

Supplementary Table 1 The detailed baseline characteristics of the total set

Samples	futime	fustat	Sex	histological_type	T	N	M	Stage	age_at_initial_pathologic_diagnosis	genetisk	riskScore	Cohort
TCGA-BJ-A3EZ	1.334247	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T3	N1b	M0	Stage IVA	51	high	3.060644	Test
TCGA-ET-A3DW	2.060274	0	MAL E	Thyroid Papillary Carcinoma - Tall Cell (>= 50% tall cell features)	T2	N1	MX	Stage III	64	low	0.05297	Train
TCGA-DE-A4M9	1.569863	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T2	NX	M0	Stage I	28	high	7.162751	Test
TCGA-E8-A433	2.605479	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T2	N0	M0	Stage I	25	low	0.261905	Train
TCGA-DJ-A13P	14.10959	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T2	N0	M0	Stage II	52	low	0.159344	Train
TCGA-DJ-A3VA	2.068493	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T1	N1a	M0	Stage I	39	low	0.037271	Train
TCGA-FE-A231	2.632877	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T3	N1b	MX	Stage IVA	70	high	2.154064	Test
TCGA-DJ-A2Q0	2.863014	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T2	N0	M0	Stage II	57	high	3.473454	Test
TCGA-E3-A3E2	5.265753	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T1	N1a	MX	Stage I	34	low	0.115896	Train
TCGA-FY-A3TY	1.942466	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T3	N0	MX	Stage III	61	high	4.796097	Test
TCGA-DJ-	1.465	0	MAL	Thyroid Papillary Carcinoma - Follicular	T	N	M	Stage	70	high	1.852	Test

A1QL	753		E	(>= 99% follicular patterned)	2	0	0	II			195		
TCGA-DJ-A4UW	2.243 836	0	FEM ALE	Thyroid Papillary Carcinoma - Tall Cell (>= 50% tall cell features)	T 1a	N 1b	M 0	Stage I	34		high	1.540 305	Test
TCGA-EM-A3FR	1.252 055	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 1a	M X	Stage III	55		low	0.320 245	Test
TCGA-FY-A4B4	1.8	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 1 b	N 1a	M X	Stage III	62		low	0.630 652	Train
TCGA-DJ-A2PY	0.731 507	0	FEM ALE	Thyroid Papillary Carcinoma - Tall Cell (>= 50% tall cell features)	T 3	N 1a	M 0	Stage III	46		low	0.979 768	Train
TCGA-EL-A4K1	2.865 753	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 1	M 0	Stage III	68		high	1.801 642	Train
TCGA-EL-A3ZM	3.002 74	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 4a	N 1	M 0	Stage IVA	60		low	0.724 132	Train
TCGA-ET-A3DV	13.88 493	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T 3	N 0	M X	Stage II	68		high	2.421 659	Test
TCGA-FK-A3SH	4.008 219	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 1a	M X	Stage III	50		low	0.217 693	Test
TCGA-FK-A4UB	9.673 973	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 1a	M X	Stage III	51		low	0.906 848	Test
TCGA-EL-A3N2	2.471 233	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 1	M 0	Stage I	24		low	0.045 249	Test
TCGA-BJ-A0ZG	2.123 288	0	MAL E	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T 1	N 0	M 0	Stage I	80		high	7.531 896	Test
TCGA-DE-A69J	1.224 658	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N X	M 0	Stage I	34		high	1.645 016	Train

TCGA-DE-A4MC	2.50137	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 1b	M 0	Stage I	43	high	2.172308	Test
TCGA-EM-A3SX	2.487671	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 1a	M X	Stage I	28	low	0.40732	Train
TCGA-DJ-A13S	0.726027	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T 1 b	N 0	M 0	Stage I	19	low	0.432149	Train
TCGA-ET-A2N5	6.739726	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T 3	N X	M X	Stage III	46	low	0.949051	Test
TCGA-MK-A4N6	3.008219	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 1b	M 0	Stage I	35	high	1.426597	Train
TCGA-EM-A2OY	2.693151	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T 2	N 0	M X	Stage II	46	high	3.523806	Train
TCGA-ET-A25O	5.441096	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 1a	M X	Stage I	35	low	0.049032	Test
TCGA-EL-A3N3	14.85753	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 3	N X	M 0	Stage II	53	high	1.454967	Train
TCGA-ET-A39P	7.945205	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 0	M X	Stage III	73	low	0.068326	Test
TCGA-EL-A3H3	3.613699	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 1	M 0	Stage I	19	high	3.899943	Train
TCGA-ET-A39L	9.038356	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 0	M X	Stage I	20	low	0.119878	Train
TCGA-EM-A1YD	4.750685	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T 2	N 0	M X	Stage II	53	high	7.350124	Train
TCGA-EM-	1.043	0	FEM	Thyroid Papillary Carcinoma - Follicular	T	N	M	Stage	33	low	0.588	Test

A3O8	836		ALE	(>= 99% follicular patterned)	1 b	0	X	I			306	
TCGA-DJ-A2QA	2.794 521	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T 3	N 0	M 0	Stage III	56	high	21.30 594	Trai n
TCGA-DJ-A3UZ	3.413 699	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 0	M 0	Stage III	70	high	3.253 899	Trai n
TCGA-DJ-A3UV	4.016 438	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 1	N 0	M 0	Stage I	18	high	2.194 74	Test
TCGA-IM-A3U2	0.520 548	0	FEM ALE	Thyroid Papillary Carcinoma - Tall Cell (>= 50% tall cell features)	T 3	N 1b	M X	Stage IVA	89	high	7.695 381	Trai n
TCGA-DJ-A1QQ	1.463 014	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 0	M 0	Stage I	43	high	1.575 186	Trai n
TCGA-DE-A3KN	2.276 712	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 1b	M 0	Stage IVA	49	low	0.030 959	Test
TCGA-DJ-A1QM	0.501 37	0	MAL E	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T 1a	N 0	M 0	Stage I	42	high	4.019 555	Trai n
TCGA-DJ-A2QB	2.931 507	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T 3	N 1b	M 0	Stage IVA	53	high	1.214 303	Trai n
TCGA-J8-A42S	0.205 479	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 1 b	N 1a	M X	Stage III	45	low	0.578 938	Test
TCGA-EL-A3ZR	5.013 699	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 0	M 0	Stage II	46	low	0.286 406	Test
TCGA-EL-A3T8	8.956 164	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 0	M 0	Stage I	36	low	0.087 068	Test
TCGA-ET-	3.854	0	MAL	Thyroid Papillary Carcinoma - Tall Cell (>=	T	N	M	Stage	38	low	0.954	Trai

A40Q	795		E	50% tall cell features)	3	1b	X	I			384	n
TCGA-KS-A4IB	7.060 274	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 1	M 0	Stage I	41	high	2.022 265	Trai n
TCGA-FY-A3YR	1.446 575	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 1a	M X	Stage III	64	low	0.812 996	Trai n
TCGA-ET-A25G	6.827 397	0	FEM ALE	Thyroid Papillary Carcinoma - Tall Cell (>= 50% tall cell features)	T 3	N 0	M X	Stage III	56	high	2.295 542	Test
TCGA-FY-A3R6	1.158 904	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 1b	M X	Stage IVA	57	low	0.883 599	Trai n
TCGA-EM-A4FQ	1.871 233	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T 2	N 1	M X	Stage I	42	low	0.609 72	Trai n
TCGA-ET-A40T	3.123 288	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 1a	M X	Stage I	26	low	0.523 207	Test
TCGA-E3-A3E0	5.531 507	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 0	M X	Stage I	34	high	3.370 987	Test
TCGA-EM-A1CV	4.041 096	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 1	N 0	M X	Stage I	32	low	0.016 626	Trai n
TCGA-BJ-A2N9	1.706 849	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 0	M 0	Stage I	42	high	13.81	Trai n
TCGA-MK-A84Z	1.994 521	0	MAL E	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T 3	N X	M X	Stage III	74	high	45.30 755	Test
TCGA-EM-A3FM	1.750 685	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 1b	M X	Stage IVA	57	high	2.326 985	Trai n
TCGA-J8-A3O0	3.597 26	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 0	M 0	Stage I	38	high	2.459 151	Trai n
TCGA-DJ-	2.301	0	FEM	Thyroid Papillary Carcinoma - Follicular	T	N	M	Stage	68	low	0.164	Trai

A3VM	37		ALE	(>= 99% follicular patterned)	2	0	0	II			745	n	
TCGA-ET-A3BO	4.2	0	FEM ALE	Thyroid Papillary Carcinoma - Tall Cell (>= 50% tall cell features)	T 3	N 1a	M X	Stage I	44		low	0.669 162	Trai n
TCGA-ET-A39R	7.843 836	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 1	N 0	M X	Stage I	24		low	0.646 965	Trai n
TCGA-EL-A3T9	0.476 712	1	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 4	N 1	M X	Stage IV	69		high	5.814 726	Test
TCGA-EM-A22Q	1.186 301	0	MAL E	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T 3	N 0	M X	Stage I	36		high	8.266 171	Trai n
TCGA-ET-A3BU	6.484 932	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 1	N 1a	M X	Stage I	28		low	0.260 464	Test
TCGA-EL-A4KH	2.254 795	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 0	M 0	Stage I	36		low	0.236 722	Test
TCGA-EM-A2CL	1.098 63	0	MAL E	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T 2	N X	M X	Stage I	31		high	8.741 282	Test
TCGA-DJ-A2Q7	2.926 027	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 1a	M 0	Stage III	52		low	0.834 835	Test
TCGA-BJ-A45C	0.665 753	1	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 0	M 0	Stage III	78		high	348.1 911	Trai n
TCGA-ET-A2MX	7.367 123	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 1a	M X	Stage I	27		low	0.201	Trai n
TCGA-CE-A483	1.252 055	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 1	M 0	Stage I	34		low	0.207 898	Trai n
TCGA-DE-A0XZ	2.986 301	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 1	N 1a	M 0	Stage III	65		low	1.031 337	Test
TCGA-ET-	0.221	0	FEM	Thyroid Papillary Carcinoma - Follicular	T	N	M	Stage	53		low	0.650	Test

A2N4	918		ALE	(>= 99% follicular patterned)	3	0	X	III			251		
TCGA-EL-A3ZQ	5.10137	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 0	M 0	Stage II	78		low	0.385787	Test
TCGA-E8-A44M	2.512329	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 1 b	N 0	M 0	Stage I	23		high	3.651615	Test
TCGA-EM-A4FV	2.038356	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 1 b	N 0	M X	Stage I	64		high	1.452202	Test
TCGA-ET-A2N1	4.528767	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 1a	M X	Stage III	47		low	0.844484	Train
TCGA-DJ-A4UL	2.572603	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 1 b	N 0	M 0	Stage I	68		low	0.725736	Train
TCGA-DJ-A3V0	3.082192	0	MAL E	Thyroid Papillary Carcinoma - Tall Cell (>= 50% tall cell features)	T 4a	N 1b	M 0	Stage IVA	56		low	0.72269	Train
TCGA-DJ-A2Q9	2.991781	0	FEM ALE	Thyroid Papillary Carcinoma - Tall Cell (>= 50% tall cell features)	T 1 b	N 1a	M 0	Stage III	65		high	8.563506	Test
TCGA-EM-A22M	1.210959	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 1 b	N 0	M X	Stage I	52		high	3.725763	Test
TCGA-ET-A4KQ	2.616438	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T 2	N X	M X	Stage II	45		high	2.12201	Train
TCGA-EL-A3GO	5.405479	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 0	M 0	Stage I	31		low	0.001453	Test

TCGA-KS-A41F	11.96438	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 1	M 0	Stage I	37	low	0.217947	Test
TCGA-DJ-A2QC	3.328767	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 0	M 0	Stage II	70	low	0.147828	Test
TCGA-FE-A233	2.057534	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N X	M X	Stage I	18	low	0.097091	Test
TCGA-ET-A40P	3.665753	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T 2	N 0	M X	Stage I	32	high	2.190662	Test
TCGA-EM-A4FM	0.443836	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 1b	M X	Stage IVA	59	high	1.596369	Test
TCGA-J8-A3YH	0.479452	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 1b	M 0	Stage I	39	low	0.197836	Test
TCGA-ET-A39I	2.769863	1	FEM ALE	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T 1	N X	M X	Stage I	83	low	0.139114	Train
TCGA-FE-A235	9.783562	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 1	M X	Stage I	26	low	0.040786	Train
TCGA-EL-A3GQ	4.186301	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T 1	N 0	M 0	Stage I	72	low	0.028114	Train
TCGA-DJ-A3VD	3.391781	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 1	N 1a	M 0	Stage I	32	high	2.873245	Test
TCGA-DJ-A3UQ	1.630137	0	FEM ALE	Thyroid Papillary Carcinoma - Tall Cell (>= 50% tall cell features)	T 3	N 1a	M 0	Stage III	45	low	0.98336	Train
TCGA-E3-A3E5	3.328767	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 4a	N 1b	M X	Stage IVA	57	low	0.119215	Train
TCGA-ET-	7.073	0	MAL	Thyroid Papillary Carcinoma -	T	N	M	Stage	34	high	1.787	Test

A39M	973		E	Classical/usual	2	X	X	I			568		
TCGA-IM-A41Z	2.591781	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T 1 b	N 0	M X	Stage I	37		low	0.014426	Test
TCGA-BJ-A2NA	1.580822	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 0	M 0	Stage III	77		high	2.115133	Train
TCGA-DJ-A3V3	2.550685	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 0	M 0	Stage II	57		low	0.675244	Train
TCGA-DJ-A3UW	4.964384	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 1 b	N 0	M 0	Stage I	50		high	3.894542	Test
TCGA-ET-A39T	8.183562	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T 3	N 0	M X	Stage III	55		low	0.075415	Train
TCGA-H2-A2K9	1.805479	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 1b	M X	Stage I	25		low	0.181616	Test
TCGA-ET-A3DU	5.235616	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 1	N 1a	M X	Stage I	21		high	2.084434	Test
TCGA-BJ-A190	1.715068	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 0	M X	Stage II	55		high	3.568872	Train
TCGA-E8-A413	2.49863	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 1 b	N 0	M 0	Stage I	38		low	1.002371	Test
TCGA-DE-A4MB	0.964384	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 1b	M 0	Stage IVA	79		high	6.384201	Test
TCGA-EL-A3D5	4.758904	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 1b	M 0	Stage I	44		low	7.13E-05	Test

TCGA-E8-A416	2.608 219	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 1 b	N 0	M 0	Stage I	51	high	7.754 552	Train
TCGA-EL-A3GP	4.126 027	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 1a	M 0	Stage III	70	high	3.719 724	Train
TCGA-J8-A4HY	0.016 438	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 4a	N 1b	M X	Stage IVA	68	low	1.053 419	Test
TCGA-EM-A1YE	4.506 849	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (\geq 99% follicular patterned)	T 2	N 0	M X	Stage II	47	high	11.02 535	Test
TCGA-DJ-A4UT	2.254 795	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 1a	N 0	M 0	Stage I	32	high	2.813 25	Test
TCGA-BJ-A45D	0.906 849	0	MAL E	Thyroid Papillary Carcinoma - Follicular (\geq 99% follicular patterned)	T 2	N 0	M 0	Stage I	36	high	3.602 328	Train
TCGA-DJ-A3UR	3.027 397	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (\geq 99% follicular patterned)	T 3	N 1a	M 0	Stage III	51	low	0.066 866	Test
TCGA-EL-A3GX	12.31 233	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 1	M 0	Stage I	41	low	0.149 908	Test
TCGA-FY-A3NN	0	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 1 b	N 1a	M X	Stage III	48	low	0.030 146	Train
TCGA-EL-A4KI	1.991 781	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 0	M X	Stage III	63	high	6.131 506	Train
TCGA-EL-A4K6	3.679 452	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 4	N 1	M X	Stage IV	75	high	6.364 177	Train
TCGA-BJ-A290	2.517 808	0	MAL E	Thyroid Papillary Carcinoma - Tall Cell (\geq 50% tall cell features)	T 3	N 1a	M 0	Stage III	70	high	1.862 733	Train

TCGA-FY-A76V	0.139726	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T2	NX	MX	Stage II	54	low	0.838797	Test
TCGA-EL-A4K4	4.446575	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T3	N1	M0	Stage I	33	high	1.847874	Train
TCGA-DJ-A2PP	2.547945	0	MAL E	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T2	N0	M0	Stage II	47	low	0.867858	Train
TCGA-ET-A39K	8.950685	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T3	N1a	MX	Stage III	48	low	0.704253	Test
TCGA-ET-A4KN	2.764384	0	FEM ALE	Thyroid Papillary Carcinoma - Tall Cell (>= 50% tall cell features)	T3	N0	MX	Stage III	51	high	1.660843	Test
TCGA-ET-A3DQ	7.071233	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T1	N0	MX	Stage I	43	high	2.160567	Test
TCGA-BJ-A45G	1.986301	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T2	N1	M0	Stage III	48	high	3.279256	Test
TCGA-L6-A4EQ	3.364384	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T2	N1a	M0	Stage III	47	low	0.349223	Test
TCGA-EL-A3CO	1.989041	1	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T3	N1b	M0	Stage III	88	high	16.35809	Train
TCGA-E8-A419	2.120548	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T2	N1	M0	Stage I	30	low	0.902931	Test
TCGA-EM-A2CQ	1.024658	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T1b	N1a	MX	Stage I	40	high	1.582901	Train
TCGA-EL-A3D0	11.65479	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T4	N1b	M0	Stage III	61	low	0.719588	Test
TCGA-EM-	4.038	0	FEM	Thyroid Papillary Carcinoma - Follicular	T	N	M	Stage	20	low	0.210	Test

A2CT	356		ALE	(>= 99% follicular patterned)	1 b	0	X	I			673	
TCGA-E8-A436	1.246 575	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 1b	M 0	Stage IVA	53	high	3.024 693	Train
TCGA-BJ-A2N8	1.380 822	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 1 b	N 0	M 0	Stage I	30	high	1.151 427	Test
TCGA-EL-A3GW	4.183 562	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 0	M 0	Stage I	37	low	0.873 086	Train
TCGA-EL-A3CW	2.569 863	1	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 1a	M 0	Stage III	87	high	11.30 255	Train
TCGA-EM-A22P	3.441 096	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 1 b	N 1b	M X	Stage IVA	64	high	1.251 706	Test
TCGA-BJ-A4O9	1.956 164	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T 2	N 0	M 0	Stage II	51	low	0.040 468	Test
TCGA-FY-A3WA	1.421 918	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T 1a	N X	M X	Stage I	52	high	7.930 049	Test
TCGA-DJ-A2PN	0.841 096	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 1 b	N 0	M 0	Stage I	70	high	3.048 015	Test
TCGA-EL-A4KD	3.632 877	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 1	M 0	Stage I	41	low	0.482 555	Train
TCGA-DJ-A3V6	2.241 096	0	MAL E	Thyroid Papillary Carcinoma - Tall Cell (>= 50% tall cell features)	T 3	N 0	M 0	Stage III	54	high	1.476 498	Train
TCGA-DJ-	3.027	0	FEM	Thyroid Papillary Carcinoma - Follicular	T	N	M	Stage	43	high	4.771	Test

A3UT	397		ALE	(>= 99% follicular patterned)	1a	0	0	I			741		
TCGA-BJ-A45J	1.80274	0	FEM ALE	Thyroid Papillary Carcinoma - Tall Cell (>= 50% tall cell features)	T 1a	N 1a	M 0	Stage I	39		high	2.069646	Train
TCGA-ET-A2MY	4.89589	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 1b	N X	M X	Stage I	72		low	1.054769	Test
TCGA-ET-A3BQ	6.386301	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 0	M X	Stage I	27		low	0.03477	Train
TCGA-DJ-A2PQ	2.950685	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 1a	M 0	Stage I	26		low	0.162526	Train
TCGA-EM-A4FF	7.049315	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 1b	N 1	M X	Stage I	40		low	0.591931	Test
TCGA-EL-A3GZ	11.66575	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 1	N 0	M 0	Stage I	34		low	0.129585	Test
TCGA-EL-A3H5	6.964384	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 4	N 1	M 0	Stage IVA	57		high	4.419449	Test
TCGA-ET-A39J	8.841096	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N X	M X	Stage I	23		low	0.694336	Train
TCGA-DJ-A2Q2	3.663014	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T 3	N 0	M 0	Stage III	57		high	6.092597	Test
TCGA-H2-A26U	1.416438	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 0	M X	Stage III	54		high	2.060437	Train
TCGA-H2-A421	1.671233	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 1b	N 1a	M 0	Stage I	34		low	0.756352	Test

TCGA-FY-A4B3	1.169 863	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 1a	M X	Stage III	51	high	1.753 975	Test
TCGA-CE-A13K	1.054 795	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 1	M 0	Stage I	30	high	2.629 898	Test
TCGA-DJ-A3UK	3.076 712	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 1 b	N 0	M 0	Stage I	35	low	0.049 948	Test
TCGA-EL-A3MY	1.460 274	1	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 4	N X	M 1	Stage IVC	81	high	5.966 663	Train
TCGA-EM-A1CU	1.742 466	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 1a	M 0	Stage I	31	low	0.229 813	Test
TCGA-BJ-A28X	2.580 822	0	FEM ALE	Thyroid Papillary Carcinoma - Tall Cell (>= 50% tall cell features)	T 3	N 1a	M 0	Stage I	32	high	1.206 761	Train
TCGA-EL-A4K0	2.586 301	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 1	N 0	M 0	Stage I	54	high	2.037 819	Test
TCGA-EL-A3D4	5.797 26	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 1b	M 0	Stage IVA	62	high	2.793 618	Train
TCGA-KS-A4I5	1.553 425	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 1 b	N 1b	M 0	Stage IVA	49	low	0.798 765	Test
TCGA-EL-A3CL	2.638 356	1	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N X	M 0	Stage II	70	high	5.975 619	Train
TCGA-IM-A3U3	1.408 219	0	FEM ALE	Thyroid Papillary Carcinoma - Tall Cell (>= 50% tall cell features)	T 1 b	N 0	M X	Stage I	55	low	0.474 074	Train
TCGA-E8-	2.972	0	FEM	Thyroid Papillary Carcinoma - Classical/usual	T	N	M	Stage	52	high	3.255	Train

A2EA	603		ALE	Classical/usual		1 b	0	0	I				336	n
TCGA-EL-A3T7	3.441 096	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual		T 2	N 0	M 0	Stage II	47		high	3.761 914	Test
TCGA-EL-A3CM	2.227 397	1	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual		T 3	N 1b	M 0	Stage III	64		high	108.8 242	Train n
TCGA-EL-A3GR	9.591 781	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual		T 3	N X	M 0	Stage I	31		low	0.474 377	Test
TCGA-J8-A4HW	0.216 438	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual		T 2	N 1	M 0	Stage III	59		high	36.97 196	Test
TCGA-BJ-A28W	0.942 466	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual		T 2	N 0	M 0	Stage I	32		high	7.913 733	Train n
TCGA-DJ-A3VI	0.260 274	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual		T 1 b	N 1a	M 0	Stage III	52		low	0.473 016	Test
TCGA-EM-A3OA	2.252 055	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (\geq 99% follicular patterned)		T 2	N 0	M X	Stage II	55		high	1.441 013	Train n
TCGA-KS-A41L	9.487 671	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (\geq 99% follicular patterned)		T 2	N 0	M 0	Stage I	39		high	7.234 151	Train n
TCGA-ET-A25L	4.715 068	0	FEM ALE	Thyroid Papillary Carcinoma - Tall Cell (\geq 50% tall cell features)		T 3	N 1b	M X	Stage IVA	52		low	0.570 463	Train n
TCGA-BJ-A0ZH	1.260 274	0	FEM ALE	Thyroid Papillary Carcinoma - Tall Cell (\geq 50% tall cell features)		T 2	N 1b	M X	Stage IVA	52		high	1.429 395	Train n
TCGA-L6-A4EP	2.783 562	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual		T 2	N 0	M 0	Stage I	41		high	1.504 207	Test
TCGA-DJ-	4.364	0	FEM	Thyroid Papillary Carcinoma - Follicular		T	N	M	Stage	45		high	20.33	Test

A13W	384		ALE	(>= 99% follicular patterned)	1 b	0	0	I			726	
TCGA-EM-A2OW	3.361 644	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T 1 b	N X	M X	Stage I	37	high	12.34 195	Train
TCGA-EL-A4K9	3.986 301	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 0	M 0	Stage II	68	low	0.100 465	Test
TCGA-BJ-A192	3.695 89	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 3	N X	M 0	Stage III	54	high	2.880 446	Test
TCGA-EL-A4JW	2.893 151	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 1	N 0	M 0	Stage I	38	high	8.796 434	Test
TCGA-BJ-A0ZA	1.572 603	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 0	M 0	Stage II	67	low	1.064 032	Test
TCGA-E8-A415	2.586 301	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 1a	N 1b	M 0	Stage I	39	low	0.697 872	Train
TCGA-EL-A4K2	2.542 466	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 1	N 0	M 0	Stage I	43	high	1.411 522	Train
TCGA-EM-A1CT	1.515 068	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 1 b	N 1b	M X	Stage IVA	76	low	0.742 201	Train
TCGA-FE-A230	5.953 425	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 1a	M X	Stage I	30	low	0.190 466	Test
TCGA-DJ-A2PX	2.413 699	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T 1 b	N 0	M 0	Stage I	55	low	0.334 712	Test
TCGA-FY-	1.873	0	FEM	Thyroid Papillary Carcinoma -	T	N	M	Stage	51	high	4.053	Test

A40M	973		ALE	Classical/usual	1 b	0	X	I			645	
TCGA-EM-A3AP	0.695 89	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T 2	N X	M X	Stage I	31	high	2.666 937	Train
TCGA-EM-A3FN	1.005 479	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T 3	N 0	M X	Stage I	42	high	19.84 754	Train
TCGA-EM-A2OZ	2.830 137	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 1 b	N 0	M X	Stage I	66	low	0.042 833	Train
TCGA-DJ-A3VL	1.953 425	0	MAL E	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T 1a	N 0	M 0	Stage I	38	low	0.660 463	Test
TCGA-DO-A1JZ	4.575 342	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T 2	N X	M X	Stage I	23	low	0.205 88	Test
TCGA-DJ-A4V2	0.260 274	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 0	M 0	Stage I	38	high	1.732 3	Test
TCGA-EL-A3ZP	5.457 534	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 4	N 1	M 0	Stage I	19	low	0.299 428	Train
TCGA-EL-A3H1	4.109 589	1	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 1	N 0	M 0	Stage I	66	high	65.83 832	Train
TCGA-EM-A2OV	1.846 575	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T 2	N 0	M X	Stage II	64	high	15.11 844	Test
TCGA-BJ-A2N7	1.531 507	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 0	M 0	Stage I	30	high	1.205 567	Test
TCGA-EM-A4FO	2.197 26	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 1 b	N 0	M X	Stage I	72	high	4.143 485	Train

TCGA-BJ-A3PT	1.942466	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 0	M 0	Stage III	51	high	1.212279	Test
TCGA-DJ-A2Q8	3.257534	0	FEM ALE	Thyroid Papillary Carcinoma - Tall Cell (>= 50% tall cell features)	T 1a	N 0	M 0	Stage I	47	high	3.344456	Train
TCGA-BJ-A0Z9	3.443836	0	FEM ALE	Thyroid Papillary Carcinoma - Tall Cell (>= 50% tall cell features)	T 3	N 0	M X	Stage III	57	high	3.532412	Test
TCGA-BJ-A291	1.906849	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 1	N 0	M 0	Stage I	56	high	10.26521	Train
TCGA-DJ-A2PT	3.235616	0	FEM ALE	Thyroid Papillary Carcinoma - Tall Cell (>= 50% tall cell features)	T 3	N 0	M 0	Stage III	70	high	2.964837	Test
TCGA-EL-A3ZG	7.463014	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 0	M 0	Stage I	15	low	0.003059	Test
TCGA-EM-A3FJ	2.328767	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 1a	N 1b	M X	Stage I	24	low	0.331098	Test
TCGA-DJ-A4V0	2.961644	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 0	M 0	Stage I	36	high	13.21587	Test
TCGA-E8-A438	2.791781	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 1b	N 0	M 0	Stage I	23	low	0.358326	Test
TCGA-EL-A4K7	3.427397	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 1	M 0	Stage III	74	low	0.403462	Train
TCGA-FE-A3PD	6.564384	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T 2	N 0	M X	Stage I	17	low	0.186896	Train
TCGA-EL-A3TA	5.575342	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 0	M 0	Stage I	42	high	3.893343	Train
TCGA-EL-	13.09	0	FEM	Thyroid Papillary Carcinoma -	T	N	M	Stage	70	high	1.601	Train

A3CU	589		ALE	Classical/usual	1	1a	0	III			168	n	
TCGA-DE-A4MA	2.509 589	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 1a	M 0	Stage III	52		low	0.927 206	Trai n
TCGA-DE-A69K	1.189 041	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 0	M 0	Stage III	58		low	0.123 404	Trai n
TCGA-DJ-A2Q4	2.827 397	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 1	N 1a	M 0	Stage III	53		low	0.656 972	Test
TCGA-KS-A41I	1.331 507	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T 1	N 0	M 0	Stage I	47		low	0.248 7	Test
TCGA-DJ-A1QH	3.542 466	0	FEM ALE	Thyroid Papillary Carcinoma - Tall Cell (>= 50% tall cell features)	T 3	N 1a	M 0	Stage III	58		high	1.628 94	Trai n
TCGA-FE-A23A	6.819 178	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 0	M X	Stage I	27		low	0.478 993	Trai n
TCGA-ET-A3DS	5.569 863	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 1	N 0	M X	Stage I	33		high	13.30 807	Trai n
TCGA-DJ-A3VF	0.8	0	FEM ALE	Thyroid Papillary Carcinoma - Tall Cell (>= 50% tall cell features)	T 3	N 1b	M 0	Stage IVA	60		high	5.192 541	Test
TCGA-EM-A3AJ	2.578 082	0	MAL E	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T 3	N 1a	M X	Stage I	39		high	4.333 081	Trai n
TCGA-DO-A2HM	0.194 521	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 1	N 1b	M X	Stage IVA	49		high	6.803 145	Test
TCGA-DJ-A13T	4.682 192	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 0	M 0	Stage I	37		low	0.792 061	Trai n
TCGA-FY-	1.802	0	FEM	Thyroid Papillary Carcinoma - Follicular	T	N	M	Stage	66		low	0.251	Trai

A3W9	74		ALE	(>= 99% follicular patterned)	2	0	X	II			955	n	
TCGA-BJ-A0Z2	4.147945	0	MAL E	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T 2	N 0	M 1	Stage IVC	57		low	0.094996	Test
TCGA-FY-A3RA	1.506849	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N X	M X	Stage I	21		low	0.010525	Train
TCGA-FE-A3PB	7.09589	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 1a	M X	Stage I	33		high	2.399452	Test
TCGA-EM-A3O7	0.610959	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 3	N X	M X	Stage III	46		low	0.015871	Test
TCGA-KS-A4I3	3.641096	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 1	M 0	Stage I	41		high	2.385824	Train
TCGA-DE-A2OL	3.136986	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T 2	N X	M X	Stage I	44		high	312.4944	Test
TCGA-EM-A22N	0.887671	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T 1	N 0	M X	Stage I	68		high	11.34119	Test
TCGA-EL-A3ZO	6.057534	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 1	M 0	Stage III	79		high	4.653631	Test
TCGA-EM-A3AO	3.709589	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 1b	M X	Stage IVA	61		low	0.265289	Test
TCGA-FY-A3I4	1.484932	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 0	M 0	Stage I	34		high	1.838685	Test
TCGA-FY-A4B0	1.150685	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 1a	N X	M X	Stage I	76		high	19.88385	Train
TCGA-FY-A3R8	1.306849	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 3	N X	M X	Stage III	62		low	0.644101	Train

TCGA-EL-A3T0	11.87 671	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 1	M 0	Stage III	45	high	1.744 449	Train
TCGA-CE-A27D	1.024 658	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 1	M 0	Stage I	28	high	3.252 172	Train
TCGA-DJ-A1QN	3.547 945	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 1 b	N 0	M 0	Stage I	42	low	0.059 126	Train
TCGA-KS-A41J	1.306 849	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 1	M 0	Stage I	28	low	0.012 266	Test
TCGA-KS-A4ID	2.769 863	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (\geq 99% follicular patterned)	T 1	N 0	M 0	Stage I	55	low	0.753 011	Test
TCGA-EM-A22L	0.871 233	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (\geq 99% follicular patterned)	T 2	N 0	M X	Stage I	33	high	1.974 47	Test
TCGA-E8-A432	2.550 685	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 0	M 0	Stage II	57	low	0.958 277	Train
TCGA-BJ-A18Y	4.282 192	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 1 b	N 0	M X	Stage I	29	high	1.665 331	Test
TCGA-E8-A417	2.569 863	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 1a	M 0	Stage I	38	low	0.055 658	Train
TCGA-EM-A2CP	0.249 315	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (\geq 99% follicular patterned)	T 2	N 0	M X	Stage I	26	high	9.139 907	Train
TCGA-EL-A3H2	2.791 781	1	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 0	M X	Stage II	58	high	7.150 578	Train
TCGA-DJ-A13U	4.356 164	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 0	M 0	Stage III	60	low	0.047 096	Test

TCGA-J8-A3YD	2.652055	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T1b	N1a	M0	Stage III	47	high	6.413163	Test
TCGA-BJ-A3PR	3.032877	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T1a	N0	M0	Stage I	69	high	9.332935	Train
TCGA-EM-A22K	1.312329	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T1b	N1b	MX	Stage IVA	46	low	0.638648	Train
TCGA-EL-A3T1	10.79726	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T2	N0	M0	Stage I	38	high	1.212755	Test
TCGA-EM-A4FK	1.778082	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T2	NX	MX	Stage I	33	high	2.956047	Test
TCGA-BJ-A45F	0.287671	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T1b	N0	M0	Stage I	59	low	0.268189	Train
TCGA-DJ-A3V4	3.545205	0	FEM ALE	Thyroid Papillary Carcinoma - Tall Cell (>= 50% tall cell features)	T3	N1a	M0	Stage III	60	low	0.708232	Train
TCGA-FE-A3PA	8.863014	0	MAL E	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T4	N0	M1	Stage II	16	low	0.129238	Train
TCGA-DJ-A2Q5	3.123288	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T2	N1b	M0	Stage IVA	51	low	1.038425	Train
TCGA-EL-A3T2	2.706849	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T2	N1	M0	Stage III	55	high	14.43709	Test
TCGA-ET-A2N0	4.383562	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T1b	N1a	MX	Stage III	51	low	0.710083	Train

TCGA-ET-A3BN	2.353425	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N X	M X	Stage I	33	low	0.014257	Train
TCGA-DJ-A3UM	2.586301	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 1 b	N 0	M 0	Stage I	45	low	0.398663	Test
TCGA-EM-A1YC	6.550685	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T 3	N 0	M X	Stage III	71	high	3.066602	Test
TCGA-DJ-A2PV	2.665753	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 0	M 0	Stage II	53	low	0.353346	Test
TCGA-EM-A3FK	1.980822	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 1 b	N 1b	M X	Stage I	30	low	0.321139	Test
TCGA-DJ-A13R	1.547945	0	MAL E	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T 3	N 0	M 0	Stage III	50	high	3.413139	Train
TCGA-BJ-A45H	2.369863	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 0	M 0	Stage III	45	high	1.687695	Test
TCGA-EL-A4JV	4.789041	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 0	M 0	Stage I	41	high	1.232726	Test
TCGA-DJ-A3V7	1.934247	0	FEM ALE	Thyroid Papillary Carcinoma - Tall Cell (>= 50% tall cell features)	T 3	N 0	M 0	Stage III	44	low	0.440637	Test
TCGA-EL-A3MW	9.054795	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 0	M 0	Stage II	55	low	0.010947	Test
TCGA-EL-A3GV	4.19726	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 0	M 0	Stage III	65	low	0.027904	Test
TCGA-DJ-A4V5	2.947945	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 1b	M 0	Stage IVA	55	high	1.804295	Train

TCGA-EL-A3ZT	4.953425	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 0	M 0	Stage I	35	high	1.677382	Train
TCGA-DJ-A3UP	1.367123	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T 2	N 0	M 0	Stage I	38	high	1.187079	Train
TCGA-DJ-A3VK	2.063014	0	MAL E	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T 3	N 0	M 0	Stage III	63	low	0.275405	Test
TCGA-J8-A3YG	1.857534	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 1a	M 0	Stage III	54	high	2.348774	Train
TCGA-BJ-A3PU	1.553425	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 1a	M 0	Stage III	52	high	1.148788	Train
TCGA-EL-A3GS	5.449315	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 1	M 0	Stage I	37	low	0.008449	Train
TCGA-DJ-A4UP	2.509589	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 1	N 1b	M 0	Stage I	15	low	1.071727	Train
TCGA-EL-A3ZL	5.191781	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 1	N 1	M 0	Stage I	34	low	0.253507	Test
TCGA-DJ-A2Q1	3.145205	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 1	N 1b	M 0	Stage I	44	high	10.03175	Train
TCGA-DE-A4M8	1.545205	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 1	M 0	Stage III	61	high	5.713837	Train
TCGA-E8-A418	0.252055	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 4a	N 0	M 0	Stage IVA	75	low	0.093532	Train
TCGA-EM-A2CN	1.958904	0	MAL E	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T 3	N 0	M 1	Stage IVC	62	low	0.727376	Test

TCGA-ET-A25I	6.808 219	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T 2	N 0	M X	Stage I	37	low	0.612 859	Train
TCGA-ET-A25K	5.868 493	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 1a	M X	Stage I	36	low	0.201 939	Test
TCGA-EL-A3CN	12.96 164	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 0	M 0	Stage II	47	low	0.663 866	Train
TCGA-EL-A3H7	11.58 356	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 1	M 0	Stage I	36	low	1.022 895	Train
TCGA-DJ-A1QO	3.950 685	0	MAL E	Thyroid Papillary Carcinoma - Tall Cell (>= 50% tall cell features)	T 3	N 0	M 0	Stage III	69	high	4.289 412	Test
TCGA-EM-A3AQ	2.476 712	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 1 b	N 0	M X	Stage I	85	low	0.007 233	Train
TCGA-EM-A3O6	1.254 795	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T 2	N X	M X	Stage II	54	high	8.111 831	Test
TCGA-E3-A3E1	6.709 589	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 1	N 0	M 0	Stage I	46	low	0.508 329	Train
TCGA-EL-A3T3	11.00 548	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 0	M 0	Stage II	63	high	1.651 913	Train
TCGA-ET-A3BX	4.372 603	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 1a	M X	Stage I	24	low	0.948 031	Test
TCGA-ET-A25M	5.016 438	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 1	M X	Stage I	33	low	0.225 571	Train
TCGA-EM-A22J	1.208 219	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T 2	N 0	M X	Stage II	56	low	0.319 056	Test
TCGA-EM-	1.457	0	MAL	Thyroid Papillary Carcinoma -	T	N	M	Stage	40	high	11.99	Train

A3FO	534		E	Classical/usual		3	0	X	I			846	n
TCGA-EL-A3MZ	4.375 342	1	MAL E	Thyroid Papillary Carcinoma - Classical/usual		T 4	N 1	M X	Stage III	66	high	8.681 906	Test
TCGA-BJ-A18Z	3.460 274	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual		T 3	N 1b	M X	Stage IVA	58	low	0.518 814	Train
TCGA-DJ-A3UX	0.945 205	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual		T 1	N 0	M 0	Stage I	46	high	3.639 267	Test
TCGA-FE-A237	9.4	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual		T 3	N 1	M X	Stage I	19	low	0.517 884	Test
TCGA-EM-A3FL	3.947 945	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)		T 1	N X	M X	Stage I	63	high	20.56 656	Test
TCGA-J8-A3O2	0.936 986	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual		T 3	N 1b	M 0	Stage I	39	high	1.457 275	Train
TCGA-IM-A3ED	3.950 685	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual		T 1	N 0	M X	Stage I	58	low	0.240 523	Test
TCGA-ET-A40S	3.350 685	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual		T 2	N 0	M X	Stage II	62	high	2.374 505	Train
TCGA-ET-A3DR	6.715 068	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual		T 1	N 1a	M X	Stage I	42	high	5.976 762	Test
TCGA-EM-A1CS	2.238 356	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual		T 1	N 0	M X	Stage I	55	low	0.184 936	Test
TCGA-DO-A1K0	1.794 521	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual		T 3	N 1b	M X	Stage I	30	low	0.264 296	Train
TCGA-DJ-A2PS	2.183 562	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual		T 3	N 1a	M 0	Stage I	40	high	1.113 902	Test

TCGA-DJ-A2PU	2.830 137	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 0	M 0	Stage II	52	low	0.095 416	Test
TCGA-EM-A3FQ	1.347 945	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 1b	M X	Stage I	19	high	1.437 528	Test
TCGA-ET-A39N	10.27 671	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 3	N X	M X	Stage I	35	low	0.277 785	Train
TCGA-EL-A3CY	0.347 945	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T X	N 1b	M 0	Stage I	28	high	6.152 87	Test
TCGA-ET-A25R	5.287 671	0	FEM ALE	Thyroid Papillary Carcinoma - Tall Cell (>= 50% tall cell features)	T 3	N X	M X	Stage III	51	high	1.600 406	Test
TCGA-MK-A4N9	2.517 808	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 1	M 0	Stage I	41	low	0.442 04	Test
TCGA-FK-A3S3	5.923 288	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T 3	N 1b	M X	Stage I	43	low	0.371 257	Test
TCGA-CE-A482	0.890 411	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 1	N 1	M 0	Stage I	27	low	0.127 537	Train
TCGA-EM-A2P3	1.216 438	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 1	N X	M X	Stage I	47	low	0.461 282	Test
TCGA-DJ-A2Q3	3.353 425	0	FEM ALE	Thyroid Papillary Carcinoma - Tall Cell (>= 50% tall cell features)	T 3	N 1a	M 0	Stage III	61	high	3.406 187	Train
TCGA-DJ-A1QG	3.747 945	0	MAL E	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T 1	N 0	M 0	Stage I	62	low	0.261 109	Test
TCGA-EL-A3ZK	4.315 068	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 1	M 0	Stage I	41	low	0.479 735	Train

TCGA-EL-A3CT	5.079452	1	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 4a	N 1a	M 0	Stage IVA	78	high	2.314115	Test
TCGA-QD-A8IV	1.073973	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 1b	M X	Stage IVA	50	high	11.27197	Test
TCGA-EL-A3T6	8.186301	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 0	M 0	Stage I	34	high	1.760129	Test
TCGA-DJ-A13M	4.065753	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T 1 b	N 0	M 0	Stage I	28	high	1.606912	Test
TCGA-ET-A2N3	6.945205	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T 2	N X	M X	Stage I	34	high	14.51027	Train
TCGA-FK-A3SD	0.087671	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 1	N 0	M 0	Stage I	61	high	18.46817	Test
TCGA-E3-A3E3	4.369863	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 0	M 0	Stage II	49	low	0.172922	Train
TCGA-EM-A3AL	1.178082	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T 1 b	N 0	M X	Stage I	45	high	5.499997	Test
TCGA-DJ-A3UO	2.621918	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 1b	M 0	Stage IVA	63	high	2.283385	Train
TCGA-EM-A3AK	1.306849	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 1 b	N 0	M X	Stage I	62	low	0.858835	Train
TCGA-EL-A3H8	12.53973	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 1	M 0	Stage I	35	low	0.069074	Test
TCGA-DE-	4.180	0	FEM	Thyroid Papillary Carcinoma -	T	N	M	Stage	60	low	0.097	Train

A0Y3	822		ALE	Classical/usual		4a	1b	1	IVC			471	n	
TCGA-FK-A3SB	0.342 466	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	-	T 3	N 1a	M X	Stage I	28		low	0.176 617	Trai n
TCGA-EM-A3O3	1.208 219	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	-	T 2	N 1a	M X	Stage III	83		high	8.126 943	Trai n
TCGA-EL-A4JX	3.830 137	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	-	T 3	N 0	M X	Stage I	31		high	6.504 223	Test
TCGA-H2-A3RH	1.038 356	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (\geq 99% follicular patterned)	-	T 1 b	N 0	M 0	Stage I	41		low	0.344 98	Test
TCGA-J8-A3YF	2.057 534	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	-	T 1	N 1	M 0	Stage III	83		high	1.226 769	Test
TCGA-ET-A3BT	7.301 37	0	FEM ALE	Thyroid Papillary Carcinoma - Tall Cell (\geq 50% tall cell features)	-	T 2	N 1b	M X	Stage IVA	60		low	0.580 036	Trai n
TCGA-BJ-A0ZJ	3.506 849	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	-	T 2	N 1a	M 0	Stage I	36		high	4.002 073	Test
TCGA-EM-A4G1	1.139 726	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (\geq 99% follicular patterned)	-	T 1 b	N 0	M X	Stage I	26		low	0.046 391	Trai n
TCGA-E8-A242	2.602 74	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	-	T 3	N 0	M X	Stage III	56		high	3.096 652	Test
TCGA-ET-A3BV	6.284 932	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	-	T 2	N 1a	M X	Stage III	47		high	2.823 938	Trai n
TCGA-ET-A25P	1.531 507	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	-	T 1	N 0	M X	Stage I	24		high	1.581 759	Trai n
TCGA-EM-	3.964	0	FEM	Thyroid Papillary Carcinoma - Follicular	-	T	N	M	Stage	49		high	22.15	Trai

A2CJ	384		ALE	(>= 99% follicular patterned)	1 b	X	X	I			304	n
TCGA-FY-A40N	1.586 301	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T 1a	N 0	M X	Stage I	55	low	0.114 879	Trai n
TCGA-DJ-A3V8	1.772 603	0	FEM ALE	Thyroid Papillary Carcinoma - Tall Cell (>= 50% tall cell features)	T 3	N 1b	M 0	Stage I	28	low	0.183 053	Test
TCGA-EM-A22O	3.682 192	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 4a	N 1a	M X	Stage IVA	75	high	1.280 453	Test
TCGA-DJ-A2PR	2.287 671	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 1a	M 0	Stage I	27	low	0.038 331	Trai n
TCGA-ET-A3DO	9.731 507	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N X	M X	Stage I	33	high	2.531 331	Test
TCGA-BJ-A0ZE	1.394 521	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 0	M 0	Stage III	63	low	0.020 273	Trai n
TCGA-EL-A3GU	11.33 425	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 1	M 0	Stage III	72	high	1.579 728	Trai n
TCGA-E8-A437	3.323 288	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T X	N X	M 0	Stage I	57	high	3.259 483	Test
TCGA-DE-A4MD	2.093 151	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 1b	M 0	Stage IVA	71	high	2.986 902	Trai n
TCGA-EM-A22I	1.227 397	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 0	M X	Stage III	52	high	1.494 39	Test
TCGA-DJ-A3US	2.734 247	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 1 b	N 0	M 0	Stage I	37	low	0.744 982	Test
TCGA-BJ-	1.287	0	FEM	Thyroid Papillary Carcinoma - Tall Cell (>=	T	N	M	Stage	51	high	3.225	Test

A45I	671		ALE	50% tall cell features)		3	0	0	III			424		
TCGA-IM-A3EB	4.076712	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual		T 3	N 1a	M X	Stage I	32		high	1.505602	Train
TCGA-E8-A434	2.610959	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual		T 1a	N 0	M 0	Stage I	56		high	1.175097	Test
TCGA-KS-A4I9	7.282192	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual		T 1 b	N 0	M 0	Stage I	46		high	3.410396	Test
TCGA-H2-A3RI	0.917808	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual		T 3	N 0	M X	Stage I	29		low	0.041271	Test
TCGA-EM-A2P2	1.441096	0	MAL E	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)		T 3	N 0	M X	Stage III	46		low	0.493881	Test
TCGA-BJ-A2P4	1.068493	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual		T 2	N 0	M 0	Stage I	29		high	1.11505	Train
TCGA-J8-A3O1	2.265753	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual		T 3	N 1b	M 0	Stage I	33		high	1.603119	Test
TCGA-CE-A484	1.035616	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual		T 2	N 1	M 0	Stage I	37		high	1.214127	Train
TCGA-FY-A40K	1.263014	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual		T 1a	N 0	M X	Stage I	46		low	0.185832	Train
TCGA-E8-A414	2.624658	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual		T 3	N 0	M 0	Stage III	45		high	4.220352	Test
TCGA-DJ-A3V2	1.684932	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual		T 2	N 1a	M 0	Stage I	44		low	0.568109	Test
TCGA-DJ-A1QF	2.550685	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual		T 2	N 0	M 0	Stage II	61		low	0.013707	Train

TCGA-BJ-A0ZC	0.964384	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 1	N 0	M 0	Stage I	55	high	4.711574	Train
TCGA-FY-A3R9	1.380822	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 1a	N 0	M X	Stage I	66	low	1.068092	Train
TCGA-DJ-A3V5	1.6	0	FEM ALE	Thyroid Papillary Carcinoma - Tall Cell (>= 50% tall cell features)	T 3	N 0	M 0	Stage III	76	low	1.050882	Test
TCGA-DJ-A2PO	0.665753	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 1a	N 0	M 0	Stage I	54	low	0.291541	Train
TCGA-H2-A422	1.550685	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 0	M X	Stage I	40	low	0.006724	Train
TCGA-ET-A2MZ	3.10411	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 1b	N 0	M X	Stage I	39	low	0.250859	Train
TCGA-L6-A4EU	0.791781	0	FEM ALE	Thyroid Papillary Carcinoma - Tall Cell (>= 50% tall cell features)	T 3	N 1a	M 0	Stage III	58	high	4.273522	Test
TCGA-FY-A3I5	0.652055	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T 3	N 0	M X	Stage III	64	low	0.172471	Test
TCGA-BJ-A28Z	0.923288	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 1a	M 0	Stage III	46	high	2.421959	Train
TCGA-CE-A3ME	1.038356	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 0	M 0	Stage II	51	low	0.023286	Test
TCGA-EM-A3FP	1.449315	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T 2	N 0	M X	Stage II	71	low	0.526846	Train
TCGA-FY-A40L	1.989041	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 4a	N 1b	M X	Stage IVA	55	low	0.367439	Train
TCGA-ET-	6.463	0	FEM	Thyroid Papillary Carcinoma -	T	N	M	Stage	40	low	0.124	Train

A25J	014		ALE	Classical/usual	2	1a	X	I			752	n	
TCGA-FE-A239	2.80274	1	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 0	M X	Stage III	82		low	0.72548	Test
TCGA-EL-A4JZ	5.084932	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 1a	M 0	Stage III	55		high	4.229602	Train
TCGA-EM-A2CO	0.50411	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (\geq 99% follicular patterned)	T 2	N X	M X	Stage II	77		high	5.006374	Train
TCGA-EM-A2P0	1.465753	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 1b	M X	Stage I	33		low	0.370456	Train
TCGA-FE-A236	5.564384	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 1	M X	Stage I	33		low	0.090046	Test
TCGA-EM-A4FN	2.19726	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 1	N 1b	M X	Stage IVA	49		high	1.153162	Test
TCGA-DJ-A3VE	1.580822	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 1	N 0	M 0	Stage I	50		low	0.041032	Test
TCGA-FY-A3R7	1.356164	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 1a	M X	Stage III	50		high	10.58987	Test
TCGA-DJ-A13X	0.693151	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (\geq 99% follicular patterned)	T 3	N 0	M 0	Stage III	51		low	0.186221	Test
TCGA-EM-A1CW	1.50411	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (\geq 99% follicular patterned)	T 3	N 0	M X	Stage I	39		high	4.215289	Test
TCGA-EM-A3O9	0.769863	0	MAL E	Thyroid Papillary Carcinoma - Follicular (\geq 99% follicular patterned)	T 3	N 0	M X	Stage I	40		high	5.203014	Train
TCGA-EM-	2.304	0	FEM	Thyroid Papillary Carcinoma -	T	N	M	Stage	51		low	0.963	Test

A2CS	11		ALE	Classical/usual	3	1b	X	IVA			953		
TCGA-FY-A3BL	1.70137	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 1	N X	M 0	Stage I	29		low	0.021763	Train
TCGA-ET-A40R	3.69863	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T 2	N 1a	M X	Stage I	24		low	0.019177	Train
TCGA-EM-A3AR	3.10411	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 1	N 1a	M X	Stage I	41		high	3.673056	Test
TCGA-EM-A3SZ	1.065753	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 0	M X	Stage I	42		high	2.175067	Test
TCGA-BJ-A28R	3.512329	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 1	N 0	M 0	Stage I	38		low	0.240163	Train
TCGA-DJ-A1QE	11.32603	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 0	M 0	Stage III	62		high	1.907606	Train
TCGA-EL-A3CP	13.23562	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T 1	N X	M 0		50		low	0.210513	Test
TCGA-EM-A3SU	2.49589	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 1b	M X	Stage I	43		high	1.91136	Train
TCGA-EL-A3MX	4.80274	1	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 4	N 1	M 1	Stage IVC	66		high	1.624003	Test
TCGA-GE-A2C6	1.043836	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 1b	M X	Stage I	33		high	2.906662	Train
TCGA-BJ-A0ZB	0.334247	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 1b	M 0	Stage IVA	66		high	1.70746	Train
TCGA-KS-A4IC	2.939726	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 1	N 1a	M 0	Stage III	45		low	0.643593	Train

					b								
TCGA-DJ-A4UR	2.89863	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T 3	N 1b	M 1	Stage II	36	high	2.317012	Test	
TCGA-EM-A1YB	1.621918	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T 2	N X	M X	Stage II	73	high	6.797192	Train	
TCGA-FE-A232	6.641096	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 3	N X	M X	Stage I	44	low	0.381302	Test	
TCGA-EL-A3D6	9.030137	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 1b	M 0	Stage III	51	high	3.508583	Train	
TCGA-DJ-A2PW	2.90411	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 1a	M 0	Stage III	65	high	2.33567	Train	
TCGA-E8-A3X7	2.605479	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 4a	N 0	M 0	Stage IVA	57	low	0.525332	Test	
TCGA-EM-A4FU	5.041096	0	MAL E	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T 3	N X	M X	Stage I	35	high	2.804671	Test	
TCGA-FK-A3SE	1.835616	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 1a	M X	Stage I	31	high	9.722798	Train	
TCGA-DJ-A2PZ	0.70137	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 0	M 0	Stage III	63	high	2.053588	Test	
TCGA-DE-A7U5	0.230137	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 0	M 0	Stage I	36	high	6.275256	Test	
TCGA-DJ-A3VB	1.909589	0	MAL E	Thyroid Papillary Carcinoma - Tall Cell (>= 50% tall cell features)	T 3	N 1a	M 0	Stage III	52	high	1.220244	Train	
TCGA-ET-A25N	5.282192	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 1a	M X	Stage I	28	low	0.028773	Train	
TCGA-EL-	8.210	0	MAL	Thyroid Papillary Carcinoma -	T	N	M	Stage	39	low	0.453	Test	

A3D1	959		E	Classical/usual		2	0	0	I			124	
TCGA-EL-A3CX	8.884 932	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual		T 2	N 0	M 0	Stage I	22		high 6.719 21	Test
TCGA-MK-A4N7	2.704 11	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual		T 2	N 0	M 0	Stage I	20		low 0.836 419	Train
TCGA-DJ-A3UY	2.989 041	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual		T 1 b	N 0	M 0	Stage I	32		high 1.764 456	Train
TCGA-ET-A3BS	0.482 192	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual		T 3	N 1a	M X	Stage I	42		low 0.160 287	Train
TCGA-EM-A3AN	2.756 164	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual		T 1 b	N 1b	M X	Stage I	36		low 0.142 021	Train
TCGA-EM-A1YA	1.649 315	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular ($\geq 99\%$ follicular patterned)		T 2	N X	M X	Stage II	74		high 7.404 024	Train
TCGA-DJ-A13L	0.830 137	0	MAL E	Thyroid Papillary Carcinoma - Tall Cell ($\geq 50\%$ tall cell features)		T 1 b	N 0	M 0	Stage I	85		high 4.270 817	Test
TCGA-4C-A93U	0.353 425	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual		T 4a	N 1b	M 0	Stage IVA	74		high 10.40 147	Test
TCGA-BJ-A0Z3	1.361 644	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual		T 1	N 0	M 0	Stage I	33		low 0.600 824	Train
TCGA-BJ-A0Z0	1.147 945	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual		T 2	N 0	M X	Stage II	55		high 1.467 67	Test
TCGA-ET-A3DP	7.882 192	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual		T 2	N X	M X	Stage I	43		low 0.319 593	Test

TCGA-EL-A3CV	3.161644	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T3	N1b	M0	Stage I	40	high	2.975142	Train
TCGA-J8-A3NZ	1.435616	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T3	N1a	M0	Stage III	52	low	0.25605	Test
TCGA-EM-A2CR	1.136986	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T2	N0	MX	Stage II	46	high	203.0385	Train
TCGA-DJ-A3UU	1.953425	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T3	N0	M0	Stage III	49	low	0.815921	Test
TCGA-BJ-A28T	2.961644	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T1	N1a	M0	Stage I	34	high	8.810269	Test
TCGA-DJ-A1QD	4.005479	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T2	N1b	M0	Stage I	20	high	1.101474	Test
TCGA-DJ-A13O	3.180822	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T1b	N0	M0	Stage I	56	high	5.868606	Test
TCGA-EL-A3GY	8.427397	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T1	N1	M1	Stage II	40	low	0.082865	Test
TCGA-KS-A4I7	2.70411	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T1b	N0	M0	Stage I	61	low	1.061905	Test
TCGA-EL-A3ZS	0.589041	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T1a	N1	M0	Stage I	22	high	3.443056	Train
TCGA-ET-A39S	4.591781	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T1	N0	MX	Stage I	27	low	0.667426	Test
TCGA-BJ-A45K	1.931507	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T2	N0	M0	Stage I	33	high	128.5461	Train

TCGA-ET-A39O	8.380822	0	MAL E	Thyroid Papillary Carcinoma - Tall Cell (>= 50% tall cell features)	T1	N0	MX	Stage I	39	low	0.99488	Train
TCGA-FK-A3SG	0.076712	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T2	N1b	MX	Stage I	21	low	0.246575	Train
TCGA-BJ-A0YZ	2.065753	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T2	N0	M0	Stage II	65	high	4.082129	Train
TCGA-EL-A3ZH	7.59726	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T3	N1	M0	Stage I	42	high	1.456773	Train
TCGA-CE-A3MD	1.065753	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T2	N1	M0	Stage I	31	low	0.102075	Train
TCGA-EM-A2CU	1.09589	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T2	N1a	MX	Stage III	47	low	0.710241	Train
TCGA-BJ-A28S	1.753425	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T2	N0	M0	Stage II	79	low	0.47484	Train
TCGA-DJ-A3VG	2.972603	0	MAL E	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T1b	N0	M0	Stage I	40	low	0.449541	Test
TCGA-EL-A3CZ	6.624658	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T1	N1a	M0	Stage I	37	high	4.742644	Train
TCGA-E8-A2JQ	0.975342	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T3	N1a	M0	Stage I	18	high	5.181058	Test
TCGA-ET-A3BP	6.591781	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T2	N1a	MX	Stage I	34	high	1.318874	Test
TCGA-EL-A3TB	6.90137	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T3	N1a	M0	Stage III	47	low	0.853701	Train
TCGA-IM-	0.684	0	FEM	Thyroid Papillary Carcinoma -	T	N	M	Stage	39	low	1.093	Train

A420	932		ALE	Classical/usual	2	1a	X	I			199	n	
TCGA-E3-A3DZ	3.934 247	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (\geq 99% follicular patterned)	T 3	N 0	M 0	Stage III	55		low	0.105 754	Test
TCGA-BJ-A45E	1.750 685	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 1a	N 0	M 0	Stage I	46		high	6.658 181	Test
TCGA-FE-A3PC	7.139 726	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 1	M X	Stage I	37		low	0.298 083	Test
TCGA-EL-A3ZN	4.421 918	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 1	M 0	Stage I	28		low	0.322 318	Train
TCGA-J8-A3YE	2.320 548	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 1	M 0	Stage I	31		low	0.026 487	Test
TCGA-EM-A4FH	2.443 836	0	MAL E	Thyroid Papillary Carcinoma - Follicular (\geq 99% follicular patterned)	T 3	N X	M X	Stage III	69		high	15.57 044	Train
TCGA-DJ-A3UN	2.701 37	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 1 b	N 0	M 0	Stage I	51		high	3.261 44	Train
TCGA-FE-A234	5.684 932	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 1	M X	Stage I	26		low	0.474 781	Test
TCGA-ET-A3BW	3.887 671	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N X	M X	Stage I	30		low	0.676 62	Test
TCGA-EM-A3OB	3.221 918	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (\geq 99% follicular patterned)	T 2	N 0	M X	Stage I	33		low	0.355 95	Train
TCGA-E8-A44K	2.583 562	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 1 b	N 0	M 0	Stage I	50		low	0.793 064	Train
TCGA-BJ-	1.161	0	FEM	Thyroid Papillary Carcinoma -	T	N	M	Stage	64		high	2.682	Train

A3F0	644		ALE	Classical/usual	1 b	0	0	I			636	n
TCGA-BJ-A4O8	1.619 178	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 1a	M 0	Stage III	47	high	1.177 098	Test
TCGA-EM-A3SY	1.126 027	0	MAL E	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T 1 b	N X	M X	Stage I	36	high	7.607 448	Train n
TCGA-KS-A4I1	2.224 658	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 0	M 0	Stage I	37	low	0.722 632	Train n
TCGA-FE-A238	3.328 767	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 0	M X	Stage I	36	low	0.563 41	Test
TCGA-EM-A3AI	1.876 712	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T 2	N X	M X	Stage II	67	high	1.590 403	Test
TCGA-EL-A4KG	2.024 658	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 0	M 0	Stage I	35	high	4.805 131	Test
TCGA-DE-A0Y2	1.802 74	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 1a	M 0	Stage I	30	low	0.333 855	Train n
TCGA-L6-A4ET	1.819 178	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T 3	N X	M 1	Stage IVC	49	low	0.221 125	Test
TCGA-BJ-A28V	2.704 11	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 0	M X	Stage III	80	high	16.19 131	Train n
TCGA-EL-A3H4	4.142 466	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 4a	N 1	M 0	Stage IVA	46	low	0.032 515	Train n
TCGA-DJ-A2Q6	3.038 356	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 1 b	N 1b	M 0	Stage I	38	low	0.837 054	Train n

TCGA-CE-A485	1.054795	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 1	M 0	Stage I	32	high	2.597907	Train
TCGA-DJ-A3V9	1.706849	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 1b	M 0	Stage IVA	50	low	0.083994	Test
TCGA-BJ-A0Z5	1.227397	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 1a	M 0	Stage III	58	low	0.341748	Train
TCGA-EM-A3ST	3.238356	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T 3	N 0	M X	Stage III	62	low	0.350859	Train
TCGA-FY-A3NP	1.345205	0	MAL E	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T 1	N 0	M 0	Stage I	69	high	1.19434	Train
TCGA-EM-A2OX	1.643836	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 1	N 1b	M X	Stage IVA	46	low	0.613588	Train
TCGA-DJ-A4V4	1.317808	0	FEM ALE	Thyroid Papillary Carcinoma - Tall Cell (>= 50% tall cell features)	T 1a	N 0	M 0	Stage I	48	high	2.303768	Train
TCGA-FY-A3NM	2.424658	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 0	M X	Stage III	48	high	33.66006	Train
TCGA-CE-A481	0.947945	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 1	N 0	M 0	Stage I	41	low	0.374793	Train
TCGA-EL-A3CR	0.638356	1	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 3	N 1b	M 0	Stage III	78	high	1.562484	Test
TCGA-FY-A2QD	0.10411	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 1	N 0			61	high	3.521888	Train
TCGA-EM-A2CK	1.490411	0	MAL E	Thyroid Papillary Carcinoma - Follicular (>= 99% follicular patterned)	T 2	N 1b	M X	Stage I	28	high	10.78296	Train
TCGA-DJ-	1.246	0	FEM	Thyroid Papillary Carcinoma -	T	N	M	Stage	63	low	0.391	Train

A1QI	575		ALE	Classical/usual	2	0	0	II			469	n
TCGA-FY-A3ON	1.630 137	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 1	M X	Stage I	20	low	0.473 121	Test
TCGA-FE-A22Z	6.145 205	0	FEM ALE	Thyroid Papillary Carcinoma - Follicular (\geq 99% follicular patterned)	T 4a	N 1	M X	Stage IVA	61	low	0.662 732	Train
TCGA-EM-A2P1	1.454 795	0	MAL E	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 1b	M X	Stage I	33	high	2.344 134	Test
TCGA-EL-A3CS	3.794 521	1	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 4a	N 0	M 0	Stage IVA	62	high	1.233 302	Test
TCGA-ET-A3DT	3.643 836	0	FEM ALE	Thyroid Papillary Carcinoma - Classical/usual	T 2	N 1a	M X	Stage I	23	low	0.826 14	Test

Supplementary Table2 Target genes of four miRNAs							
Representative miRNA	overlapped target genes	Representative miRNA	overlapped target genes	Representative miRNA	overlapped target genes	Representative miRNA	overlapped target genes
hsa-miR-181a-2-3p	RNF121	hsa-miR-138-5p	VSTM2L	hsa-miR-424-3p	HNRNP A0	hsa-miR-612	GIPC3
	MMD		ANK1		OSR1		PPP1R16B
	C15orf61		RMND5A		RER1		NFAM1
	TPT1		THRB		TNKS2		CCL28
	GNG4		CLVS1		SMAD7		MGAT5B
	CRK		UPF2		THBS4		NUDT19
	EXOSC1		RARA		RHOXF2		PRND
	CUTC		L3MBTL3		NEK6		TEAD3
	PELI2		CNOT6L		RHOXF2 B		TOMM5
	HESX1		FOXC1		EIF5A		PLEKHG4B
	RAD17		KLF11		MDGA2		TMEM41B
	NT5C2		SOGA1		CALM1		LYPD8
	WNT8A		NPPC		WIF1		KIAA1755
	MZT1		DESI2		ZBED5		RNF207
	RAB9B		CLN5		DCK		ZNF322
	OSTC		TMOD2		KCTD18		SPRN
	DAZL		USP10		SCRT1		ZC3HAV1L
	KRTAP3-3		SIN3A		KLHDC1		ARMC5
	TFAP2D		PLXNB2		RNF166		CCL22

	SCLY		AMMECR1			NBR1			GUCD1
	CCNC		ATP11C			SRSF12			B4GALNT1
	SLC36A1		AGO1			NBPF3			CDKAL1
	DYNLRB1		NFIX			MRFAP1			IL17REL
	NKAIN2		ST6GALNA C4			DRD1			CENPH
	WDR38		ZEB2			MED13L			CLDN11
	AGPAT1		VIM			RNF13			S100A3
	QRFP		FEM1C			CCDC96			NAT8L
	CDK5RAP1		MTF2			COL19A 1			LHPP
	THAP1		SH2B3			SLC26A 5			IFI35
	FLI1		GTPBP1			TRDN			RPL31
	C4orf33		TIPARP			SPIN3			AKAP13
	HTR2C		UNC5A			HNRNP K			SLC22A14
	ZYG11B		LZTS3			TMEM4 2			GAB2
	LAMTOR3		PDE3A			SERP1			DCTN5
	NCOR1		RIMS2			KDM5B			CENPV
	NETO2		EID1			ADAM1 7			CYCS
	ZPBP		ILDR2			BAG5			TSG101
	MFAP3L		DTX4			GXYLT1			NPLOC4

	MEI4		CLIP1			SLC39A 6		METTL7A
	RAN		MTUS2			NHLRC3		KLRD1
	SLITRK2		AKAP11			MIS18A		DPYSL2
	ATF3		ADCYAP1 R1			PHLDA1		MLC1
	PPP1R10		GNG2			PPEF2		CMKLR1
	RNF135		PPARD			OAF		MDM4
	PTGES2		CCND3			MORF4 L1		SYNDIG1L
	ERMP1		DNAJB6			FUCA2		WFDC8
	GPR12		GGCX			MSI2		FMOD
	CDK15		UNC5D			EXOSC8		MCF2
	TTC21A		TMTC4			SMC2		SRFBP1
	FNTB		SIGLECL1			GDNF		TRIM16L
	SCLT1		PDIK1L			PUM1		NKAIN1
	RMND5B		FERMT2			LRP1		TRIM16
	MANBA		HK1			CASK		MAPK13
	RXFP2		JMJD1C			TMEM7 0		KLK10
	C12orf49		BAZ1B			XXYLT1		FAM3D
	SEL1L		KLF12			ANKRD 10		CHMP1B
	PLLP		CELLF5			B4GALT 5		CDH1

	BASP1		CALN1			IGSF3			NXF1
	SH3BGRL		RB1CC1			SLC9A6			SPSB4
	SCAMP1		KBTBD4			ZCRB1			BBS1
	BLOC1S5		SLC35F1			USP38			TNFRSF8
	ANKRD1		NSMF			ZNF148			AMHR2
	WFIKK2		ZNF385A			TRPM7			FABP2
	GOLGA4		RELN			PRMT6			LRRC41
	MOB3B		DCP1A			ST6GAL 1			CEP44
	DNAJB4		LSM14A			ARHGA P21			FAM163A
	MIER3		DEK			NXT2			BTRC
	ZFP37		SESN3			DEK			SYNGR1
	HTR5A		PRRT4			FOXG1			CEACAM7
	HTRA1		SULF2			KITLG			CD84
	DGKG		SOCS5			ABCA5			RD3
	EEF1A1		KANK1			UBQLN 3			RMI1
	BPIFC		ARHGAP4 2			SLC25A 32			DDX11
	TBC1D5		RIBC1			NRXN1			KCNC1
	ZNF736		PIIP5K1			CCDC71			XIRP1
	ARID4A		SIRT1			RBM33			TAS1R3
	LCOR		IMPAD1			OPN3			CERCAM
	ZNF594		KDELR2			DDHD1			NLRP14

	ACADSB		SENP1			ABCC2			HLA-DQB1
	PAG1		PPARGC1 A			SHISA3			LARP1
	NKD1		SLCO3A1			HNRNP A2B1			TANGO2
	C2orf69		TRPS1			ANKRD 44			PPP1R1A
	METTL8		FOXP4			GFPT1			YTHDF1
	DET1		MIEF2			RAB30			ATXN7L3B
	NABP2		RCAN2			CWC25			TSPAN18
	KRTAP10-7		CNOT8			BNIP2			SLC9A3R2
	ZFP1		SLC6A17			STAG1			ZBTB3
	GRN		NINJ1			CREB3L 4			CLSPN
	OGFOD1		NSFL1C			EIF5AL1			ZNF549
	TXNDC11		ERI1			TCEAL1			EXD1
	TVP23B		KIAA1958			CLIC6			GPR62
	RPS6KB1		NBEA			PRKG1			SHISA7
	ELMOD1		RHOC			RPRD2			TAF11
	DAZ3		ZFP36L2			TTC39C			MYO1D
	SORBS1		CLMP			GRB10			DMTN
	ACYP1		SH3GL2			RC3H1			SC5D
	MEPCE		LYPLA1			TEX30			PRELP
	KIAA1549		ZNF148			LACTB2			PLOD1
	ADIPOR2		STXBP5			MAP3K9			TAL2

	CALB2		SNCAIP			NAA15			SNX22
	PPP4R2		JOSD1			NUFIP2			TCAP
	UST		SYT13			FAM76 A			GABRA3
	ETS1		CLNS1A			ARMC1			MTFR1L
	DAZ2		ZNF275			FOS			RRNAD1
	ZBTB20		PSD2			SMG7			CYP8B1
	CSNK1G1		TMEM198			EPPK1			CBR1
	COL25A1		UBP1			EID3			FGD3
	ZDHHC5		EPHA8			RAPH1			FAM124A
	HMG1		PWWP2A			PQLC3			MED27
	GGACT		THRAP3			HOOK3			CAMK2N2
	DAZ4		LIMCH1			UQCRC 2			CD300LG
	BDP1		SORBS2			SSBP3			HOXA13
	MRPL1		GNAI2			RGPD5			ASAH2B
	SETD7		KIAA0930			NR3C2			SLC6A17
	RNF32		PIP4K2C			TXNL4A			RORC
	ARID2		RPRD1B			RGPD6			MGLL
	ZBTB41		RPS6KA1			APOOL			SCNN1G
	POLG		SCN8A			LENG8			KCNQ3
	TMEM255A		PDE7B			GCC2			SYNGR3
	CASC4		FAM169A			CHAF1B			NBPF4
	NRAS		KDM5A			FBXW7			ADAM19
	TJP2		NEUROD1			RGPD8			ADAT2

	HMG20A		PTPN4			PNPLA4			TP53
	MBTPS1		CCDC85C			TSC22D 2			RBPM5
	METAP2		NFIB			APBB2			ADAP2
	ACVR2B		APPBP2			DPY19L 1			TSR2
	MAF		SLC6A8			CHSY1			UAP1L1
	NEDD9		AGO4			FAM122 B			PPP3CB
	STEAP2		ARRDC3			CHN2			MYO15A
	DAZ1		SEH1L			ADAM7			KCTD2
	MAPK8		TTLL12			PPARGC 1B			POLR2J2
	PPFIA1		ZFAT			MEGF9			LRRTM3
	CAPN3		NKAIN1			TMEM3 3			PLEKHM1
	SYT1		TEAD1			ONECU T2			VAMP2
	ZSCAN23		LMAN1			FNIP2			TLCD2
	POTEC		EZH2			RGS21			RNF24
	WDR78		TULP4			F11R			POLM
	TBC1D12		SOBP			PALD1			GDNF
	KBTBD3		THAP11			MAP10			CARD17
	IDE		ROCK2			PLAGL1			CTDSP1
	ATP1A3		RASSF8			CNNM3			BLOC1S4

	CCDC181		PTK2			CNPY1			TAX1BP3
	HMG3		JAZF1			NFIX			FBXL7
	KATNAL1		SEZ6L2			CSPG5			REM1
	ZKSCAN8		ACVR2B			C10orf1 11			PACRGL
	SCN3A		SERTAD4			MED12L			MARCKSL1
	KRT32		KLHL18			DPY19L 3			THRB
	FBXO3		VEZF1			APPBP2			GPR26
	FCHO2		C6orf47			KLF6			AQP2
	PIK3C2G		AHCYL2			CXXC5			CCP110
	QSOX2		HIF1AN			CUX2			LURAP1
	SLC2A13		CDK6			CDH8			GRHL2
	FOXP2		VPS26A			MS4A1			PRR14L
	GJB7		KMT2C			EPRS			ARRDC3
	AMOTL1		PAPPA			TBC1D3 B			PTGES3L
	PCMT1		PRPF40A			TUBB3			SLC46A1
	SLC37A2		H3F3B			ZBTB24			HEMK1
	TM4SF20		CREB1			RAD21			IL26
	SHPK		FAM210B			AMIGO 2			POFUT1
	TULP4		SCRN1			HOXC8			AGPAT1
	KRAS		UHRF1BP1			FASLG			NF2
	ANKRD66		CLOCK			HNRNP			NSFL1C

						R		
	DPP10		RNF38			MIXL1		ITPKB
	PRDM6		DCUN1D4			METRNL		CPNE3
	TEAD1		JMJD8			FAM131 B		PAX5
	GRPEL2		MXD1			SLC26A 4		PGAP2
	USP12		ZER1			C2CD4B		TMEM233
	NUDCD1		KIF26A			COLCA1		SLC36A2
	ARHGEF2		IGLN5			BRD9		DNAJC14
	TMEM173		SNAP25					PADI3
	CHAMP1		XPR1					PCDHGB6
	PRR3		ARFGEF2					PCDHGA7
	CDIP1		MIER3					TRABD2B
	ANXA6		MCU					BRPF3
	KLHL3		MBTPS2					ANKS6
	PQLC3		MAML1					EHD2
	HEG1		TNFSF4					PCDHGA10
	ERCC8		ZNF444					TNFAIP8L1
	FAM122A		CHD6					KDM8
	GK5		EIF4EBP1					LMAN2L
	WIPI2		SLX4					IGSF11
	ACTR2		DVL2					TFAP2A
	DISC1		ARHGEF3					SMAD6
	SALL1		DUSP16					C1orf109

	SLC28A3			TSR1						SPHKAP
	ALDH3B1			PHF21A						SIDT1
	KLHL15			ZNF704						MEF2C
	MED14			GATAD2A						TMEM79
	ARL10			SFSWAP						IL16
	SRPK2			ATCAY						SEC63
	IKZF5			ANKRD54						MAVS
	GDI2			PTPN11						PTPN18
	CHURC1-FNTB			PLLP						RIC3
	ARHGAP12			ARL6IP5						CACNA1I
	MPDZ			SMAP2						ACAP3
	C20orf27			VPS37A						SLC7A5
	B3GALT6			GAS7						LITAF
	AXDND1			EFNB3						IPO9
	HMGB3			SIM2						CREB5
	ANKRD62			LENG8						ZNF318
	VANGL2			RHBDD1						EMP2
	CUL4B			STAG1						TYW3
	SLC26A9			GPHN						HSPB8
	PGAM1			PCGF3						TNFRSF19
	SLC25A36			ZCCHC14						NDOR1
	KCNJ15			CDR2L						IQSEC3
	RD3			CREB3L2						RYBP
	XRN1			PEG10						SGPP2
	ELF2			YPEL4						ARF6

	ANTXR2		RIMS3						TPI1
	C11orf58		DHDDS						DUSP19
	MED19		SRRM4						ADO
	GARS		RIMS4						STK4
	RIC3		SLC17A7						AK9
	NPEPPS		ZMIZ1						GORASP1
	ZKSCAN3		KDM5C						CAMK2A
	SLC9A5		SOX4						GPR55
	GPM6B		HIF1A						SSTR5
	MTFR1		EIF3J						CCM2
	TEX19		MAP3K11						SLC25A42
	GKAP1		RALGPS1						PTGIS
	ATP6V0D2		CASP3						PPP2R2B
	GPR137B		GPR158						ZNF557
	MBNL3		WWC1						PLCXD1
	RFC3		TET2						YEATS2
	AASDH		PAN3						ISM2
	EPGN		KCNK15						RIMS4
	B4GALT1		ZNF609						CHMP7
	GRIA1		UIMC1						TPD52L1
	PPP3R1		PPM1L						ARNT2
	NOVA1		KAT6A						TCTN3
	STXBP1		DENND6A						AKT2
	DDX51		EBPL						SUDS3
	SYNPR		MLXIP						KCTD4

	RAG1		RHBDL3						FGF1
	NIPAL3		TCF3						ICAM1
	SETD6		YIPF5						WNT4
	GPR158		ZNF282						GRK6
	ZSCAN25		PCMTD1						ME1
	KBTBD11		EN2						CMTR2
	KCTD8		DAAM2						TGM2
	ARHGEF15		ZMYND11						MPZL1
	PARD3B		ARRB1						UNC5B
	MBNL1		ZFPM2						DOLPP1
	MAU2		ANKS6						PHACTR2
	LRP5		ZBTB44						FOXP1
	CSNK1G3		ING1						H6PD
	TP53INP1		HTRA2						PDK1
	TXNDC5		STXBP6						SLC25A12
	GRAP2		UBE2V1						TRPC1
	ZFX		PARP8						OPHN1
	TRIM41		H6PD						FRMD6
	SENP5		TERF2						STAT2
	CBR4		CHST10						RAB11FIP3
	CLIP2		SDC3						SLX4
	MNS1		TRPC7						CXCL6
	TRAF1		ZKSCAN4						ZBTB8B
	TMEM169		ADRA2A						KCNK2
	PDP1		MFAP3						INPP5B

	NUP62CL		ASXL3						YAP1
	NOC3L		ENC1						DCHS1
	PLEKHG4B		FRMD4A						SPN
	ZNF670		MIER2						CALCRL
	KPNA6		SLC22A23						SLC7A4
	SCRN1		PTP4A1						OR2L13
	PPP2R2C		SLC20A1						PRODH
	ARNTL2		SEMA4C						MTHFSD
	AZI2		SOX12						SRRM4
	PHIP		STOX2						MSL2
	IFI44L		CCNYL1						F8A1
	PALMD		AFF3						MROH6
	ATXN2		SZRD1						TGIF2
	SLC10A6		LHFPL3						SLC1A3
	RRAGD		SFXN2						COL4A5
	JAK3		NOVA1						PPM1A
	FAM117B		MAPK6						KCNB1
	SMAD9		ARGLU1						DAND5
	SLC39A10		NAPG						FAM20B
	TMEM11		GIT1						KCNIP1
	NAA25		PXK						LYPLA2
	ADAMTS5		ZC3H7B						FBXO33
	STOX2		TCF4						CRISPLD2
	REPS2		SOX9						TMBIM1
	NASP		FNDC8						ALK

	POTEM		PDAP1					SRR
	AIRE		FBXO41					APPBP2
	CHTOP		ZNF74					FBXL20
	EPB41L5		MXD4					FOXMI
	AMOT		DACH1					RNF157
	NR3C1		AHDC1					IKZF2
	ADAMTS8		SLC4A8					STS
	SEPSECS		HMGXB4					MICU3
	PLAG1		ENG					NUGGC
	CEBPZ		PPARGC1B					RARB
	TCEANC		MANEAL					KCNJ16
	RNF220		TBC1D4					CHTOP
	PPP1R12A		ZNF607					SLC7A14
	RGS16		SYS1					GYG1
	IL13RA1		IGF2BP1					MEI1
	CLEC4F		MACF1					VKORC1L1
	C6orf89		SNCB					PTOV1
	SLC8A1		CTDSPL2					DDA1
	SLC24A2		SMG1					RRP12
	NRP1		MAPKBP1					NT5DC3
	GTF2I		IER5L					DHH
	PGS1		VAPB					EEF2K
	TTC7B		CCAR2					ZCCHC3
	RCOR3		MGAT5B					GBP6
	CNKSR3		ZRANB1					CKAP4

	ZFP69B		RAVER1						SRXN1
	PGGT1B		RTN4RL2						PODNL1
	PDCD10		ZNF292						MYRIP
	KLF12		SEMA6A						TLN2
	CAMSAP1		TMEM189-UBE2V1						GABRA5
	GPM6A		NEBL						NEFH
	SLC25A24		THAP1						NFIC
	TNF		GALNTL6						CARD6
	PIK3C2A		TCEAL5						ZFP3
	TFCP2L1		NOVA2						CACNG4
	ZNF99		USP47						USP49
	APBB2		TCF12						CD22
	IKZF3		IPO8						HLTF
	C11orf87		TNRC6B						C16orf72
	FAM189A1		TP53INP2						PHF21A
	ILF3		H2AFX						PCBD2
	IGF1R		PHOX2B						HIVEP3
	TRAM1		USP49						ZNF497
	EMX2		MOCS1						ZNF395
	RND2		SIX5						ERLIN1
	ADAM23		MAP2K7						ABCB8
	CEPT1		RAB3GAP1						KRT37
	UBXN10		HSPA4L						JAG1
	SOX6		SNX30						POLR2J3
	MAGI2		PSMF1						CDHR3

	TBC1D24		PLEKHO2						KY
	RBM41		DENND1A						ANKRD6
	COL5A2		HS6ST3						FGF14
	PTPRB		KDM6B						VKORC1
	NPR3		ST3GAL6						GOSR2
	UBLCP1		SLC39A9						FAM98A
	POLR3F		TAOK1						HRNR
	ADCY5		C19orf66						SLC25A23
	ANKRD44		SPEG						PHF1
	SLC33A1		APH1A						SHCBP1
	RBFOX1		FBXO10						PROSER2
	ZFYVE1		UBE2R2						CAV1
	SLC12A2		TNFAIP8						BPGM
	ZNF827		CACNA2D 1						CASC3
	FBXO48		TCF7L1						TMEM127
	KIF3B		RDH8						TCTN2
	ATP6V0A1		EDC3						GABRA1
	JMY		BNIP3L						ZNF609
	ZNF629		NETO1						SPEF1
	PPP1R16B		NTM						AIDA
	SLX4IP		NXN						MCIDAS
	ZBTB5		DGKE						PVR
	CHDH		SNX33						PPP6R1
	GATAD2B		GM2A						KIF1C

Supplementary Figure 1

Hazard ratio

