

Table S1 The training dataset

ID	OS (years)	fustat	DDIT3	HSP90AB1	FKBP1A	DNAJB1	BNIP1	VAMP7	TBK1
TCGA-2H-A9GL	0.493150685	1	4.827826371	8.970044921	6.956794355	5.997463221	2.423222977	4.27904124	3.622804475
TCGA-L5-A88T	1.901369863	0	2.654444248	7.955963111	6.197298878	6.91372478	1.660706871	3.806357056	2.478899863
TCGA-R6-A6L4	1.35890411	1	3.577958072	8.693904024	6.759510071	6.797365824	1.495175289	4.885442095	2.883341829
TCGA-IG-A8O2	0.389041096	1	4.451781482	9.654673975	6.980076726	5.932668546	1.917065832	4.990701686	3.201977401
TCGA-Z6-AAPN	0.221917808	0	3.941938251	9.574178918	7.092371314	7.173117437	2.398539452	4.678727168	2.949928936
TCGA-L5-A4OX	0.619178082	1	3.580676144	9.194472719	6.111061786	7.745737509	1.841659193	4.667248388	3.476281875
TCGA-JY-A6FH	3.564383562	0	2.789262465	9.076230385	5.76938272	5.347621369	1.789629104	4.18832021	2.461993929
TCGA-LN-A49S	1.095890411	0	2.955916838	8.879125251	6.641958809	6.564232886	1.939746005	4.326831408	2.87028442
TCGA-LN-A8HZ	1.02739726	0	3.938977329	8.971609939	6.798874825	6.30004225	1.734502833	3.980882617	2.736373463
TCGA-JY-A6FA	3.728767123	1	4.505311703	9.429841054	5.419283026	6.02997536	1.845603656	4.826518998	3.544737601
TCGA-IG-A6QS	0.830136986	1	3.552475444	9.301597477	6.781877679	6.513609176	1.846896833	4.600574843	2.711346004
TCGA-IG-A3YA	1.731506849	0	2.892253638	8.610190806	6.430352639	5.500102693	1.839777587	4.586666118	3.028583613
TCGA-V5-AASV	1.279452055	0	3.368847116	8.882714571	5.8094785	6.34992536	1.520640491	3.501940976	2.251194326
TCGA-L5-A4OP	0.597260274	0	2.538235936	10.12866716	7.770724011	5.517561999	2.171751899	4.255537744	2.738880871
TCGA-L5-A4ON	1.528767123	1	4.21978652	10.99759727	6.778897162	7.258559439	1.684689495	4.848191257	3.370370485
TCGA-IG-A3QL	1.673972603	0	2.977132257	9.136798398	7.050914117	6.345453506	1.770393952	4.2982558	2.792020305
TCGA-LN-A7HZ	1.098630137	0	3.71496641	9.255750917	7.052177845	5.406374419	1.91411251	4.364283164	3.181030176
TCGA-JY-A93E	2.101369863	0	3.880533706	8.92312065	6.816484512	5.117682992	1.442653734	4.660006735	3.077585342
TCGA-L5-A4OH	2.717808219	0	4.216075322	8.693056873	7.42608189	4.713457179	1.74080368	4.450796875	3.290687586
TCGA-LN-A9FP	1.002739726	0	3.616239682	8.134282179	6.242406294	4.576906398	1.319206921	3.879451846	2.900247219
TCGA-L5-A8NF	0.221917808	1	5.056688962	9.095747396	6.165624859	5.481255387	2.295275779	4.62205033	3.315560425
TCGA-L5-A4OO	0.276712329	0	3.393407621	8.071163403	6.628313984	5.440777754	1.926128777	3.888138061	3.855940959
TCGA-LN-A4A1	1.049315068	0	4.014711459	9.178792808	6.298019481	6.068160232	2.014054581	4.3005572	2.759815018
TCGA-L5-A893	0.252054795	0	2.627126539	8.219530646	6.312579577	5.544569391	2.036303516	4.01531994	2.693455053
TCGA-ZR-A9CJ	1.643835616	1	4.807556885	8.741279896	7.071307895	6.620831237	2.339571554	4.401319178	3.705768945
TCGA-IG-A97I	1.01369863	0	4.67336081	9.581857367	6.704082083	6.769031163	2.211186366	3.640251878	2.987497872
TCGA-KH-A6WC	0.523287671	0	1.766230043	7.415025101	6.185635656	7.152983455	1.297307649	3.897640258	2.250549619
TCGA-R6-A8WC	0.191780822	0	4.168735089	9.359903044	6.247705587	5.514609916	1.672084486	4.626546021	3.558500308
TCGA-IC-A6RE	0.64109589	0	3.997665185	8.799810302	6.847100763	5.021003475	2.198824792	4.617500625	2.983758777
TCGA-L5-A8NW	3.84109589	1	2.849987454	8.095240349	6.153231183	6.542483415	1.47412917	4.256373639	3.239190422
TCGA-LN-A7HY	1.002739726	0	3.591496778	9.064763027	6.498016846	5.328998089	2.690389225	4.214981566	2.889217396
TCGA-2H-A9GF	2.147945205	1	4.913540497	9.382232338	6.339090874	4.587228757	1.940633976	4.779305953	3.099426001
TCGA-L5-A8NS	1.117808219	0	4.113392127	8.311202916	5.957089037	6.043918389	1.760357224	4.64710782	3.42288422
TCGA-VR-AA4G	1.254794521	0	3.511055565	8.917980658	6.39234765	6.991039922	1.971422156	4.06764474	3.15938328
TCGA-R6-A6KZ	0.421917808	1	3.996410441	9.457982253	6.504448625	5.09183479	2.546459889	4.212763864	3.203744767
TCGA-2H-A9GI	1.191780822	1	4.040165634	8.939686417	6.22424318	4.687106761	1.949822734	4.691879086	3.619335686
TCGA-VR-A8EU	1.526027397	1	2.969442472	9.097479119	6.508355438	6.479622003	1.827541838	4.931424937	2.937903093
TCGA-L5-A891	0.312328767	0	4.356784005	9.478581157	6.965957398	5.23219833	2.020889025	3.848248354	2.520401127
TCGA-L5-A88W	2.093150685	1	4.294123715	8.725477034	6.805765795	6.505030263	2.183388055	3.982509022	2.320542731
TCGA-JY-A93C	1.931506849	0	3.474274059	8.271334533	6.700533182	5.03683049	2.366208837	4.529735511	3.383182933
TCGA-XP-A8T6	2.090410959	1	3.082085497	8.717037178	6.373392081	6.338339726	1.583222042	4.325619553	2.538504889
TCGA-LN-A49U	1.279452055	0	3.149268147	9.117042784	5.946308375	5.437497753	1.658801924	4.054448252	3.157955781
TCGA-LN-A7HX	1.019178082	0	3.335858945	9.329326125	6.807888105	5.814202525	1.625439768	4.525267092	3.217087215
TCGA-LN-A4A3	1.063013699	0	3.147803578	9.626747392	7.529423526	6.659413704	2.125942322	4.033962975	2.915110501
TCGA-L5-A8NG	2.997260274	0	3.937109888	9.912088897	6.509205097	4.764028147	1.583497903	4.645371954	3.404192496
TCGA-LN-A4A4	1.049315068	0	3.284619252	9.023827526	6.129183055	5.86452616	1.76466802	3.787445002	3.390306829
TCGA-Z6-A8JE	0.175342466	0	3.452088137	8.85596644	6.938312401	5.822454931	2.208212604	4.328239867	3.643980434
TCGA-LN-A49P	1.02739726	0	4.300710204	8.820363756	6.71365183	6.408940915	2.491396748	5.067056548	3.335804505
TCGA-L5-A4OW	0.594520548	1	3.315709191	9.487419522	6.739900899	5.312552864	1.569227961	4.798654571	3.455154047
TCGA-VR-A8EP	1.663013699	0	4.291865789	8.842561232	5.777570684	6.385815475	1.494902998	4.380511283	3.288302448
TCGA-2H-A9GO	1.353424658	1	5.303238266	9.09383242	6.606879975	5.371851205	2.612079741	4.96444438	3.385815889
TCGA-2H-A9GQ	0.350684932	1	5.253921591	9.971030473	7.348717533	5.992868791	2.096826877	4.534667995	4.245250731
TCGA-R6-A6DN	0.665753425	1	3.221582481	9.666495293	6.439795154	5.786362689	2.279582725	3.500058848	3.620005697
TCGA-L5-A8NV	4.380821918	1	5.293069891	9.406931805	6.323264133	5.027103613	1.943288614	4.248269923	3.092103055
TCGA-L5-A4OJ	1.750684932	0	3.987531888	8.743005939	6.822117	4.757674553	1.974020425	4.361457473	3.291834854
TCGA-JY-A6FB	5.032876712	0	3.568377532	11.4707031	6.57772776	5.999144273	1.774877281	3.550287512	2.930583694
TCGA-IG-A3YB	0.219178082	0	4.240392187	8.355256823	6.358778829	5.240705483	2.103535574	3.837628438	2.566320779
TCGA-L5-A88Z	0.616438356	0	5.440921976	9.092438709	6.699494721	7.323753752	1.863527382	4.286592876	3.158915734
TCGA-VR-A8Q7	3.57260274	0	2.797230769	9.729918193	6.649087422	4.652210223	1.292390897	4.621832588	3.425215492
TCGA-L5-A4OG	0.391780822	0	5.214517296	8.566661441	6.914852699	6.349799953	1.716211299	3.906968499	3.196442434
TCGA-V5-A7RE	1.369863014	0	3.749967547	9.395055728	6.332777561	6.246039765	1.919768727	4.354996524	2.971719564
TCGA-L5-A4OU	2.416438356	0	4.414071255	8.947668147	6.779148417	6.760296518	1.98306522	4.431677798	3.377227279
TCGA-2H-A9GK	0.635616438	1	3.733458471	10.79812992	6.921188751	5.053892006	1.700155146	3.938247207	3.034048929
TCGA-R6-A6XG	3.2	0	3.200781949	9.646613789	6.592511007	5.010280806	2.893132293	3.801546703	3.186744737
TCGA-Q9-A6FW	0.652054795	0	3.762331805	8.431608335	6.30194407	6.992034209	1.730347366	3.984077982	2.971544474
TCGA-IG-A4P3	1.553424658	1	3.667198421	8.806021746	6.533274905	6.323714668	1.802678377	4.044156274	3.717245401
TCGA-LN-A49M	1.054794521	0	2.81780476	9.109260514	6.182299197	6.049905603	1.128059093	5.34711143	3.286546451
TCGA-L5-A8NK	1.128767123	0	4.107169199	8.464565741	6.360561598	6.639509208	1.443001776	4.603428314	2.921035179
TCGA-M9-A5M8	2.75890411	0	2.982214012	8.95078566	6.526655413	5.33779992	1.444355386	4.172800311	3.352434956
TCGA-L5-A8NN	0.457534247	0	6.270365228	9.245535356	6.94509146	4.10191812	2.593186423	4.033171885	3.702761697
TCGA-VR-A8EZ	1.515068493	1	5.213103831	9.04673796	7.424273804	6.151930033	2.470724267	4.399376885	3.208545976
TCGA-Z6-A9VB	0.109589041	0	2.888983021	10.01699488	7.014909812	6.399442856	1.593443653	3.981180456	3.150315633
TCGA-LN-A9FR	1.021917808	0	3.400333807	9.483771851	6.201351567	6.00345877	1.549179729	4.374977551	2.656929915
TCGA-2H-A9GN	0.745205479	1	3.559974384	9.887415854	6.067007605	7.534549021	2.142309021	4.254821037	3.200961944
TCGA-LN-A7HW	1	0	3.419043301	9.213812388	5.709825756	6.108118772	1.618081219	4.676163017	2.761581017
TCGA-LN-A49O	1.117808219	0	3.306929762	8.617228313	6.16147053	6.636413928	1.632633497	4.382095179	2.853812854
TCGA-IC-A6RF	1.306849315	0	2.837697894	8.379577263	6.228612392	6.185030883	1.665081949	3.748654817	3.015292947
TCGA-LN-A4A8	1.293150685	0	3.513035884	9.057370391	7.479867551	5.402529141	1.481332528	5.463765647	4.103988526
TCGA-V5-A7RC	0.284931507	1	4.422648792	11.20445866	7.122608533	6.269965957	2.389198657	3.915365055	3.062476642
TCGA-LN-A5U5	0.37260274	1	3.978027183	9.233727515	6.745542568	6.417232445	2.230542431	4.127413722	3.689774389

fustat: 1 = detach; 0 = alive. OS, overall survival.

Table S2 The testing dataset

ID	OS (year)	fustat	DDIT3	HSP90AB1	FKBP1A	DNAJB1	BNIP1	VAMP7	TBK1
TCGA-L5-A8NU	5.846575342	1	4.199072732	8.288675123	6.6482317	4.917927349	2.067159753	3.951623099	2.957914203
TCGA-R6-A6XQ	0.528767123	1	4.262723291	8.763269808	7.191064151	6.029689414	2.022167509	5.11092653	3.187968653
TCGA-LN-A7HV	0.876712329	0	3.714558755	9.229722977	6.992561119	5.93186551	1.884917095	3.870938724	2.344967932
TCGA-S8-A6BV	1.668493151	0	4.252639904	9.878413834	7.114791332	6.796336167	1.749740791	4.743578875	3.146978326
TCGA-JY-A6FE	0.306849315	1	3.357585784	8.901993662	7.242033661	4.632596275	2.080845577	4.342373402	2.247818776
TCGA-LN-A8I0	1.115068493	0	4.407540384	8.2827391	6.697584798	6.340447974	1.399529877	3.395398475	2.905674565
TCGA-VR-AA4D	3.775342466	0	3.911616809	8.725487259	6.67663554	6.062617812	2.835956605	4.509011064	3.391991199
TCGA-V5-A7RB	0.44109589	1	4.025737561	8.912499277	6.585528647	5.99116762	2.607598527	4.37065463	3.172022757
TCGA-L5-A8NL	1.101369863	0	4.017193463	8.809586766	6.373227522	5.729176593	1.997210415	4.46409707	3.529764032
TCGA-IG-A51D	1.419178082	0	2.634722431	9.57510486	6.983084809	5.447945774	2.182052476	4.134896121	3.110427224
TCGA-L5-A4OE	2	1	3.735684634	9.151996021	6.383866695	6.734384469	1.500829071	4.189267927	3.466948118
TCGA-LN-A49W	1.104109589	0	3.037053582	8.578329511	6.397038357	5.3137079	1.936554355	4.524871888	3.42034922
TCGA-L5-A8NR	0.726027397	0	4.903733894	8.333759143	6.144571373	5.771239601	1.747783952	4.211092428	3.49389963
TCGA-L5-A8NT	2.260273973	0	4.225954213	8.487307064	6.333878299	5.296853744	1.331835093	4.344080327	3.53500916
TCGA-VR-A8EW	0.676712329	1	5.104419696	8.894695614	7.417003522	8.10798439	2.112540677	4.260871749	2.662580825
TCGA-LN-A8I1	1.098630137	0	5.154648418	9.216335298	7.668157427	6.201263339	2.162233243	3.589864137	3.101433252
TCGA-2H-A9GR	2.704109589	1	3.883979699	8.969787721	6.421706138	4.763447636	1.948598123	4.482552066	2.965698154
TCGA-IG-A3I8	1.304109589	0	3.70945497	8.794595542	6.995016358	5.739048514	1.402706353	4.085941269	3.188732282
TCGA-IG-A3YC	1.676712329	0	3.669009752	8.866825162	7.063760697	5.626661657	1.819306443	4.080683243	3.116686965
TCGA-R6-A8W5	1.315068493	1	3.118854218	9.719083478	6.499683116	4.886554049	1.820185091	4.481888533	2.919943542
TCGA-L5-A43J	0	1	3.445697044	8.501755198	6.940694154	5.238488814	2.096769541	4.213642012	2.991917969
TCGA-IG-A50L	0.043835616	0	3.584465888	8.551682118	6.666337638	7.036350572	1.63692525	4.419190985	3.158279338
TCGA-IG-A5S3	1.950684932	0	3.892735871	8.966416047	6.780180156	4.899205606	2.195981867	3.302831252	3.420485636
TCGA-L5-A88S	1.290410959	0	3.370688941	9.410639812	7.260132009	6.310800888	1.953198551	4.132890188	2.296048843
TCGA-LN-A9FO	0.010958904	0	5.429068463	9.640637009	6.904477748	9.284367722	2.289380314	4.985081838	3.772338668
TCGA-VR-A8ER	1.035616438	1	4.781741584	9.410236362	7.420269324	7.31629511	2.367340869	4.300685314	2.929696708
TCGA-V5-AASX	0.747945205	0	2.422795434	9.506860946	6.581242016	5.133474341	1.322727127	4.49800827	2.704992774
TCGA-VR-A8ET	0.128767123	1	4.08527769	8.624788565	6.422412847	7.559366392	1.792264305	4.33282887	5.878286469
TCGA-IG-A4QS	0.323287671	1	4.58431254	9.282349912	7.261394475	5.075551884	2.08510576	4.58230369	3.087835518
TCGA-IG-A7DP	1.238356164	0	3.611938387	8.38343819	6.797638183	4.417029522	2.088171794	4.12158076	3.234861336
TCGA-L7-A56G	0.904109589	1	2.513000752	8.925938613	6.420978845	6.41819872	1.571130205	3.944328111	2.904218945
TCGA-2H-A9GG	1.671232877	1	4.497432965	8.201927442	5.875552937	4.786805728	1.848834396	4.152295837	2.898033396
TCGA-L5-A4OM	3.994520548	1	3.335541046	9.147650697	6.236166234	5.932902503	1.347142195	4.919567732	3.22502176
TCGA-L5-A8NJ	1.37260274	0	3.761004367	8.715073112	6.300068066	5.584229546	2.332801294	4.179718841	2.937732888
TCGA-Z6-A8JD	0.284931507	0	4.68027259	9.169492128	6.143965379	8.193684529	2.223139235	4.096713046	2.528141947
TCGA-LN-A4A5	1.865753425	1	3.107633474	8.82846276	6.521882435	5.00270162	1.867416935	4.760363612	3.518740324
TCGA-LN-A9FQ	1.071232877	0	2.716728443	9.031629256	6.613404498	6.777659049	1.481729309	3.957791119	3.139896412
TCGA-L5-A8NI	1.123287671	1	4.661955912	9.797306968	5.946920541	7.606077955	2.379150707	4.59615874	3.332433115
TCGA-IG-A625	1.068493151	1	2.914472104	9.176324019	6.648331694	5.536953371	1.349198237	4.926625716	3.639322474
TCGA-RE-A7BO	0.583561644	1	4.66079003	9.031425248	7.279989369	5.073597901	2.30303196	4.00341964	2.989790254
TCGA-2H-A9GJ	4.879452055	1	3.679721045	9.027329356	6.047096858	4.578984589	1.703839139	3.91168583	2.968118592
TCGA-IG-A5B8	0.065753425	1	3.749838864	9.139522447	7.119343726	7.193117258	2.491604547	4.551715336	2.907715581
TCGA-VR-A8EY	2.309589041	0	4.796416575	9.367308593	7.049451073	6.036503554	2.538913067	3.537499844	2.306701748
TCGA-L5-A88V	0.216438356	0	4.710229516	9.300249589	6.955575519	4.970090701	1.642495953	4.401958066	2.514128574
TCGA-R6-A8WG	1.057534247	1	3.210161368	8.868445989	6.025075187	5.013508588	1.512261855	5.380992185	3.799012941
TCGA-LN-A49Y	1.038356164	0	4.637795031	8.837986565	6.022209564	5.39889309	2.381195781	3.979254633	3.115990925
TCGA-JY-A93F	2.002739726	0	2.455902934	8.534422729	6.691155855	6.791182428	1.816134775	3.796639282	2.850046682
TCGA-L5-A8NM	0.646575342	1	3.312395369	9.035965025	6.511355443	5.462754185	2.147323633	4.158947716	3.441338326
TCGA-LN-A4MQ	1.02739726	0	3.443075223	8.703734038	6.107973618	5.367102283	1.877346129	4.31767743	4.041360398
TCGA-L5-A4OS	3.482191781	0	4.046177587	9.525793858	7.167907826	4.661001612	2.08254932	4.629197478	3.447606834
TCGA-VR-A8EX	2.342465753	1	3.424756988	8.407481497	6.567587428	6.820775068	1.687879029	3.860167259	2.665785229
TCGA-L7-A6VZ	0.863013699	0	4.161861891	9.970807649	6.54125571	5.192935842	1.925077318	4.981173148	3.271131758
TCGA-LN-A49X	1.052054795	0	2.354254108	9.293276901	7.110052068	4.908414239	1.753744007	4.281279103	2.934784069
TCGA-L5-A4OI	1.665753425	0	3.188258167	8.507171848	6.417985304	5.226446104	1.926141403	3.756809814	3.067349426
TCGA-R6-A6Y0	4.495890411	0	3.22279158	7.67095998	6.42898067	6.870658161	1.786322851	3.905822606	2.969706219
TCGA-2H-A9GM	1.161643836	1	4.813047988	10.67710562	7.125514727	4.993211955	2.24371386	4.656578743	3.218133592
TCGA-L5-A8NQ	1.780821918	1	2.765224697	8.657968511	6.560763079	6.485464891	1.622038016	3.611511407	2.137826976
TCGA-LN-A5U6	1.02739726	0	3.468280932	8.533115941	7.323001602	6.856476575	2.038238096	3.719260119	2.526706612
TCGA-IG-A97H	1.208219178	0	3.486624282	8.88423708	7.14636909	5.993441365	2.358774329	4.385617402	2.912549275
TCGA-L5-A43E	2.520547945	0	4.160424903	9.23270608	6.722800702	4.870307997	1.640842081	4.239040532	3.405097203
TCGA-VR-A8EQ	1.901369863	1	3.686833289	9.23707704	6.147631106	5.413886153	1.789904909	4.118580665	2.83122322
TCGA-VR-AA7I	1.326027397	1	3.280846772	8.816638743	6.847654977	5.897763429	1.607926327	4.706273596	3.195489341
TCGA-V5-AASW	0.77260274	0	4.049273535	8.400253991	6.68180624	4.830623457	1.823517451	4.264423083	3.411452415
TCGA-R6-A8W8	0.24109589	1	3.13275466	10.46286827	6.639949569	5.897222755	1.873171027	4.59328026	2.895618273
TCGA-L5-A88Y	0.030136986	0	3.32235132	9.937172226	7.203890227	5.907790797	1.379479014	3.578287844	2.582447134
TCGA-JY-A93D	2.630136986	1	3.884041052	8.60030544	6.494039846	5.621471695	1.570234608	4.506845637	3.448919711
TCGA-XP-A8T8	1.197260274	0	3.109314754	9.381449941	6.166142591	6.421782593	1.943799456	4.26680078	2.639791302
TCGA-L5-A8NE	4.624657534	0	3.661454328	9.023681177	5.594459274	5.559113347	1.809469599	4.166524251	2.026629404
TCGA-JY-A939	1.808219178	0	4.130080813	10.67164367	6.164916377	5.370657071	2.106418342	4.07342438	3.086228894
TCGA-LN-A4A9	0.961643836	1	3.139927673	9.15324294	5.925800322	6.562840599	1.508080741	3.717970278	3.399542591
TCGA-JY-A6FD	5.668493151	0	3.046376681	8.65970019	5.755862595	5.984754298	1.831882509	3.82515571	2.541863453
TCGA-2H-A9GH	2.605479452	1	3.590918139	8.77867643	6.813091097	5.267095657	2.533694157	5.016083973	3.049253841
TCGA-L5-A4OT	0.408219178	1	5.971828173	9.666420227	6.417926411	8.914611178	1.991722431	4.507515126	3.519003044
TCGA-R6-A6DQ	0.632876712	1	5.1257573	9.77314102	7.086522662	5.431159926	2.31208339	4.684368246	3.675572075
TCGA-VR-A8EO	1.567123288	0	4.249816699	9.857720703	6.676206966	6.922418771	2.065550033	4.7855304	2.714891197
TCGA-S8-A6BW	1.698630137	0	4.431719894	8.456499807	5.84652942	6.221475761	1.827325579	4.205609902	4.737176753
TCGA-LN-A5U7	2.104109589	0	2.810750119	8.868932103	6.848535312	7.001446478	1.989445684	4.46760555	3.219720086
TCGA-L5-A8NH	1.076712329	1	3.776290368	9.900583976	6.821666852	6.250500049	1.846099317	4.51917955	3.068628165

fustat: 1 = detach; 0 = alive. OS, overall survival.

**Table S3** The characteristics and population demographics of the tissue samples

ID	Age	Gender	Grade	Stage	T	M	N	Tumor Type	Race	Reflux History	Alcohol History
TCGA-L5-A4OG	79	Female	G1	I	T1	M0	N0	Adeno	White	No	Yes
TCGA-L5-A4OJ	70	Female	G3	I	T1	M0	N0	Adeno	White	Yes	Yes
TCGA-L5-A893	71	Female	Unknown	I	T1	M0	N0	Adeno	White	Yes	Yes
TCGA-2H-A9GJ	57	Male	G2	I	T1	M0	N0	Adeno	Unknown	Yes	No
TCGA-JY-A6FB	77	Male	G2	I	T1	M0	N0	Adeno	White	Unknown	Yes
TCGA-L5-A4OH	71	Male	Unknown	I	T1	M0	N0	Adeno	White	No	Yes
TCGA-L5-A43E	74	Male	Unknown	I	T1	M0	N0	Adeno	White	Yes	Yes
TCGA-IC-A6RF	69	Female	Unknown	I	T1	M0	N0	SCC	White	Yes	Yes
TCGA-KH-A6WC	82	Male	Unknown	I	T1	M0	N0	SCC	White	No	Yes
TCGA-V5-A7RE	45	Male	G2	I	T1	M0	N0	Adeno	White	Yes	Yes
TCGA-JY-A93F	58	Female	G1	I	T2	M0	N0	SCC	White	No	Yes
TCGA-LN-A811	67	Female	G3	II	T2	M0	N0	SCC	Asian	No	Yes
TCGA-LN-A9FP	60	Female	G3	II	T2	M0	N0	SCC	Asian	No	Yes
TCGA-LN-A49M	62	Male	G1	II	T2	M0	N0	SCC	Asian	No	No
TCGA-LN-A4A9	58	Male	G1	II	T2	M0	N0	SCC	Asian	No	Yes
TCGA-LN-A5U7	46	Male	G1	II	T2	M0	N0	SCC	Asian	No	Yes
TCGA-LN-A7HV	58	Male	G1	II	T2	M0	N0	SCC	Asian	No	Yes
TCGA-LN-A9FO	42	Male	G2	II	T2	M0	N0	SCC	Asian	No	No
TCGA-IG-A97I	58	Male	G2	II	T2	M0	N0	SCC	White	No	No
TCGA-LN-A4A5	49	Male	G2	II	T2	M0	N0	SCC	Asian	No	Yes
TCGA-LN-A4A8	52	Male	G2	II	T2	M0	N0	SCC	Asian	No	Yes
TCGA-LN-A7HW	59	Male	G2	II	T2	M0	N0	SCC	Asian	No	Yes
TCGA-LN-A7HX	72	Male	G2	II	T2	M0	N0	SCC	Asian	No	Yes
TCGA-LN-A7HZ	49	Male	G2	II	T2	M0	N0	SCC	Asian	No	Yes
TCGA-LN-A8I0	52	Male	G2	II	T2	M0	N0	SCC	Asian	No	Yes
TCGA-IG-A3QL	54	Male	G2	II	T2	M0	N0	SCC	White	Unknown	Yes
TCGA-VR-A8ET	64	Male	G2	II	T2	M0	N0	SCC	White	Unknown	Yes
TCGA-L5-A8NU	84	Male	G3	II	T2	M0	N0	Adeno	White	Yes	No
TCGA-LN-A8HZ	56	Male	G3	II	T2	M0	N0	SCC	Asian	No	Yes
TCGA-L5-A8NQ	71	Male	G3	II	T2	M0	N0	SCC	White	Yes	Yes
TCGA-IG-A5B8	72	Male	G1	I	T3	M0	N0	SCC	White	No	Yes
TCGA-VR-A8EY	44	Female	G1	II	T3	M0	N0	SCC	White	No	No
TCGA-L5-A8NK	84	Female	G1	II	T3	M0	N0	SCC	White	Yes	Yes
TCGA-JY-A6FD	51	Female	G1	II	T3	M0	N0	SCC	Asian	Unknown	Yes
TCGA-IG-A3I8	51	Female	G2	II	T3	M0	N0	SCC	White	Unknown	No
TCGA-Z6-AAPN	57	Male	G1	II	T3	M0	N0	SCC	White	Unknown	Unknown
TCGA-LN-A49U	62	Male	G1	II	T3	M0	N0	SCC	Asian	No	Yes
TCGA-LN-A49S	59	Male	G2	II	T3	M0	N0	SCC	Asian	No	No
TCGA-LN-A49X	44	Male	G2	II	T3	M0	N0	SCC	Asian	No	No
TCGA-2H-A9GR	80	Male	G2	II	T3	M0	N0	Adeno	Unknown	Unknown	No
TCGA-LN-A49P	71	Male	G2	II	T3	M0	N0	SCC	Asian	No	Yes
TCGA-LN-A49Y	77	Male	G2	II	T3	M0	N0	SCC	Asian	No	Yes
TCGA-M9-A5M8	58	Male	G2	II	T3	M0	N0	Adeno	Unknown	No	Yes
TCGA-L5-A8NV	75	Male	G3	II	T3	M0	N0	Adeno	White	Yes	No
TCGA-LN-A49O	47	Male	G3	II	T3	M0	N0	SCC	Asian	No	Yes
TCGA-LN-A4A1	60	Male	G3	II	T3	M0	N0	SCC	Asian	No	Yes
TCGA-LN-A9FO	62	Male	G3	II	T3	M0	N0	SCC	Asian	No	Yes
TCGA-VR-A8EO	49	Male	G3	II	T3	M0	N0	SCC	White	Yes	Yes
TCGA-L5-A4OU	81	Male	Unknown	II	T3	M0	N0	Adeno	White	Yes	Yes
TCGA-IG-A5S3	69	Female	G2	II	T3	M0	N0	SCC	White	Unknown	Yes
TCGA-Z6-A8JD	53	Male	G2	II	T3	M0	N0	SCC	White	Unknown	No
TCGA-L5-A8NT	69	Male	Unknown	II	T3	M0	N0	Adeno	White	No	Yes
TCGA-L5-A8NS	76	Male	Unknown	II	T3	M0	N0	Adeno	White	Yes	Yes
TCGA-VR-AA7I	70	Male	G1	III	T4	M0	N0	SCC	White	No	Yes
TCGA-IG-A3YA	53	Male	G2	III	T4	M0	N0	SCC	White	Unknown	Yes
TCGA-L5-A8NH	54	Male	Unknown	IV	T1	M1	N0	Adeno	White	Yes	Yes
TCGA-L5-A8NF	57	Male	Unknown	IV	T1	M1	N0	Adeno	White	No	Yes
TCGA-L5-A4OP	67	Female	G2	I	T1	Unknown	N0	Adeno	White	Yes	Yes
TCGA-L5-A8BY	76	Male	Unknown	Unknown	T1	Unknown	N0	Adeno	White	No	Yes
TCGA-S8-A6BW	51	Male	G1	I	T2	Unknown	N0	SCC	White	Yes	Yes
TCGA-L5-A88S	84	Male	Unknown	I	T3	Unknown	N0	SCC	White	Yes	No
TCGA-L5-A88W	67	Male	Unknown	II	T3	Unknown	N0	SCC	White	No	Yes
TCGA-L5-A43J	90	Male	G3	II	T3	Unknown	N0	SCC	White	No	Yes
TCGA-V5-AASV	67	Male	G3	II	T3	Unknown	N0	SCC	Black	Yes	Yes
TCGA-L5-A4OM	54	Female	Unknown	I	T1	Unknown	N0	SCC	White	No	Yes
TCGA-L5-A88Z	70	Female	Unknown	II	T1	M0	N1	SCC	White	Yes	Yes
TCGA-RE-A7BO	72	Female	G3	II	T1	M0	N1	Adeno	White	No	No
TCGA-XP-A8T8	49	Male	G1	II	T1	M0	N1	SCC	Black	No	Yes
TCGA-2H-A9GH	44	Male	G2	II	T1	M0	N1	Adeno	Unknown	No	No
TCGA-VR-AA4D	53	Male	G2	II	T1	M0	N1	Adeno	White	Yes	No
TCGA-2H-A9GM	53	Male	G2	II	T1	M0	N1	Adeno	Unknown	Unknown	No
TCGA-IG-A51D	63	Male	G2	II	T1	M0	N1	SCC	White	Unknown	No
TCGA-IC-A6RE	59	Male	G2	II	T1	M0	N1	Adeno	White	Yes	Yes
TCGA-JY-A939	77	Male	G3	II	T1	M0	N1	Adeno	White	No	Yes
TCGA-L5-A4OS	86	Female	G3	II	T2	M0	N1	Adeno	White	Yes	Yes
TCGA-L5-A8NM	84	Female	Unknown	II	T2	M0	N1	Adeno	White	No	Yes
TCGA-L5-A4OW	56	Female	Unknown	II	T2	M0	N1	Adeno	Unknown	Yes	Yes
TCGA-IG-A6QS	54	Male	G1	II	T2	M0	N1	SCC	White	No	Yes
TCGA-LN-A5U6	54	Male	G2	II	T2	M0	N1	SCC	Asian	No	Yes
TCGA-LN-A9FR	70	Male	G2	II	T2	M0	N1	SCC	Asian	No	Yes
TCGA-XP-A8T6	54	Male	G2	II	T2	M0	N1	SCC	Black	No	Yes
TCGA-JY-A6FH	53	Male	G2	II	T2	M0	N1	Adeno	White	No	Yes
TCGA-IG-A4P3	48	Male	G2	II	T2	M0	N1	SCC	White	No	Yes
TCGA-JY-A6FA	51	Male	G2	II	T2	M0	N1	SCC	Asian	Yes	Yes
TCGA-L5-A88T	86	Male	Unknown	II	T2	M0	N1	Adeno	White	No	Yes
TCGA-L5-A8NE	77	Male	Unknown	II	T2	M0	N1	Adeno	White	No	Yes
TCGA-L5-A4OX	60	Male	Unknown	II	T2	M0	N1	Adeno	White	Yes	Yes
TCGA-L5-A8NW	55	Male	Unknown	Unknown	T2	M0	N1	Adeno	White	Yes	Yes
TCGA-L5-A8NR	81	Female	Unknown	III	T3	M0	N1	Adeno	Unknown	Yes	No
TCGA-LN-A4A3	61	Male	G2	III	T3	M0	N1	SCC	Asian	No	No
TCGA-2H-A9GG	66	Male	G2	III	T3	M0	N1	Adeno	Unknown	Unknown	No
TCGA-2H-A9GI	68	Male	G2	III	T3	M0	N1	Adeno	Unknown	Unknown	No
TCGA-LN-A7HY	50	Male	G2	III	T3	M0	N1	SCC	Asian	No	Yes
TCGA-VR-A8EQ	73	Male	G2	III	T3	M0	N1	Adeno	White	No	Yes
TCGA-LN-A4MQ	46	Male	G3	III	T3	M0	N1	SCC	Asian	No	No
TCGA-2H-A9GL	74	Male	G3	III	T3	M0	N1	Adeno	Unknown	No	No
TCGA-L5-A8NI	79	Male	G3	III	T3	M0	N1	Adeno	White	No	No
TCGA-2H-A9GK	43	Male	G3	III	T3	M0	N1	Adeno	Unknown	Yes	No
TCGA-2H-A9GF	67	Male	G3	III	T3	M0	N1	Adeno	Unknown	Unknown	No
TCGA-2H-A9GN	70	Male	G3	III	T3	M0	N1	Adeno	Unknown	Unknown	No
TCGA-2H-A9GQ	80	Male	G3	III	T3	M0	N1	Adeno	Unknown	Unknown	No
TCGA-LN-A49W	73	Male	G3	III	T3	M0	N1	SCC	Asian	No	Yes
TCGA-JY-A6FE	49	Male	G3	III	T3	M0	N1	SCC	White	Unknown	Yes
TCGA-L5-A8NG	77	Male	Unknown	III	T3	M0	N1	Adeno	White	Yes	No
TCGA-LN-A4A4	36	Male	Unknown	III	T3	M0	N1	SCC	Asian	No	Yes
TCGA-L5-A8NJ	77	Male	Unknown	III	T3	M0	N1	Adeno	White	No	Yes
TCGA-L5-A8NL	56	Male	Unknown	III	T3	M0	N1	Adeno	White	Yes	Yes
TCGA-L5-A8NN	81	Male	Unknown	III	T3	M0	N1	Adeno	White	Yes	Yes
TCGA-IG-A50L	58	Male	G2	III	T3	M0	N1	SCC	Asian	No	No
TCGA-IG-A3YB	61	Male	G2	III	T3	M0	N1	SCC	White	Unknown	No
TCGA-Z6-A9VB	53	Male	G2	III	T3	M0	N1	SCC	White	Unknown	Unknown
TCGA-IG-A3YC	62	Male	G2	III	T3	M0	N1	SCC	White	Unknown	Yes
TCGA-Z6-A8JE	57	Male	G3	III	T3	M0	N1	SCC	White	Unknown	No
TCGA-VR-A8Q7	60	Male	G3	III	T3	M0	N1	SCC	White	No	Yes
TCGA-JY-A93E	61	Male	G3	III	T3	M0	N1	Adeno	White	Yes	Yes
TCGA-L5-A891	51	Male	Unknown	Unknown	T3	M0	N1	Adeno	White	No	Yes
TCGA-VR-A8ER	54	Male	Unknown	III	T4	M0	N1	SCC	Unknown	No	Yes
TCGA-VR-A8EU	51	Male	G2	IV	T1	M1	N1	SCC	White	Yes	Yes
TCGA-LN-A5U5	57	Male	G2	IV	T3	M1	N1	SCC	Asian	No	Yes
TCGA-VR-A8EX	63	Male	G2	IV	T1	M1	N1	SCC	Unknown	No	No
TCGA-L5-A4OT	77	Male	Unknown	IV	T3	M1	N1	Adeno	White	Yes	Yes
TCGA-R6-A8W5	60	Male	G2	IV	T3	M1	N1	Adeno	White	Yes	No
TCGA-2H-A9GO	58	Male	G3	IV	T3	M1	N1	Adeno	Unknown	Unknown	No
TCGA-L5-A88V	60	Male	Unknown	III	T3	Unknown	N1	Adeno	White	Yes	Yes
TCGA-S8-A6BV	76	Male	G2	III	T3	Unknown	N1	Adeno	White	No	Yes
TCGA-V5-A7RB	59	Male	Unknown	Unknown	Unknown	Unknown	N1	Adeno	Unknown	Yes	Yes
TCGA-L5-A4ON	65	Male	Unknown	II	T1	Unknown	N1	Adeno	White	Yes	Yes
TCGA-VR-AA4G	51	Female	G2	III	T2	M0	N2	SCC	White	No	No
TCGA-Q9-A6FW	61	Male	G2	III	T3	M0	N2	Adeno	White	No	No
TCGA-IG-A625	60	Male	G2	III	T3	M0	N2	SCC	Asian	No	Yes
TCGA-VR-A8EW	57	Male	G2	III	T3	M0	N2	SCC	Asian	No	Yes
TCGA-IG-A4QS	71	Male	G3	III	T3	M0	N2	Adeno	White	No	No
TCGA-VR-A8EP	51	Male	G3	III	T3	M0	N2	SCC	White	No	No
TCGA-JY-A93C	47	Male	G3	III	T3	M0	N2	Adeno	Asian	No	Yes
TCGA-IG-A8O2	62	Male	G3	III	T3	M0	N2	SCC	Asian	No	Yes
TCGA-L5-A4OE	81	Male	G2	III	T3	Unknown	N2	Adeno	White	Unknown	Yes
TCGA-JY-A93D	51	Male	G3	III	T2	M0	N3	Adeno	White	Yes	Yes
TCGA-VR-A8EZ	47	Male	G2	III	T3	M0	N3	SCC	White	No	No
TCGA-L5-A4OO	75	Male	G2	III	T3	M0	N3	Adeno	White	Yes	Yes
TCGA-L7-A6VZ	62	Male	G2	III	T3	Unknown	N3	Adeno	White	Yes	Unknown
TCGA-L5-A4OI	79	Male	G2	III	T3	Unknown	N3	Adeno	White	No	Yes
TCGA-ZR-A9CJ	65	Male	G3	III	T3	Unknown	N3	Adeno	White	Unknown	No
TCGA-IG-A97H	36	Male	G3	II	T3	M0	Unknown	SCC	Asian	No	Yes
TCGA-IG-A7DP	50	Female	G2	III	T4	Unknown	Unknown	Adeno	White	No	No
TCGA-R6-A6DQ	74	Female									