TCGA-B0-4821-01A-01R-1503-07
TCGA-B0-4813-01A-01R-1277-07 TCGA-CZ-5459-01A-01R-1503-07
TCGA-B0-5108-01A-01R-1420-07 TCGA-CZ-4862-01A-01R-1305-07
TCGA-MM-A564-01A-11R-A266-07 TCGA-A3-3325-01A-01R-0864-07
TCGA-CW-6090-01A-11R-1672-07 TCGA-BP-4177-01A-02R-1420-07
TCGA-BP-4170-01A-02R-1289-07 TCGA-A3-3357-01A-02R-1420-07
TCGA-BP-4960-01A-01R-1334-07 TCGA-B2-3923-01A-02R-A277-07
TCGA-A3-3319-01A-02R-1325-07 TCGA-BP-5007-01A-01R-1334-07
TCGA-B8-A54D-01A-21R-A266-07 TCGA-B0-4833-01A-01R-1305-07
TCGA-BP-4347-01A-01R-1289-07 TCGA-CW-5590-01A-01R-1541-07
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TCGA-BP-5192-01A-01R-1426-07 TCGA-A3-3323-01A-02R-1325-07
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TCGA-BP-4768-01A-01R-1289-07 TCGA-B8-A54I-01A-21R-A33J-07
TCGA-BP-4341-01A-01R-1289-07 TCGA-B0-5099-01A-01R-1420-07
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TCGA-BP-4963-01A-01R-1334-07 TCGA-BP-4354-01A-02R-1289-07
TCGA-B8-A54G-01A-11R-A266-07 TCGA-BP-4961-01A-01R-1334-07
TCGA-B0-5698-01A-11R-1672-07 TCGA-BP-5199-01A-01R-1426-07
TCGA-CW-6093-01A-11R-1672-07 TCGA-B0-4700-01A-02R-1541-07
TCGA-AK-3460-01A-02R-1277-07 TCGA-AK-3458-01A-01R-1503-07
TCGA-CZ-5984-01A-11R-1672-07 TCGA-A3-3324-01A-02R-1325-07
TCGA-CJ-4912-01A-01R-1426-07 TCGA-CZ-5453-01A-01R-1503-07
TCGA-A3-3378-01A-02R-1325-07 TCGA-A3-3343-01A-01R-0864-07
TCGA-CJ-4887-01A-01R-1305-07 TCGA-DV-5574-01A-01R-1541-07
TCGA-CZ-5454-01A-01R-1503-07 TCGA-BP-4790-01A-01R-1305-07

TCGA-B0-5107-01A-01R-1420-07 TCGA-CZ-5466-01A-01R-1503-07
TCGA-AK-3450-01A-02R-1277-07 TCGA-CZ-5460-01A-01R-1503-07
TCGA-B0-4845-01A-01R-1277-07 TCGA-MM-A563-01A-11R-A266-07
TCGA-BP-4971-01A-01R-1334-07 TCGA-BP-4759-01A-01R-1289-07
TCGA-BP-4329-01A-02R-1289-07 TCGA-B0-4712-01A-01R-1503-07
TCGA-B0-4691-01A-01R-1277-07 TCGA-CZ-5982-01A-11R-1672-07
TCGA-BP-4962-01A-01R-1334-07 TCGA-BP-4355-01A-01R-1289-07
TCGA-A3-3359-01A-01R-0864-07 TCGA-AK-3433-01A-02R-1277-07
TCGA-B0-4827-01A-02R-1420-07 TCGA-B2-A4SR-01A-11R-A266-07
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TCGA-B0-5083-01A-02R-1420-07 TCGA-B0-4697-01A-01R-1277-07
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TCGA-B8-4151-01A-01R-1188-07 TCGA-BP-4982-01A-01R-1334-07
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TCGA-B0-5399-01A-01R-1503-07 TCGA-B0-4707-01A-01R-1277-07
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TCGA-B8-4154-01A-01R-1188-07 TCGA-B0-4688-01A-01R-1277-07
TCGA-BP-4986-01A-01R-1334-07 TCGA-B0-5075-01A-01R-1334-07
TCGA-BP-4775-01A-01R-1289-07 TCGA-CJ-4888-01A-01R-1305-07
TCGA-AK-3431-01A-02R-1277-07 TCGA-BP-4338-01A-01R-1289-07
TCGA-B0-4701-01A-01R-1277-07 TCGA-B8-4143-01A-01R-1188-07
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0.3059701											
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Supplementary File S4

geneKM	B	SE	HR	HR.95L	HR.95H	pvalue
AC010326.3	6.75E-06	0.139109684	0.023446039	1.149250148	1.097633273	1.203294337 2.97E-09
AL021707.6	2.77E-06	0.123244945	0.027037479	1.131161459	1.072778981	1.192721213 5.16E-06
AC005785.1	4.11E-09	0.483110179	0.080616997	1.621108507	1.384174271	1.898599652 2.06E-09
AC098484.1	7.27E-07	-0.632446095	0.115178023	0.531290623	0.42392833	0.665843035 4.00E-08
AL513218.1	2.34E-08	0.525038523	0.086986835	1.690523971	1.425535395	2.004770494 1.58E-09
AC092611.2	9.83E-06	-0.467912625	0.092038376	0.626308245	0.522931642	0.750121022 3.70E-07
HM13-IT1	5.83E-06	0.279395621	0.05572196	1.322330383	1.185521292	1.474927234 5.33E-07

HOTAIRM1	1.01E-07	0.110563848	0.016931832	1.116907659	1.080450481	1.154594996	6.58E-11
U62317.22.35E-06	0.06152333	0.009906589	1.063455306	1.043005837	1.084305713	5.29E-10	
LINC00115	4.20E-06	0.478041955	0.098162784	1.612913152	1.33062191	1.95509244	1.12E-06
AC084876.1	8.77E-07	0.497740713	0.073388576	1.645000541	1.424615207	1.899479079	1.18E-11
AC129510.1	8.94E-06	0.367597641	0.069902285	1.44426081	1.259344917	1.656328826	1.45E-07
AL391244.3	4.02E-06	0.475105428	0.082574506	1.608183736	1.367880374	1.890702563	8.73E-09
AC010973.2	1.83E-07	0.371191779	0.065723766	1.449461023	1.274272674	1.648734452	1.63E-08
AC027796.4	1.35E-06	0.260212897	0.04672168	1.297206229	1.183694035	1.421603852	2.56E-08
LINC01507	5.09E-07	-0.258187754	0.047274549	0.772450188	0.704093466	0.847443304	4.72E-08
AC016773.1	5.30E-06	0.537821424	0.069760112	1.71227248	1.493457822	1.963146869	1.26E-14
AC026401.3	5.03E-09	0.203053331	0.024290214	1.225137804	1.168178135	1.284874793	6.30E-17
AC011462.4	1.72E-07	0.186627604	0.034400725	1.205178398	1.126599071	1.289238568	5.79E-08
AC048341.2	4.60E-06	0.091283335	0.016747702	1.095579377	1.060200926	1.132138392	5.02E-08