Supplementary Table S1. The clinical information and clustering results

Sample	Stage	Grade	Age	Residual	mRNAsi	cluster
TCGA_13_1407_01A	Stage IIIC	G3	51		0.850891	1
TCGA_24_1552_01A	Stage IIIC	G3	77	1-10 mm	0.654834	1
TCGA_23_1026_01B	Stage IIIC	G3	45	1-10 mm	0.581271	1
TCGA_61_2092_01A	Stage IIIC	G3	57	No Macroscopic	0.903482	2
TCGA_29_1703_01A	Stage IIIC	G2	56	1-10 mm	0.666046	1
TCGA_13_0913_02A	Stage IIIC	G3	53	No Macroscopic	0.806825	2
TCGA_09_1659_01B	Stage IIIC	G3	51	>20 mm	0.603128	1
TCGA_29_1777_01A	Stage IIIC	G2	47	>20 mm	0.578199	2
TCGA_13_0893_01B	Stage IIIC	G3	48	11-20 mm	0.729316	2
TCGA_24_1544_01A	Stage IIIC	G3	71	1-10 mm	0.62042	1
TCGA_25_1316_01A	Stage IIIC	G3	55	1-10 mm	0.578357	1
TCGA_OY_A56Q_01A	Stage IIA	G3	78	No Macroscopic	0.66177	1
TCGA_29_2427_01A	Stage IIIC	G3	60	>20 mm	0.653541	2
TCGA_23_1120_01A	Stage IIIC	G3	60	1-10 mm	0.62894	1
TCGA_13_1509_01A	Stage IV	G3	64	1-10 mm	0.621448	2
TCGA_61_2104_01A	Stage IIC	G2	53	No Macroscopic	0.608687	2
TCGA_13_1501_01A	Stage IV	G3	50	>20 mm	0.589246	2
TCGA_13_0924_01A	Stage IV	G3	45	1-10 mm	0.726012	2
TCGA_13_1410_01A	Stage IV	GX	57		0.616034	2
TCGA_04_1343_01A	Stage IV	G3	72	>20 mm	0.57823	2
TCGA_24_1103_01A	Stage IIIC	G3	50	1-10 mm	0.803276	1
TCGA_29_2425_01A	Stage IIIC	G2	60	>20 mm	0.709299	2
TCGA_24_1413_01A	Stage IIIC	G3	51	1-10 mm	0.610477	1
TCGA_59_2350_01A	Stage IV	G3	44	1-10 mm	0.833476	1
TCGA_61_2008_02A	Stage IIC	G2	40	No Macroscopic	0.682585	1
TCGA_24_1558_01A	Stage IIIC	G3	73	1-10 mm	0.804769	1
TCGA_23_1029_01B	Stage IIIC	G3	46	1-10 mm	0.685399	1
TCGA_23_1021_01B	Stage IV	G3	45	>20 mm	0.754236	1
TCGA_04_1542_01A	Stage IIIB	G2	52	1-10 mm	0.7081	1
TCGA_13_A5FT_01A	Stage IIIC	G3	67	No Macroscopic	0.88324	2
TCGA_25_1319_01A	Stage IIIC	G3	73	11-20 mm	0.685908	1
TCGA_04_1356_01A	Stage IIC	G3	62		0.644654	2
TCGA_WR_A838_01A	Stage IIIC	G3	72		1	1
TCGA_61_1738_01A	Stage IIIC	G3	60	1-10 mm	0.756007	2
TCGA_09_1669_01A	Stage IIIA	G3	54	No Macroscopic	0.713473	2
TCGA_61_1918_01A	Stage IV	G3	45	No Macroscopic	0.588139	1
TCGA_24_1842_01A	Stage IIIC	G3	49	1-10 mm	0.768306	2
TCGA_24_0970_01B	Stage IIIC	G3	63	>20 mm	0.589669	1
TCGA_25_1322_01A	Stage IV	G3	62	>20 mm	0.638536	1
TCGA_29_1781_01A	Stage IIIC	G3	69	No Macroscopic	0.802755	2

TCGA_24_1924_01A	Stage IIIC	G3	65	1-10 mm	0.795073	2
TCGA_25_1634_01A	Stage IIIC	G3	75	No Macroscopic	0.670592	1
TCGA_31_1950_01A	Stage IIIC	G2	76	1-10 mm	0.761012	2
TCGA_30_1714_01A	Stage IV	G3	68	1-10 mm	0.713736	1
TCGA_24_2281_01A	Stage IIA	G3	68	1-10 mm	0.73157	2
TCGA_13_0804_01A	Stage IIIC	G3	73	1-10 mm	0.70618	1
TCGA_09_2044_01B	Stage IIB	G3	77	No Macroscopic	0.874052	2
TCGA_61_2110_01A	Stage IIIC		56	No Macroscopic	0.730697	1
TCGA_13_0916_01A	Stage IIIC	G3	49	No Macroscopic	0.822682	2
TCGA_24_1846_01A	Stage IIIC	G3	45	1-10 mm	0.734002	2
TCGA_09_1667_01C	Stage IIC	G2	61	No Macroscopic	0.703957	2
TCGA_24_0979_01A	Stage IV	G3	53	>20 mm	0.689022	1
TCGA_24_2267_01A	Stage IIB	G3	58	No Macroscopic	0.61028	2
TCGA_13_0765_01A	Stage IIIC	G3	50	1-10 mm	0.678801	2
TCGA_24_0966_01A	Stage IIIC	G3	78	>20 mm	0.708955	1
TCGA_23_1022_01A	Stage IIIC	G3	67	1-10 mm	0.777252	1
TCGA_25_1312_01A	Stage IV	G3	69	1-10 mm	0.616063	1
TCGA_24_1419_01A	Stage IIIC	G3	62	11-20 mm	0.654186	1
TCGA_13_1498_01A	Stage IIIC	G3	73	>20 mm	0.657893	1
TCGA_24_1469_01A	Stage IIIC	G3	71	1-10 mm	0.829465	2
TCGA_25_1877_01A	Stage IIIC	G3	81	1-10 mm	0.846369	2
TCGA_24_2261_01A	Stage IIIC	G3	76	11-20 mm	0.688446	2
TCGA_04_1514_01A	Stage IIIA	G2	45	No Macroscopic	0.632639	1
TCGA_57_1993_01A	Stage IIIC	G3	56	No Macroscopic	0.649908	1
TCGA_10_0933_01A	Stage IIIC	G3	77	No Macroscopic	0.79022	1
TCGA_13_0725_01A	Stage IIIC	G3	44	1-10 mm	0.705753	2
TCGA_10_0936_01A	Stage IIIC	G3	69	>20 mm	0.721411	2
TCGA_61_1910_01A	Stage IIC	G3	56	1-10 mm	0.693418	1
TCGA_25_2400_01A	Stage IIIC	G3	76	No Macroscopic	0.816559	1
TCGA_04_1365_01A	Stage IIIB	G3	87		0.804375	2
TCGA_13_0887_01A	Stage IIIC	G3	42	1-10 mm	0.692047	1
TCGA_04_1651_01A	Stage IIIC	G3	53	1-10 mm	0.723594	1
TCGA_13_1510_01A	Stage IIIC	G3	62	No Macroscopic	0.736481	1
TCGA_29_1696_01A	Stage IIIC	G2	43	1-10 mm	0.65956	1
TCGA_23_1119_01A	Stage IIIC	G3	64	1-10 mm	0.634981	2
TCGA_24_1416_01A	Stage IV	G3	34	1-10 mm	0.683386	1
TCGA_29_1697_01A	Stage IIIC	G3	62	>20 mm	0.870376	1
TCGA_04_1536_01A	Stage IV	G3	60	1-10 mm	0.788885	1
TCGA_13_1489_01A	Stage IIIC	G2	70		0.839567	1
TCGA_13_1489_02A	Stage IIIC	G2	70		0.780571	1
TCGA_13_0891_01A	Stage IV	G3	73	No Macroscopic	0.665217	1
TCGA_13_1404_01A	Stage IIIC	G3	48	1-10 mm	0.674995	2

TCGA_04_1341_01A		G3	85		0.650663	2
TCGA_04_1361_01A	Stage IIIB	G3	57	No Macroscopic	0.645988	1
TCGA_24_2290_01A	Stage IIIC	G3	56	1-10 mm	0.807045	2
TCGA_23_1123_01A	Stage IIIC	G3	59	11-20 mm	0.782643	2
TCGA_24_1428_01A	Stage IIIC	G3	50	1-10 mm	0.796488	2
TCGA_24_1474_01A	Stage IIIC	G3	57	1-10 mm	0.895255	1
TCGA_13_1488_01A	Stage IV	G3	59	11-20 mm	0.760605	2
TCGA_30_1866_01A	Stage IV	G2	61	1-10 mm	0.759857	1
TCGA_61_2000_01A	Stage IIIC	G3	67	No Macroscopic	0.822084	1
TCGA_09_2051_01A	Stage IIIC	G3	42	No Macroscopic	0.794348	2
TCGA_24_1551_01A	Stage IIIC	G3	53	1-10 mm	0.778244	2
TCGA_30_1853_01A	Stage IIIC	G3	58	1-10 mm	0.636458	1
TCGA_09_1662_01A	Stage IV	G3	58	1-10 mm	0.706216	1
TCGA_24_1431_01A	Stage IIIC	G3	67	1-10 mm	0.793344	1
TCGA_59_2348_01A	Stage IIIC	G3	59		0.593253	2
TCGA_20_1686_01A	Stage IIIC	G3	75	No Macroscopic	0.791785	2
TCGA_61_1736_01B	Stage IIIC	G3	45		0.64435	1
TCGA_23_1809_01A	Stage IIC	G3	63	1-10 mm	0.666834	1
TCGA_24_1604_01A	Stage IIIC	G3	66		0.642813	2
TCGA_25_2393_01A	Stage IIIC	G3	81	11-20 mm	0.907363	2
TCGA_61_1725_01A	Stage IIIC	G3	40	11-20 mm	0.728861	2
TCGA_23_2084_01A	Stage IV	G3	45	No Macroscopic	0.773123	1
TCGA_24_1567_01A	Stage IIIB	G3	54	1-10 mm	0.794284	1
TCGA_5X_AA5U_01A	Stage IIC	GX	61		0.637772	1
TCGA_61_1914_01A	Stage IIIC	G3	65	>20 mm	0.661813	2
TCGA_24_1845_01A	Stage IIIC	G3	42	1-10 mm	0.84423	1
TCGA_24_1843_01A	Stage IIIC	G3	66	1-10 mm	0.804474	2
TCGA_29_1785_01A	Stage IIIC	G3	55	>20 mm	0.681733	2
TCGA_04_1362_01A	Stage IIC	G3	59	1-10 mm	0.582249	1
TCGA_24_1426_01A	Stage IIIC	G3	43	1-10 mm	0.625688	1
TCGA_13_1496_01A	Stage IIIC	G3	65	>20 mm	0.819623	2
TCGA_04_1519_01A	Stage IIIC	G3	48		0.69559	1
TCGA_13_0905_01B	Stage IIIC	G3	51		0.679291	2
TCGA_36_1570_01A	Stage IIIC	G3	49	>20 mm	0.747782	1
TCGA_25_2399_01A	Stage IIIC	G3	80	>20 mm	0.637176	1
TCGA_24_1471_01A	Stage IIIC	G3	60	>20 mm	0.746187	1
TCGA_61_1741_01A	Stage IIIB	G3	76	>20 mm	0.75227	2
TCGA_13_1512_01A	Stage IIIC	G3	49	No Macroscopic	0.687343	2
TCGA_61_1995_01A	Stage IIIC	G3	43	1-10 mm	0.718988	1
TCGA_25_1627_01A	Stage IIIC	G3	73	1-10 mm	0.700729	2
TCGA_23_1113_01A	Stage IV	G3	48	1-10 mm	0.695802	1
TCGA_13_0762_01A	Stage IIIC	G3	65	No Macroscopic	0.632072	1

TCGA_29_1688_01A	Stage IIIC	G2	39		0.762041	2
TCGA_36_1577_01A	Stage IIC	G2	43	No Macroscopic	0.742971	1
TCGA_13_1483_01A	Stage IIIC	G3	61	>20 mm	0.637853	1
TCGA_09_2056_01B	Stage IIIC	G3	62	No Macroscopic	0.730705	1
TCGA_24_2023_01A	Stage IIIA	G3	54	1-10 mm	0.698393	1
TCGA_23_2077_01A	Stage IIIC	G3	45	No Macroscopic	0.586253	1
TCGA_24_1549_01A	Stage IIIB	G3	58		0.689821	2
TCGA_59_A5PD_01A	Stage IC	G3	55		0.853351	2
TCGA_61_1907_01A	Stage IIIC	G3	63	11-20 mm	0.819942	2
TCGA_24_1565_01A	Stage IIIC	G3	74	1-10 mm	0.609265	1
TCGA_20_1682_01A	Stage IIIC	GX	56	11-20 mm	0.590417	2
TCGA_13_0884_01B	Stage IIIC	G3	39	1-10 mm	0.678081	2
TCGA_13_1507_01A	Stage IIIC	G3	77	1-10 mm	0.588011	2
TCGA_13_0906_01A	Stage IIIC	G3	50	1-10 mm	0.773323	2
TCGA_13_1409_01A	Stage IIIC	G3	73	1-10 mm	0.682642	1
TCGA_13_1495_01A	Stage IIIC	G2	60	1-10 mm	0.706462	1
TCGA_09_1670_01A	Stage IIIA	G3	57	No Macroscopic	0.764809	1
TCGA_24_1603_01A	Stage IIIB	G3	53		0.750118	1
TCGA_24_2020_01A	Stage IIIC	G3	67	1-10 mm	0.772888	1
TCGA_13_0900_01B	Stage IIIC	G3	59		0.609051	2
TCGA_13_0901_01B	Stage IIIC	G3	41	>20 mm	0.71751	2
TCGA_24_1105_01A	Stage IIIC	G3	36	1-10 mm	0.649499	2
TCGA_20_0991_01A	Stage IIB	G3	78	No Macroscopic	0.747703	2
TCGA_61_1724_01A	Stage IIIC	G3	47	No Macroscopic	0.606448	2
TCGA_24_1844_01A	Stage IIIC	G3	64	1-10 mm	0.582132	1
TCGA_24_1464_01A	Stage IIIC	G3	70	>20 mm	0.815323	1
TCGA_24_1616_01A	Stage IIIC	G3	56	1-10 mm	0.790385	1
TCGA_04_1364_01A	Stage IIIC	G3	61	1-10 mm	0.917715	1
TCGA_61_1911_01A	Stage IIA	G3	55		0.630067	2
TCGA_VG_A8LO_01A	Stage IV	GB	55	>20 mm	0.737666	1
TCGA_23_1027_01A	Stage IIIC	G3	48	1-10 mm	0.645246	1
TCGA_10_0931_01A	Stage IIIC	G3	44	1-10 mm	0.872442	1
TCGA_13_0795_01A	Stage IIIC	G3	66	>20 mm	0.715264	2
TCGA_04_1347_01A	Stage IV	G3	81	No Macroscopic	0.749413	2
TCGA_04_1655_01A	Stage IIIB	G2	49	No Macroscopic	0.616142	1
TCGA_59_2351_01A	Stage IIIC	G3	51	1-10 mm	0.72952	2
TCGA_29_1774_01A	Stage IIIC	G3	82	>20 mm	0.672099	1
TCGA_61_2111_01A	Stage IV	G3	61		0.577859	2
TCGA_24_0982_01A	Stage IIIC	G3	77	1-10 mm	0.676725	2
TCGA_31_1944_01A	Stage IIIC	G3	47	No Macroscopic	0.5915	2
TCGA_13_2060_01A	Stage IV	G3	51	1-10 mm	0.821152	2
TCGA_24_2026_01A	Stage IIIC	G3	79	>20 mm	0.667075	2

TCGA_13_0766_01A	Stage IIIC	G3	42	1-10 mm	0.841386	1
TCGA_24_2033_01A	Stage IIIC	G3	87	>20 mm	0.597732	1
TCGA_09_2053_01C	Stage IIIC	G3	72	No Macroscopic	0.675266	2
TCGA_24_1557_01A	Stage IIIC	G3	49	>20 mm	0.717265	1
TCGA_30_1718_01A	Stage IIIC	G3	44	1-10 mm	0.604201	2
TCGA_36_1571_01A	Stage IIIB	G3	53	No Macroscopic	0.757369	1
TCGA_13_0897_01A	Stage IIIC	G3	54	1-10 mm	0.6069	1
TCGA_29_1701_01A	Stage IIIC	G3	56		0.781813	2
TCGA_13_0797_01A	Stage IIIC	G3	49	1-10 mm	0.812661	2
TCGA_25_1315_01A	Stage IIIC	G3	50	1-10 mm	0.711542	1
TCGA_61_1900_01A	Stage IIIB	G3	51	No Macroscopic	0.681114	1
TCGA_24_1467_01A	Stage IIIC	G3	51	1-10 mm	0.640045	1
TCGA_09_0367_01A	Stage IIIC	G3	67	1-10 mm	0.666839	1
TCGA_13_1506_01A	Stage IIIC	G3	45		0.964705	2
TCGA_10_0937_01A	Stage IIIC	G3	44	1-10 mm	0.765236	1
TCGA_23_1024_01A	Stage IV	G3	52	1-10 mm	0.879532	1
TCGA_23_1110_01A	Stage IIIC	G3	42	No Macroscopic	0.772278	1
TCGA_13_0920_01A	Stage IIIC	G3	65	1-10 mm	0.799481	2
TCGA_25_2396_01A	Stage IIIC	G3	71	No Macroscopic	0.724869	2
TCGA_20_0987_01A	Stage IIIC	G3	61	1-10 mm	0.714472	2
TCGA_29_1769_01A	Stage IIIC	G3	40	1-10 mm	0.724793	2
TCGA_10_0938_01A	Stage IIIC	G3	80	>20 mm	0.841656	1
TCGA_10_0928_01A	Stage IIIC	G3	71	1-10 mm	0.744102	1
TCGA_13_1497_01A	Stage IIIC	G3	47		0.695685	2
TCGA_24_1417_01A	Stage IV	G3	54	1-10 mm	0.640286	2
TCGA_59_2363_01A	Stage IIIA	G3	40	No Macroscopic	0.721077	1
TCGA_13_1492_01A	Stage IIIC	G3	66		0.881514	1
TCGA_29_1762_01A	Stage IV	G2	59	>20 mm	0.842862	1
TCGA_20_1683_01A	Stage IIIC	G3	65	No Macroscopic	0.57828	2
TCGA_13_0800_01A	Stage IIIC	G3	52	No Macroscopic	0.707728	1
TCGA_57_1584_01A	Stage IIIC	G3	47	1-10 mm	0.692477	1
TCGA_24_1850_01A	Stage IIIC	G3	72	1-10 mm	0.618303	2
TCGA_29_2414_02A	Stage IIIC	G2	75	11-20 mm	0.713778	2
TCGA_23_1107_01A	Stage IV	G3	59	>20 mm	0.906042	2
TCGA_23_1028_01A	Stage IIIC	G3	43	1-10 mm	0.799083	2
TCGA_29_1778_01A	Stage IIIC	G3	77	No Macroscopic	0.583673	2
TCGA_13_0724_01A	Stage IV	G3	72	1-10 mm	0.678564	2
TCGA_09_0364_01A	Stage IIC	G3	80	11-20 mm	0.778091	1
TCGA_29_1784_01A	Stage IIIC	G3	55	No Macroscopic	0.783359	2
TCGA_29_1691_01A	Stage IIIC	G2	51	1-10 mm	0.797236	2
TCGA_29_1761_01A	Stage IIIC	G3	80	>20 mm	0.945825	2
TCGA_57_1582_01A	Stage IIIC	G3	50	1-10 mm	0.796474	2

TCGA_04_1350_01A	Stage IIIC	G3	46	>20 mm	0.721473	1
TCGA_24_2027_01A	Stage IV	G3	51	>20 mm	0.655313	1
TCGA_23_1122_01A	Stage IIIC	G3	53	1-10 mm	0.634357	1
TCGA_09_2048_01A	Stage IIIC	G3	63	1-10 mm	0.68237	1
TCGA_57_1586_01A	Stage IIIC	G3	66	11-20 mm	0.637482	2
TCGA_13_0885_01A	Stage IIIC	G3	70	11-20 mm	0.827442	2
TCGA_29_1707_02A	Stage IIC	G3	41	No Macroscopic	0.731499	1
TCGA_61_2109_01A	Stage IIIC	G3	40	>20 mm	0.715057	1
TCGA_24_1560_01A	Stage IIIC	G4	51	1-10 mm	0.732634	1
TCGA_24_1470_01A	Stage IIIB	G3	54	1-10 mm	0.610492	2
TCGA_23_1118_01A	Stage IIIC	G3	45	>20 mm	0.826017	2
TCGA_57_1583_01A	Stage IIIC	G3	57	No Macroscopic	0.802708	1
TCGA_25_1630_01A	Stage IIIC	G3	73	1-10 mm	0.608061	1
TCGA_36_1581_01A	Stage IIC	G3	63	No Macroscopic	0.705605	2
TCGA_36_1574_01A	Stage IIIC	G3	48	>20 mm	0.708284	2
TCGA_23_1030_01A	Stage IIIC	G3	64	1-10 mm	0.599465	1
TCGA_09_1665_01B	Stage IIIC	G2	73	No Macroscopic	0.735808	2
TCGA_13_0923_01A	Stage IIIC	G3	74	No Macroscopic	0.804361	1
TCGA_25_2391_01A	Stage IIIC	G3	57	>20 mm	0.707328	1
TCGA_29_2428_01A	Stage IIIC	G3	58	>20 mm	0.598987	2
TCGA_24_0968_01A	Stage IIIC	G3	59	1-10 mm	0.636877	2
TCGA_09_1666_01A	Stage IIIC	G3	57	No Macroscopic	0.677968	1
TCGA_30_1860_01A	Stage IIIC	G3	58	>20 mm	0.777698	2
TCGA_30_1857_01A	Stage IV	G3	64		0.425025	2
TCGA_24_1422_01A	Stage IIIC	G3	82	1-10 mm	0.440547	2
TCGA_61_1737_01A	Stage IV	G3	42	1-10 mm	0.576053	1
TCGA_13_0768_01A	Stage IIIC	G3	73	1-10 mm	0.38838	2
TCGA_13_1411_01A	Stage IIIC	G3	81	>20 mm	0.41906	2
TCGA_13_1408_01A	Stage IIIC	G3	59	>20 mm	0.392464	2
TCGA_61_2102_01A	Stage IIIC	G3	74		0.334383	1
TCGA_29_1695_01A	Stage IIIC	G2	62	>20 mm	0.563089	2
TCGA_29_1694_01A	Stage IIIC	GX	45	11-20 mm	0.454938	2
TCGA_23_1023_01A	Stage IIIC	G3	65	1-10 mm	0.483398	1
TCGA_13_1405_01A	Stage IV	G3	49	1-10 mm	0.453494	2
TCGA_09_0366_01A	Stage IIIC	G3	55	1-10 mm	0.464586	1
TCGA_24_1553_01A	Stage IIIB	G3	53	1-10 mm	0.519142	2
TCGA_23_1109_01A	Stage IIIC	G3	62	1-10 mm	0.555921	2
TCGA_24_2035_01A	Stage IIIC	G3	65	1-10 mm	0.269951	2
TCGA_61_2008_01A	Stage IIC	G2	40	No Macroscopic	0.571574	2
TCGA_61_2012_01A	Stage IIC	G2	81		0.556371	2
TCGA_29_1690_01A	Stage IIIC	G2	66	11-20 mm	0.339335	1
TCGA_29_1763_01A	Stage IIC	G2	43	1-10 mm	0.436271	1

TCGA_23_2078_01A	Stage IIIC	G3	66	No Macroscopic	0.460538	2
TCGA_25_1329_01A	Stage IIIC	G3	76	11-20 mm	0.49294	2
TCGA_25_1635_01A	Stage IIIC	G3	71	1-10 mm	0.507227	2
TCGA_36_1580_01A	Stage IIIC	G3	82	>20 mm	0.388454	2
TCGA_25_2404_01A	Stage IIIC	G3	38	No Macroscopic	0.423464	2
TCGA_36_1569_01A	Stage IIIC	G3	52	1-10 mm	0.41167	2
TCGA_25_1328_01A	Stage IIIC	G3	38	1-10 mm	0.240866	2
TCGA_13_1505_01A	Stage IIIC	G3	63	1-10 mm	0.466528	2
TCGA_20_1687_01A	Stage IV	G3	46	No Macroscopic	0.525044	2
TCGA_25_1323_01A	Stage IIIC	G3	72	1-10 mm	0.576929	1
TCGA_13_1477_01A	Stage IV	G2	49	1-10 mm	0.455264	1
TCGA_31_1959_01A	Stage IV	G2	49		0.413524	2
TCGA_25_2398_01A	Stage IIIC	G3	71	1-10 mm	0.316201	1
TCGA_13_0714_01A	Stage IV	G3	55	1-10 mm	0.542156	2
TCGA_36_1576_01A	Stage IIIC	G3	76	>20 mm	0.401148	2
TCGA_24_2280_01A	Stage IIIC	G3	74	1-10 mm	0.248386	2
TCGA_25_1326_01A	Stage IIIC	G3	61	1-10 mm	0.517196	2
TCGA_29_1711_01A	Stage IIIC	G2	45	No Macroscopic	0.558911	2
TCGA_09_1673_01A	Stage IV	G3	50	>20 mm	0.54227	1
TCGA_29_1783_01A	Stage IIIC	G3	58	1-10 mm	0.465988	2
TCGA_61_2003_01A	Stage IIIC	G2	53	1-10 mm	0.328291	1
TCGA_24_1847_01A	Stage IV	G3	45	1-10 mm	0.505673	2
TCGA_25_1313_01A	Stage IV	G3	62	1-10 mm	0.473055	1
TCGA_25_2401_01A	Stage IIIC	G3	64	1-10 mm	0.543146	2
TCGA_61_1733_01A	Stage IIIC	G3	71	No Macroscopic	0.451458	1
TCGA_57_1585_01A	Stage IIIC	G3	57	11-20 mm	0.356493	2
TCGA_25_1632_01A	Stage IV	G3	68	1-10 mm	0.497284	1
TCGA_25_1321_01A	Stage IIIC	G3	65	No Macroscopic	0.570972	1
TCGA_24_1104_01A	Stage IV	G3	56	>20 mm	0.496317	2
TCGA_25_2392_01A	Stage IV	G3	75	11-20 mm	0.562175	2
TCGA_24_1928_01A	Stage IIIC	G3	77	11-20 mm	0.481006	1
TCGA_25_2409_01A	Stage IV	G3	71	1-10 mm	0.461665	2
TCGA_61_2098_01A	Stage IIIC	G2	62	11-20 mm	0.487704	1
TCGA_04_1530_01A	Stage IIIC	G3	68	1-10 mm	0.499837	2
TCGA_13_0730_01A	Stage IIIC	G3	71	>20 mm	0.543144	1
TCGA_59_2355_01A	Stage IV	G3	58	>20 mm	0.545948	1
TCGA_24_1418_01A	Stage IIIC	G3	68	>20 mm	0.533549	2
TCGA_30_1862_01A	Stage IV	G2	65	>20 mm	0.454277	2
TCGA_24_2293_01A		G3	47	>20 mm	0.246019	2
TCGA_61_2009_01A	Stage IIIC	G3	65	11-20 mm	0.479734	2
TCGA_29_1770_01A	Stage IIIC	G2	54	1-10 mm	0.503631	1
TCGA_59_2354_01A	Stage IIIC	G3	63	1-10 mm	0.409559	2

TCGA_24_2288_01A	Stage IIIC	G3	70	>20 mm	0.520144	2
TCGA_09_2045_01A	Stage IV	G2	50	1-10 mm	0.478551	1
TCGA_04_1357_01A	Stage IIIB	G3	52		0.548003	2
TCGA_29_1693_01A	Stage IIIC	G3	72	>20 mm	0.526596	2
TCGA_09_0369_01A	Stage IIIC	G3	56	No Macroscopic	0.567278	1
TCGA_24_1550_01A	Stage IIIC	G3	49	1-10 mm	0.308327	2
TCGA_31_1956_01A	Stage IIIB	G3	60		0.494963	2
TCGA_30_1891_01A	Stage IIIC	G2	61	1-10 mm	0.467565	2
TCGA_09_1661_01B	Stage IIIC	G3	75	1-10 mm	0.48618	1
TCGA_30_1892_01A	Stage IIIC	G3	52	1-10 mm	0.30937	2
TCGA_24_2297_01A	Stage IIIC	G3	56	>20 mm	0.550876	1
TCGA_59_2352_01A	Stage IIIC	G3	78		0.46747	2
TCGA_29_1705_01A	Stage IIIC	G2	47	>20 mm	0.559757	1
TCGA_13_1485_01A	Stage IV	G2	48	1-10 mm	0.14474	1
TCGA_29_1768_01A	Stage IV	G3	50	>20 mm	0.464434	2
TCGA_24_1546_01A	Stage IIIC	G3	46	1-10 mm	0.314051	2
TCGA_24_1430_01A	Stage IIIC	G3	68	>20 mm	0.566898	1
TCGA_24_2271_01A	Stage IIIC	G3	55	>20 mm	0.476237	2
TCGA_29_1776_01A	Stage IIIC	G3	63	>20 mm	0.539167	2
TCGA_24_1425_01A	Stage IIIC	G3	45	1-10 mm	0.329697	2
TCGA_13_0883_01A	Stage IIIC	G3	61	1-10 mm	0.340954	1
TCGA_13_0888_01A	Stage IIIC	G3	78	No Macroscopic	0.484268	1
TCGA_29_A5NZ_01A	Stage IIIC	G3	66		0.44377	2
TCGA_57_1994_01A			63		0.569476	2
TCGA_61_1728_01A	Stage IV	G3	59	1-10 mm	0.567876	1
TCGA_61_2113_01A	Stage IIC	G3	53		0.499945	2
TCGA_61_2097_01A	Stage IIC	G2	71	1-10 mm	0.387556	1
TCGA_10_0927_01A	Stage IIIC	G2	65	1-10 mm	0.515576	2
TCGA_13_0908_01B	Stage IV	G3	58	1-10 mm	0.381871	2
TCGA_31_1953_01A	Stage IIIC	G3	52		0.527836	2
TCGA_24_1923_01A	Stage IIIC	G3	51	1-10 mm	0.450786	1
TCGA_29_1710_01A	Stage IIIC	G2	54	1-10 mm	0.425275	2
TCGA_24_2289_01A	Stage IV	G3	68	>20 mm	0.379855	1
TCGA_61_1721_01A	Stage IV	G1	38		0	1
TCGA_30_1861_01A	Stage IIIC	G3	74	1-10 mm	0.430111	1
TCGA_04_1648_01A	Stage IIIC	G2	57	1-10 mm	0.534768	1
TCGA_25_1631_01A	Stage IIIC	G3	73	1-10 mm	0.577426	1
TCGA_13_1487_01A	Stage IV	GX	74		0.5007	1
TCGA_24_2038_01A	Stage IIIA	GB	68	1-10 mm	0.387699	1
TCGA_31_1946_01A	Stage IIIC	G3	30	No Macroscopic	0.540859	2
TCGA_13_1511_01A	Stage IV	G3	52	>20 mm	0.556702	1
TCGA_23_1116_01A	Stage IIIC	G3	83	>20 mm	0.421906	2

TCGA_25_1320_01A	Stage IIIC	G3	65	1-10 mm	0.463068	2
TCGA_23_1111_01A	Stage IIIC	G3	63	>20 mm	0.50514	1
TCGA_13_0726_01A	Stage IIIC	GX	55	1-10 mm	0.465502	1
TCGA_25_1317_01A	Stage IIIC	G3	66		0.491851	2
TCGA_25_1623_01A	Stage IV	G3	71	No Macroscopic	0.479769	2
TCGA_04_1331_01A	Stage IIIC	G3	78	1-10 mm	0.557884	2
TCGA_23_1114_01B	Stage IIIC	G3	55	No Macroscopic	0.416233	1
TCGA_25_1626_01A	Stage IIIC	G3	65	>20 mm	0.175682	2
TCGA_25_1870_01A	Stage IIIC	G3	59	11-20 mm	0.527021	1
TCGA_09_2054_01A	Stage IIIC	G3	58	1-10 mm	0.41538	2
TCGA_24_2036_01A	Stage IIIA	G3	50	1-10 mm	0.56528	1
TCGA_04_1338_01A	Stage IIIC	G3	78	1-10 mm	0.448185	2
TCGA_24_1424_01A	Stage IIIC	G3	67	1-10 mm	0.55169	1
TCGA_29_1766_01A	Stage IIIC	G2	74	11-20 mm	0.558555	2
TCGA_13_0720_01A	Stage IIIC	G3	48	1-10 mm	0.559624	2
TCGA_24_2262_01A	Stage IIIC	G3	57	1-10 mm	0.489905	2
TCGA_24_2254_01A	Stage IIIC	G3	66	1-10 mm	0.368783	1
TCGA_24_1930_01A	Stage IIIC	G3	53	1-10 mm	0.46236	2
TCGA_24_1427_01A	Stage IIIC	G3	58	>20 mm	0.384058	2
TCGA_29_2414_01A	Stage IIIC	G2	75	11-20 mm	0.528913	2
TCGA_24_2024_01A	Stage IIIC	G3	72	1-10 mm	0.448733	2
TCGA_24_2298_01A	Stage IIIC	G3	55	>20 mm	0.442456	2
TCGA_25_2042_01A	Stage IIIC	G3	60	>20 mm	0.093629	2
TCGA_61_1919_01A	Stage IIIC	G2	58		0.556965	2
TCGA_25_1633_01A	Stage IIIC	G3	64	1-10 mm	0.306656	2
TCGA_13_0727_01A	Stage IIIC	G3	71	1-10 mm	0.562614	1
TCGA_24_1562_01A	Stage IIIC	G3	67	1-10 mm	0.565576	2
TCGA_24_1563_01A	Stage IIIC	G3	66	1-10 mm	0.425447	1
TCGA_31_1951_01A	Stage IIIC	G3	58	No Macroscopic	0.458671	2
TCGA_36_1568_01A	Stage IIIC	G3	52		0.525945	2
TCGA_13_0886_01A	Stage IIIC	G3	67	1-10 mm	0.513498	2
TCGA_61_1998_01A	Stage IIIC	G3	48	1-10 mm	0.492209	1
TCGA_04_1332_01A	Stage IIIC	G3	70	1-10 mm	0.285667	1
TCGA_61_2088_01A	Stage IIIC	G3	51	No Macroscopic	0.421798	1
TCGA_24_1434_01A	Stage IIIC	G3	59	1-10 mm	0.298204	2
TCGA_25_1628_01A	Stage IIIC	G3	67	1-10 mm	0.427322	2
TCGA_24_1423_01A	Stage IIIC	G3	61	1-10 mm	0.500199	1
TCGA_24_1435_01A	Stage IIIC	G3	57	1-10 mm	0.503347	1
TCGA_13_0911_01A	Stage IV	G3	55	1-10 mm	0.521662	2
TCGA_61_2101_01A	Stage IIIC	G2	55	11-20 mm	0.460626	1
TCGA_25_1318_01A	Stage IIIC	G3	54	1-10 mm	0.457258	1
TCGA_13_1499_01A	Stage IIIC	G3	56		0.390071	2

TCGA_09_1668_01B	Stage IIIC	G3	57		0.556857	2
TCGA_61_2002_01A	Stage IIIC	G3	46	11-20 mm	0.543058	2
TCGA_13_1403_01A	Stage IIIC	G3	48		0.525012	1