PANGLIOMA_2016_HUB

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```
## % censored cases (whole sample) = 63.76
##
##
                       astrocytoma
                                                  oligoastrocytoma
##
                               193
                                                               113
##
                 oligodendroglioma untreated primary (de novo) gbm
##
                                                               149
## no. of lgg cases = 494
## \% gbm censored cases = 23.2 i.e. 31 out of 149
## % lgg censored cases = 76.8 i.e. 379 out of 494
## \% astrocytoma censored cases = 30 i.e. 135 out of 193
## % oligoastrocytoma censored cases = 17.6 i.e. 98 out of 113
## % oligodendroglioma censored cases = 29.2 i.e. 146 out of 188
```

PANGLIOMA (LGG+GBM) ANALYSIS

PANGLIOMA_2016_ALL (10 EPV):

```
##
## 0 1
## 410 233
## [1] "0 = alive, 1 = dead (event of study)"
## [1] "pmax = 24"
## lambda value_2016_ALL = 0.010172039823537
```

Table 1: Model coefficients

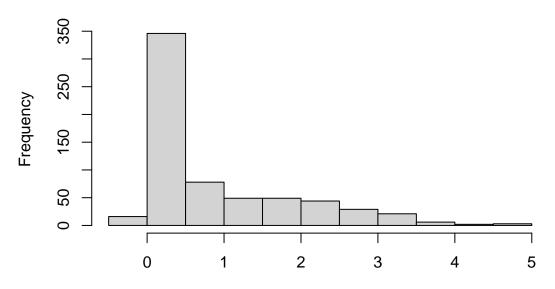
	coef
ESCO2	-0.0007582
NCAPG	-0.0007331
KIFC1	-0.0004762
MKI67	-0.0003953
NCKAP1L	-0.0003848
HCK	-0.0003255
NDC80	-0.0001931
EPR1	-0.0001818
EXO1	-0.0001707
MELK	-0.0001564
SLC6A7	-0.0000118

coef
-0.0000050
0.0000073
0.0001314
0.0001908
0.0001991
0.0002533
0.0005009
0.0006060
0.0006234
0.0011151
0.0011354
0.0017398
0.0024312

Number of variables of final model = 24

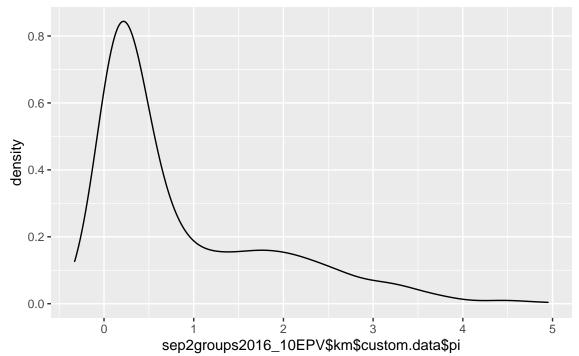
Stratification of patients (High-/Low-risk group)
Prognostic Index (PI) distribution

Histogram of sep2groups2016_10EPV\$km\$custom.data\$pi



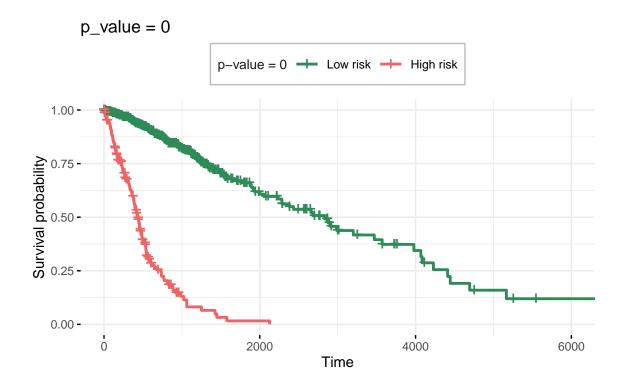
sep2groups2016_10EPV\$km\$custom.data\$pi

Panglioma: Density of Prognostic Index



semi-automatic calculation of PI threshold

```
## [1] "PI_THRESHOLD = 1.359283"
## [1] "Percentil = 0.7387"
## Call: survfit(formula = survival::Surv(time, status) ~ group, data = prognostic.index.df)
##
## n events median 0.95LCL 0.95UCL
## Low risk 475 109 2835 2282 3978
## High risk 168 124 435 385 489
```



Kaplan-Meier survival results

Histologic group analysis based on stratified High-/Low-Risk Groups Percentages

```
##
## astrocytoma oligoastrocytoma
## 193 113
## oligodendroglioma untreated primary (de novo) gbm
## 188 149
```

LOW-RISK GROUP

```
## % GBM in Low-risk group: 3.158
## % LGG in Low-risk group: 96.842
## % Astrocytomas in Low-risk group: 35.368
## % oligodendroglioma in Low-risk group: 38.105
```

% MIX_or_oligoastrocytoma in Low-risk group: 23.368

HIGH-RISK GROUP

% GBM in High-risk group: 79.762

% LGG in High-risk group: 20.238

% Astrocytomas in High-risk group: 14.881

% oligodendroglioma in High-risk group: 4.167

% MIX_or_oligoastrocytoma in High-risk group: 1.19

FINAL TABLES

LOW-RISK-PATIENTS

	Patient_ID	pi	time	status	group	histological_type
$\overline{17}$	TCGA-06-0178	1.3384024	2681	1	Low risk	untreated primary (de novo) gbm
30	TCGA-06-0743	1.3262669	803	1	Low risk	untreated primary (de novo) gbm
33	TCGA-06-0747	1.3451042	82	1	Low risk	untreated primary (de novo) gbm
37	TCGA-06-0882	1.2875982	632	1	Low risk	untreated primary (de novo) gbm
38	TCGA-06-1804	1.2226604	414	1	Low risk	untreated primary (de novo) gbm
46	TCGA-06-2565	1.0036849	506	1	Low risk	untreated primary (de novo) gbm
58	TCGA-06-5417	1.1336054	155	0	Low risk	untreated primary (de novo) gbm
76	TCGA-14-0789	1.2682514	342	1	Low risk	untreated primary (de novo) gbm
87	TCGA-19-1390	1.0530123	772	1	Low risk	untreated primary (de novo) gbm
90	TCGA-19-2620	0.8661365	148	1	Low risk	untreated primary (de novo) gbm
96	TCGA-26-1442	0.3635441	953	0	Low risk	untreated primary (de novo) gbm
98	TCGA-26-5133	1.1546509	452	0	Low risk	untreated primary (de novo) gbm
106	TCGA-27-1834	1.0617594	1233	1	Low risk	untreated primary (de novo) gbm
121	TCGA-28-5207	1.2859294	343	1	Low risk	untreated primary (de novo) gbm
148	TCGA-76-4929	1.1101452	111	1	Low risk	untreated primary (de novo) gbm
150	TCGA-CS-4938	0.1234726	3574	0	Low risk	astrocytoma
151	TCGA-CS-4941	0.9367977	234	1	Low risk	astrocytoma
152	TCGA-CS-4942	0.4351787	1335	1	Low risk	astrocytoma
153	TCGA-CS-4943	0.8347305	1106	1	Low risk	astrocytoma
154	TCGA-CS-4944	0.1486304	1828	0	Low risk	astrocytoma
155	TCGA-CS-5393	0.3974319	1222	0	Low risk	astrocytoma
156	TCGA-CS-5394	0.1352584	8	0	Low risk	astrocytoma
157	TCGA-CS-5395	0.6447400	639	1	Low risk	oligodendroglioma
158	TCGA-CS-5396	0.3306771	1631	0	Low risk	oligodendroglioma
159	TCGA-CS-5397	1.1908913	194	1	Low risk	astrocytoma
160	TCGA-CS-6188	1.1715306	814	1	Low risk	astrocytoma
161	TCGA-CS-6290	0.8744319	1137	1	Low risk	astrocytoma
162	TCGA-CS-6665	0.7306780	1568	0	Low risk	astrocytoma
163	TCGA-CS-6666	0.2349735	1428	0	Low risk	astrocytoma
164	TCGA-CS-6667	0.1991055	1469	0	Low risk	astrocytoma
165	TCGA-CS-6668	0.0171176	1519	0	Low risk	oligodendroglioma
166	TCGA-CS-6669	-0.0390862	1494	0	Low risk	oligodendroglioma
167	TCGA-CS-6670	0.0815756	1426	0	Low risk	oligodendroglioma
168	TCGA-DB-5270	0.2982039	3733	0	Low risk	oligoastrocytoma
169	TCGA-DB-5273	0.6391548	2493	0	Low risk	astrocytoma
170	TCGA-DB-5274	0.4568397	2289	0	Low risk	oligoastrocytoma

Tricka-DB-5275		Patient ID	ni	time	status	group	histological_type
TCGA-DB-5276			pi			group	<u> </u>
TCGA-DB-5277							· ·
TCGA-DB-5278							<u> </u>
175							*
TCGA-DB-5280							
177 TCGA-DB-284X9							-
TCGA-DB-AAXA							
TCGA-DB-AAXB							
TCGA-DB-A4XE							-
TCGA-DB-A4XC			0.2226312		0		
182 TCGA-DB-A4XD 0.1456458 1210 0 Low risk oligoastrocytoma 183 TCGA-DB-A4XE 0.6801144 1021 0 Low risk oligoaetrocytoma 185 TCGA-DB-A4XG 0.2674877 2219 0 Low risk oligoaetrocytoma 186 TCGA-DB-A4XH 0.0505954 962 0 Low risk oligoaetrocytoma 187 TCGA-DB-A64U 0.0505954 962 0 Low risk oligoaetrocytoma 188 TCGA-DB-A64P 0.4145216 916 0 Low risk oligoaetrocytoma 188 TCGA-DB-A64R 0.0464799 955 0 Low risk oligoaetrocytoma 190 TCGA-DB-A64R 0.0464799 955 0 Low risk oligoaetrocytoma 191 TCGA-DB-A64R 0.1618197 846 0 Low risk oligoaetrocytoma 192 TCGA-DB-A64V 0.4751308 889 0 Low risk oligoaetrocytoma 193 TCGA-DB-A64W 0.18197 846 0 Low risk oligoaetrocytoma 195 TCGA-DB-A75K			0.1696394	919	0	Low risk	astrocytoma
183 TCGA-DB-A4XE 0.5683788 1139 0 Low risk oligoastrocytoma 184 TCGA-DB-A4XG 0.2674877 2219 0 Low risk oligodendroglioma 186 TCGA-DB-A4XH 0.0505954 962 0 Low risk oligodendroglioma 187 TCGA-DB-A64L 0.1032172 736 0 Low risk oligodendroglioma 187 TCGA-DB-A64P 0.4145216 916 0 Low risk oligodendroglioma 189 TCGA-DB-A64Q 0.1224785 182 0 Low risk oligoastrocytoma 190 TCGA-DB-A64S 0.0464799 955 0 Low risk oligoastrocytoma 191 TCGA-DB-A64W 0.1618197 846 0 Low risk oligoastrocytoma 193 TCGA-DB-A64W 0.4751360 889 0 Low risk oligoastrocytoma 193 TCGA-DB-A64W 0.0672639 563 0 Low risk oligoastrocytoma 195 TCGA-DB-A75H	181	TCGA-DB-A4XC	0.4257581	1421	0	Low risk	oligoastrocytoma
184 TCGA-DB-A4XF 0.6801144 1021 0 Low risk oligodendroglioma 185 TCGA-DB-A4XH 0.0505954 962 0 Low risk oligodendroglioma 187 TCGA-DB-A64L 0.1032172 736 0 Low risk oligodendroglioma 188 TCGA-DB-A64P 0.4145216 916 0 Low risk oligodendroglioma 189 TCGA-DB-A64P 0.0464799 955 0 Low risk oligodendroglioma 190 TCGA-DB-A64R 0.0464799 955 0 Low risk oligoastrocytoma 191 TCGA-DB-A64W 0.1618197 846 0 Low risk oligoastrocytoma 192 TCGA-DB-A64W 0.4751360 889 0 Low risk oligoastrocytoma 194 TCGA-DB-A64W 0.4751360 889 0 Low risk oligoastrocytoma 195 TCGA-DB-A64W 0.4751360 889 0 Low risk oligoastrocytoma 195 TCGA-DB-A55K	182	TCGA-DB-A4XD	0.1456458	1210	0	Low risk	astrocytoma
185 TCGA-DB-A4XC 0.2674877 2219 0 Low risk oligodendroglioma 186 TCGA-DB-A4XH 0.0505954 962 0 Low risk oligodendroglioma 187 TCGA-DB-A64P 0.4145216 916 0 Low risk oligodendroglioma 189 TCGA-DB-A64P 0.4145216 916 0 Low risk oligodendroglioma 189 TCGA-DB-A64R 0.0464799 955 0 Low risk oligoactrocytoma 191 TCGA-DB-A64B 0.5170502 835 0 Low risk oligoactrocytoma 192 TCGA-DB-A64W 0.1618197 846 0 Low risk oligoactrocytoma 193 TCGA-DB-A64W 0.18180626 438 1 Low risk astrocytoma 195 TCGA-DB-A64X 0.0672639 563 0 Low risk astrocytoma 195 TCGA-DB-A75L 0.4235349 342 0 Low risk astrocytoma 196 TCGA-DB-A75D 0.1640985 </td <td>183</td> <td>TCGA-DB-A4XE</td> <td>0.5683788</td> <td>1139</td> <td>0</td> <td>Low risk</td> <td>oligoastrocytoma</td>	183	TCGA-DB-A4XE	0.5683788	1139	0	Low risk	oligoastrocytoma
186 TCGA-DB-A4XH 0.0505954 962 0 Low risk oligodendroglioma 187 TCGA-DB-A64P 0.4145216 916 0 Low risk oligodendroglioma 188 TCGA-DB-A64Q 0.1224785 182 0 Low risk oligodendroglioma 189 TCGA-DB-A64R 0.0464799 955 0 Low risk oligoastrocytoma 190 TCGA-DB-A64R 0.0464799 955 0 Low risk oligoastrocytoma 191 TCGA-DB-A64W 0.1618197 846 0 Low risk oligoastrocytoma 193 TCGA-DB-A64W 1.1804626 438 1 Low risk oligoastrocytoma 194 TCGA-DB-A64W 1.1804626 438 1 Low risk oligoastrocytoma 195 TCGA-DB-A75K 0.4194844 368 0 Low risk oligoastrocytoma 196 TCGA-DB-A75L 0.4235349 342 0 Low risk oligoastrocytoma 197 TCGA-DB-A75D 0.1807784 544 0 Low risk oligoatendrogloma 201 TCGA-DB-A75D	184	TCGA-DB-A4XF	0.6801144	1021	0	Low risk	astrocytoma
187 TCGA-DB-A64P 0.1445216 916 0 Low risk oligodendroglioma 189 TCGA-DB-A64P 0.1445216 916 0 Low risk oligodendroglioma 190 TCGA-DB-A64R 0.0464799 955 0 Low risk oligodendroglioma 191 TCGA-DB-A64S 0.5170502 835 0 Low risk oligoastrocytoma 192 TCGA-DB-A64W 0.1618197 846 0 Low risk oligoastrocytoma 193 TCGA-DB-A64W 0.180426 438 1 Low risk oligoastrocytoma 195 TCGA-DB-A64W 0.180426 438 1 Low risk oligoastrocytoma 195 TCGA-DB-A64X 0.0672639 563 0 Low risk oligoastrocytoma 196 TCGA-DB-A75L 0.4235349 342 0 Low risk astrocytoma 197 TCGA-DB-A75D 0.180985 492 0 Low risk astrocytoma 199 TCGA-DB-A75D 0.1640985 <td>185</td> <td>TCGA-DB-A4XG</td> <td>0.2674877</td> <td>2219</td> <td>0</td> <td>Low risk</td> <td>oligodendroglioma</td>	185	TCGA-DB-A4XG	0.2674877	2219	0	Low risk	oligodendroglioma
188 TCGA-DB-A64P 0.4145216 916 0 Low risk oligodendroglioma 189 TCGA-DB-A64Q 0.1224785 182 0 Low risk oligodendroglioma 190 TCGA-DB-A64R 0.0464799 955 0 Low risk oligodendroglioma 191 TCGA-DB-A64W 0.1618197 846 0 Low risk oligodendroglioma 193 TCGA-DB-A64W 0.4751360 889 0 Low risk oligoastrocytoma 194 TCGA-DB-A64W 0.1480266 438 1 Low risk oligoastrocytoma 195 TCGA-DB-A64W 0.1494844 368 0 Low risk astrocytoma 196 TCGA-DB-A75K 0.4194844 368 0 Low risk astrocytoma 197 TCGA-DB-A75M 0.1807784 544 0 Low risk astrocytoma 198 TCGA-DB-A75D 0.1640985 492 0 Low risk oligodendroglioma 201 TCGA-DH-5141 0.0780741 <td>186</td> <td>TCGA-DB-A4XH</td> <td>0.0505954</td> <td>962</td> <td>0</td> <td>Low risk</td> <td>oligoastrocytoma</td>	186	TCGA-DB-A4XH	0.0505954	962	0	Low risk	oligoastrocytoma
188 TCGA-DB-A64P 0.4145216 916 0 Low risk oligodendroglioma 189 TCGA-DB-A64Q 0.1224785 182 0 Low risk oligodendroglioma 190 TCGA-DB-A64R 0.0464799 955 0 Low risk oligodendroglioma 191 TCGA-DB-A64W 0.1618197 846 0 Low risk oligodendroglioma 193 TCGA-DB-A64W 0.4751360 889 0 Low risk oligoastrocytoma 194 TCGA-DB-A64W 1.1804626 438 1 Low risk oligoastrocytoma 195 TCGA-DB-A64W 0.40672639 563 0 Low risk oligoastrocytoma 196 TCGA-DB-A75K 0.4194844 368 0 Low risk astrocytoma 197 TCGA-DB-A75M 0.1807784 544 0 Low risk astrocytoma 199 TCGA-DB-A75D 0.1640985 492 0 Low risk astrocytoma 201 TCGA-DH-5141 0.0780741 <td>187</td> <td>TCGA-DB-A64L</td> <td>0.1032172</td> <td>736</td> <td>0</td> <td>Low risk</td> <td>oligodendroglioma</td>	187	TCGA-DB-A64L	0.1032172	736	0	Low risk	oligodendroglioma
TCGA-DB-A64Q	188	TCGA-DB-A64P	0.4145216	916	0	Low risk	
TCGA-DB-A64R 0.0464799 955 0 Low risk oligodendroglioma		TCGA-DB-A64Q	0.1224785	182	0	Low risk	9
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192 TCGA-DB-A64U 0.1618197 846 0 Low risk oligoastrocytoma 193 TCGA-DB-A64W 0.4751360 889 0 Low risk oligoaendroglioma 194 TCGA-DB-A64W 1.1804626 438 1 Low risk oligoastrocytoma 195 TCGA-DB-A64X 0.0672639 563 0 Low risk oligoastrocytoma 196 TCGA-DB-A75K 0.4194844 368 0 Low risk oligoastrocytoma 197 TCGA-DB-A75L 0.4235349 342 0 Low risk oligoastrocytoma 198 TCGA-DB-A75M 0.1807784 544 0 Low risk oligoastrocytoma 199 TCGA-DB-A75D 0.3358812 935 0 Low risk oligodendroglioma 200 TCGA-DB-A75P 0.1640985 492 0 Low risk oligodendroglioma 201 TCGA-DB-A75P 0.1640985 492 0 Low risk oligodendroglioma 201 TCGA-DH-A754 0.0769545 1943 0 Low risk oligoaendroglioma 202 TCGA-DH-5142 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>9</td>							9
193 TCGA-DB-A64V 0.4751360 889 0 Low risk oligodendroglioma 194 TCGA-DB-A64W 1.1804626 438 1 Low risk oligoastrocytoma 195 TCGA-DB-A64X 0.0672639 563 0 Low risk oligoastrocytoma 196 TCGA-DB-A75K 0.4194844 368 0 Low risk oligoastrocytoma 197 TCGA-DB-A75L 0.4235349 342 0 Low risk astrocytoma 198 TCGA-DB-A75D 0.1807784 544 0 Low risk astrocytoma 200 TCGA-DB-A75D 0.3358812 935 0 Low risk astrocytoma 201 TCGA-DB-A75P 0.1640985 492 0 Low risk astrocytoma 201 TCGA-DH-5141 0.0780741 968 0 Low risk astrocytoma 202 TCGA-DH-5142 0.9769545 1943 0 Low risk astrocytoma 203 TCGA-DH-5144 0.0610869 748 0 Low risk oligodendroglioma 204 TCGA-DH-A66B 0.5984893							<u> </u>
194 TCGA-DB-A64W 1.1804626 438 1 Low risk oligoastrocytoma 195 TCGA-DB-A64X 0.0672639 563 0 Low risk astrocytoma 196 TCGA-DB-A75K 0.4194844 368 0 Low risk oligoastrocytoma 197 TCGA-DB-A75L 0.4235349 342 0 Low risk astrocytoma 198 TCGA-DB-A75M 0.1807784 544 0 Low risk astrocytoma 199 TCGA-DB-A75D 0.3358812 935 0 Low risk astrocytoma 201 TCGA-DH-5141 0.0780741 968 0 Low risk oligodendroglioma 202 TCGA-DH-5142 0.9769545 1943 0 Low risk oligodendroglioma 203 TCGA-DH-5143 0.2489383 1401 0 Low risk oligodendroglioma 204 TCGA-DH-A66B 0.5084893 1279 0 Low risk oligodendroglioma 205 TCGA-DH-A66F 0.8083544							
195 TCGA-DB-A64X 0.0672639 563 0 Low risk astrocytoma 196 TCGA-DB-A75K 0.4194844 368 0 Low risk oligoastrocytoma 197 TCGA-DB-A75L 0.4235349 342 0 Low risk astrocytoma 198 TCGA-DB-A75M 0.1807784 544 0 Low risk astrocytoma 199 TCGA-DB-A75D 0.3358812 935 0 Low risk astrocytoma 200 TCGA-DB-A75P 0.1640985 492 0 Low risk astrocytoma 201 TCGA-DH-5141 0.0780741 968 0 Low risk astrocytoma 202 TCGA-DH-5142 0.9769545 1943 0 Low risk astrocytoma 203 TCGA-DH-5144 0.0610869 748 0 Low risk oligodendroglioma 204 TCGA-DH-A66B 0.5084893 1279 0 Low risk astrocytoma 207 TCGA-DH-A66F 0.0803584 523							
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197 TCGA-DB-A75L 0.4235349 342 0 Low risk astrocytoma 198 TCGA-DB-A75M 0.1807784 544 0 Low risk astrocytoma 199 TCGA-DB-A75D 0.3358812 935 0 Low risk astrocytoma 200 TCGA-DB-A75P 0.1640985 492 0 Low risk astrocytoma 201 TCGA-DH-5141 0.0780741 968 0 Low risk oligodendroglioma 202 TCGA-DH-5142 0.9769545 1943 0 Low risk oligodendroglioma 203 TCGA-DH-5144 0.0610869 748 0 Low risk oligodendroglioma 204 TCGA-DH-A66B 0.5084893 1279 0 Low risk astrocytoma 206 TCGA-DH-A66B 0.5084893 1279 0 Low risk oligodendroglioma 207 TCGA-DH-A66F 0.0803584 523 0 Low risk oligodendroglioma 210 TCGA-DH-A66G 0.3382595							
198 TCGA-DB-A75M 0.1807784 544 0 Low risk astrocytoma 199 TCGA-DB-A75O 0.3358812 935 0 Low risk astrocytoma 200 TCGA-DB-A75P 0.1640985 492 0 Low risk astrocytoma 201 TCGA-DH-5141 0.0780741 968 0 Low risk oligodendroglioma 202 TCGA-DH-5142 0.9769545 1943 0 Low risk oligodendroglioma 203 TCGA-DH-5143 0.2489383 1401 0 Low risk oligodendroglioma 204 TCGA-DH-5144 0.0610869 748 0 Low risk oligodendroglioma 206 TCGA-DH-A66B 0.5084893 1279 0 Low risk astrocytoma 207 TCGA-DH-A66B 0.6985176 846 0 Low risk oligodendroglioma 207 TCGA-DH-A66G 0.3383596 523 0 Low risk oligodendroglioma 210 TCGA-DH-A7UR 0.082595							-
199 TCGA-DB-A75O 0.3358812 935 0 Low risk astrocytoma 200 TCGA-DB-A75P 0.1640985 492 0 Low risk astrocytoma 201 TCGA-DH-5141 0.0780741 968 0 Low risk oligodendroglioma 202 TCGA-DH-5142 0.9769545 1943 0 Low risk astrocytoma 203 TCGA-DH-5143 0.2489383 1401 0 Low risk oligodendroglioma 204 TCGA-DH-5144 0.0610869 748 0 Low risk oligodendroglioma 206 TCGA-DH-A66B 0.5084893 1279 0 Low risk astrocytoma 207 TCGA-DH-A66B 0.6985176 846 0 Low risk astrocytoma 208 TCGA-DH-A66F 0.0803584 523 0 Low risk oligodendroglioma 210 TCGA-DH-A7UR 0.0825955 1650 0 Low risk oligodendroglioma 211 TCGA-DH-A7UT 0.3187273							
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224 TCGA-DU-5874 -0.3274027 461 0 Low risk oligodendroglioma							
	224	TCGA-DU-5874	-0.3274027	461	0	Low risk	oligodendroglioma

TCGA-DU-6392		Patient_ID	pi	time	status	group	histological_type
226 TCGA-DU-6393 0.4905294 1585 1 Low risk oligodendroglioma oligodendroglioma oligodendroglioma 227 TCGA-DU-6395 0.0823725 1491 1 Low risk oligoastrocytoma 229 TCGA-DU-6396 0.9335272 2286 1 Low risk oligodendroglioma 231 TCGA-DU-6399 0.3490185 2000 1 Low risk oligodendroglioma 232 TCGA-DU-6400 0.0350312 37 1 Low risk oligodendroglioma 233 TCGA-DU-6404 0.6359383 4068 1 Low risk oligodendroglioma 235 TCGA-DU-6405 1.2365477 605 1 Low risk oligodendroglioma 237 TCGA-DU-6406 0.3302063 3470 1 Low risk oligodendroglioma 241 TCGA-DU-6407 0.4564615 1915 1 Low risk oligodendroglioma 241 TCGA-DU-6408 0.3323292 4752 0 Low risk oligodendroglioma 241 TCGA-DU-7007 0.4564615 1915 1 Low risk oligodendroglioma	${225}$	TCGA-DU-6392	0.6374454	6423	0	Low risk	astrocytoma
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279 TCGA-DU-A6S6 -0.0583340 2893 0 Low risk oligoastrocytoma							
280 TCGA-DU-A6S7 0.0693145 638 0 Low risk astrocytoma							~
	280	TCGA-DU-A6S7	0.0693145	638	0	Low risk	astrocytoma

	Patient_ID	pi	time	status	group	histological_type
281	TCGA-DU-A6S8	0.1403310	678	0	Low risk	oligodendroglioma
282	TCGA-DU-A76K	0.2864773	347	1	Low risk	oligodendroglioma
284	TCGA-DU-A76O	0.7902299	522	0	Low risk	astrocytoma
285	TCGA-DU-A76R	0.1622887	648	1	Low risk	oligodendroglioma
286	TCGA-DU-A7T6	0.6249747	547	1	Low risk	oligodendroglioma
287	TCGA-DU-A7T8	0.3300648	4229	1	Low risk	oligoastrocytoma
288	TCGA-DU-A7TA	0.5842225	2565	0	Low risk	oligodendroglioma
289	TCGA-DU-A7TB	0.1232501	1567	0	Low risk	oligodendroglioma
290	TCGA-DU-A7TC	0.2810732	1137	0	Low risk	astrocytoma
291	TCGA-DU-A7TG	0.0298454	1351	1	Low risk	oligodendroglioma
292	TCGA-DU-A7TI	0.1995254	1183	1	Low risk	astrocytoma
294	TCGA-E1-5302	0.7425828	1525	1	Low risk	astrocytoma
$\frac{294}{295}$	TCGA-E1-5303	0.9030770	2052	1	Low risk	astrocytoma
$\frac{235}{297}$	TCGA-E1-5305	0.4641683	2433	1	Low risk	astrocytoma
298	TCGA-E1-5307	0.4041003 0.2993723	1762	1	Low risk	astrocytoma
$\frac{230}{299}$	TCGA-E1-5311	0.2333723 0.1794081	4084	1	Low risk	oligodendroglioma
$\frac{299}{300}$	TCGA-E1-5311 TCGA-E1-5318	0.0464613	2379	1	Low risk	oligodendroglioma
300	TCGA-E1-5319	0.0404013 0.1226808	2907	1	Low risk	
$301 \\ 302$						oligodendroglioma
	TCGA-E1-5322	0.8116747	3978	1	Low risk	oligoastrocytoma
305	TCGA-E1-A7YH	0.2957636	2835	1	Low risk	astrocytoma
307	TCGA-E1-A7YJ	1.2720526	592	1	Low risk	astrocytoma
308	TCGA-E1-A7YK	1.2602710	378	1	Low risk	astrocytoma
310	TCGA-E1-A7YM	0.5468384	648	1	Low risk	astrocytoma
312	TCGA-E1-A7YO	0.1147108	2282	1	Low risk	oligodendroglioma
314	TCGA-E1-A7YS	0.4292267	466	1	Low risk	oligodendroglioma
315	TCGA-E1-A7YU	0.2816609	23	1	Low risk	oligoastrocytoma
317	TCGA-E1-A7YW	0.3509231	1120	1	Low risk	oligoastrocytoma
318	TCGA-E1-A7YY	0.1035221	4445	1	Low risk	oligodendroglioma
319	TCGA-E1-A7Z2	0.4601643	398	1	Low risk	oligodendroglioma
320	TCGA-E1-A7Z3	0.2919663	2235	1	Low risk	astrocytoma
321	TCGA-E1-A7Z4	0.2885917	4412	1	Low risk	astrocytoma
322	TCGA-E1-A7Z6	0.2622223	984	1	Low risk	astrocytoma
323	TCGA-EZ-7264	0.0549674	1201	0	Low risk	oligodendroglioma
324	TCGA-F6-A8O3	0.1626455	7	0	Low risk	oligodendroglioma
325	TCGA-F6-A8O4	0.1245251	6	0	Low risk	astrocytoma
326	TCGA-FG-5962	0.0567458	1453	0	Low risk	oligodendroglioma
327	TCGA-FG-5963	1.2237796	775	1	Low risk	astrocytoma
328	TCGA-FG-5964	0.4284718	1588	0	Low risk	oligodendroglioma
329	TCGA-FG-5965	0.4023029	1120	1	Low risk	oligoastrocytoma
330	TCGA-FG-6688	0.9481652	571	0	Low risk	astrocytoma
331	TCGA-FG-6689	0.2543508	454	0	Low risk	astrocytoma
332	TCGA-FG-6690	0.2505961	1294	0	Low risk	oligodendroglioma
333	TCGA-FG-6691	0.7196784	1257	0	Low risk	astrocytoma
334	TCGA-FG-6692	0.8676978	561	1	Low risk	oligodendroglioma
335	TCGA-FG-7634	0.6743724	467	0	Low risk	oligodendroglioma
336	TCGA-FG-7636	0.2200773	544	0	Low risk	astrocytoma
337	TCGA-FG-7637	0.1633125	1219	0	Low risk	oligoastrocytoma
338	TCGA-FG-7638	0.1613747	686	0	Low risk	oligodendroglioma
339	TCGA-FG-7641	0.0128605	627	0	Low risk	oligodendroglioma
340	TCGA-FG-8182	0.3404613	416	0	Low risk	oligodendroglioma
341	TCGA-FG-8185	0.1973855	433	0	Low risk	astrocytoma
342	TCGA-FG-8186	0.4117356	487	0	Low risk	oligoastrocytoma
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	Patient ID	pi	time	status	group	histological_type
343	TCGA-FG-8187	0.1413085	611	0	Low risk	oligoastrocytoma
344	TCGA-FG-8188	0.1413083 0.2301238	455	0	Low risk	oligoastrocytoma
345	TCGA-FG-8189	-0.0671784	685	0	Low risk	oligodendroglioma
346	TCGA-FG-8191	0.2284754	992	0	Low risk	
347	TCGA-FG-A4MT	0.2284734 0.2752905	$\frac{992}{1164}$	0	Low risk	oligodendroglioma
348	TCGA-FG-A4MX		$\frac{1104}{569}$	0	Low risk	oligodendroglioma
349	TCGA-FG-A4MY	0.1747666	721	0	Low risk	astrocytoma
	TCGA-FG-A60J	0.0681809	449			oligoastrocytoma
350		0.1984472		0	Low risk	oligoastrocytoma
351	TCGA-FG-A60K	0.1014393	542	0	Low risk	oligoastrocytoma
352	TCGA-FG-A60L	0.4577995	655	0	Low risk	astrocytoma
353	TCGA-FG-A6IZ	0.1419978	457	0	Low risk	oligodendroglioma
354	TCGA-FG-A6J1	0.2658768	500	0	Low risk	oligodendroglioma
355	TCGA-FG-A6J3	0.5612825	677	0	Low risk	astrocytoma
356	TCGA-FG-A70Y	0.4670709	868	0	Low risk	oligodendroglioma
357	TCGA-FG-A710	0.7884921	1115	0	Low risk	oligodendroglioma
358	TCGA-FG-A711	0.4004976	1481	1	Low risk	oligodendroglioma
359	TCGA-FG-A713	-0.0241650	622	0	Low risk	oligoastrocytoma
361	TCGA-FG-A87Q	1.2623161	174	0	Low risk	astrocytoma
363	TCGA-HT-7467	0.2190183	3	0	Low risk	oligodendroglioma
364	TCGA-HT-7468	0.3269176	203	0	Low risk	oligodendroglioma
365	TCGA-HT-7469	1.2726545	351	1	Low risk	oligodendroglioma
366	TCGA-HT-7470	0.1391532	1220	1	Low risk	oligodendroglioma
367	TCGA-HT-7471	1.0800275	4	0	Low risk	oligodendroglioma
368	TCGA-HT-7472	0.3321829	1	0	Low risk	oligodendroglioma
369	TCGA-HT-7473	0.7702274	503	0	Low risk	oligoastrocytoma
370	TCGA-HT-7474	0.0878581	114	0	Low risk	oligoastrocytoma
371	TCGA-HT-7475	0.2207424	530	0	Low risk	oligoastrocytoma
372	TCGA-HT-7476	0.2252153	199	0	Low risk	astrocytoma
373	TCGA-HT-7477	1.3560484	738	0	Low risk	astrocytoma
374	TCGA-HT-7478	0.8134077	194	0	Low risk	astrocytoma
375	TCGA-HT-7479	0.3426410	1227	0	Low risk	astrocytoma
376	TCGA-HT-7480	0.0696822	2287	0	Low risk	oligodendroglioma
377	TCGA-HT-7481	0.1074462	2918	0	Low risk	oligodendroglioma
378	TCGA-HT-7482	0.4320860	3253	0	Low risk	oligoastrocytoma
379	TCGA-HT-7483	0.5487552	5255	0	Low risk	oligoastrocytoma
380	TCGA-HT-7485	0.2671682	122	0	Low risk	astrocytoma
381	TCGA-HT-7601	0.5416944	153	0	Low risk	astrocytoma
382	TCGA-HT-7602	0.2588571	908	0	Low risk	oligodendroglioma
383	TCGA-HT-7603	0.0769174	705	0	Low risk	oligodendroglioma
384	TCGA-HT-7604	0.1203095	3725	0	Low risk	astrocytoma
385	TCGA-HT-7605	0.0837879	139	0	Low risk	oligodendroglioma
387	TCGA-HT-7607	0.0727896	96	1	Low risk	astrocytoma
388	TCGA-HT-7608	0.2307364	671	0	Low risk	oligoastrocytoma
389	TCGA-HT-7609	0.3196134	1399	0	Low risk	oligoastrocytoma
390	TCGA-HT-7610	0.0848024	1706	0	Low risk	oligoastrocytoma
391	TCGA-HT-7611	0.1473697	1752	0	Low risk	oligoastrocytoma
392	TCGA-HT-7616	0.4649078	7	1	Low risk	oligodendroglioma
393	TCGA-HT-7620	0.2457393	434	0	Low risk	oligodendroglioma
394	TCGA-HT-7676	0.4997261	5	0	Low risk	oligodendroglioma
395	TCGA-HT-7677	0.0180729	494	0	Low risk	oligodendroglioma
396	TCGA-HT-7680	0.4805414	23	0	Low risk	astrocytoma
397	TCGA-HT-7681	0.1171074	1359	0	Low risk	oligoastrocytoma
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	Patient_ID	pi	time	status	group	histological_type
398	TCGA-HT-7684	0.4112389	184	0	Low risk	oligoastrocytoma
399	TCGA-HT-7686	1.0123298	1300	0	Low risk	astrocytoma
400	TCGA-HT-7687	0.0318837	3	0	Low risk	oligodendroglioma
401	TCGA-HT-7688	0.0409734	964	0	Low risk	oligodendroglioma
402	TCGA-HT-7689	0.2470125	455	0	Low risk	oligodendroglioma
403	TCGA-HT-7690	0.7081158	3	0	Low risk	oligoastrocytoma
404	TCGA-HT-7691	0.4658933	3	0	Low risk	astrocytoma
405	TCGA-HT-7692	0.4434315	90	0	Low risk	oligoastrocytoma
406	TCGA-HT-7693	0.4971496	533	0	Low risk	oligodendroglioma
407	TCGA-HT-7694	0.0113220	210	0	Low risk	oligodendroglioma
408	TCGA-HT-7695	0.0110496	442	0	Low risk	oligodendroglioma
409	TCGA-HT-7854	0.5494273	1201	0	Low risk	astrocytoma
410	TCGA-HT-7855	0.1768989	585	0	Low risk	astrocytoma
411	TCGA-HT-7856	0.0984592	1189	0	Low risk	oligodendroglioma
413	TCGA-HT-7858	0.3000277	1540	0	Low risk	astrocytoma
414	TCGA-HT-7860	0.6495120	15	0	Low risk	astrocytoma
415	TCGA-HT-7873	0.4609700	718	0	Low risk	oligoastrocytoma
416	TCGA-HT-7874	0.0256608	1130	0	Low risk	oligodendroglioma
417	TCGA-HT-7875	0.0351560	10	0	Low risk	oligodendroglioma
418	TCGA-HT-7877	0.0560891	4	0	Low risk	oligodendroglioma
419	TCGA-HT-7879	0.3324539	112	0	Low risk	oligoastrocytoma
420	TCGA-HT-7880	0.0324333 0.0751336	162	0	Low risk	oligoastrocytoma
421	TCGA-HT-7881	0.0105838	1079	0	Low risk	oligodendroglioma
423	TCGA-HT-7884	0.1162131	343	0	Low risk	astrocytoma
424	TCGA-HT-7902	0.1281483	956	0	Low risk	oligoastrocytoma
425	TCGA-HT-8010	0.1261465 0.1164651	50	0	Low risk	oligodendroglioma
427	TCGA-HT-8012	0.1104031 0.0725215	286	0	Low risk	oligodendroglioma
428	TCGA-HT-8013	0.9695431	1933	1	Low risk	oligoastrocytoma
429	TCGA-HT-8015	0.3033431 0.4041912	3	0	Low risk	astrocytoma
430	TCGA-HT-8018	0.4041312 0.5334750	1152	1	Low risk	oligoastrocytoma
431	TCGA-HT-8019	-0.0243466	1004	0	Low risk	oligodendroglioma
433	TCGA-HT-8105	0.1424637	190	0	Low risk	oligodendroglioma
435	TCGA-HT-8107	0.0056389	14	0	Low risk	oligodendroglioma
436	TCGA-HT-8108	0.6304074	76	0	Low risk	oligodendroglioma
437	TCGA-HT-8109	0.0528709	169	0	Low risk	oligodendroglioma
439	TCGA-HT-8111	0.4516036	7	0	Low risk	oligoastrocytoma
440	TCGA-HT-8113	-0.0435621	900	0	Low risk	oligodendroglioma
441	TCGA-HT-8114	0.7039284	1040	0	Low risk	oligoastrocytoma
442	TCGA-HT-8558	-0.0011800	418	0	Low risk	oligodendroglioma
444	TCGA-HT-8564	0.5432206	478	0	Low risk	astrocytoma
445	TCGA-HT-A4DS	0.9453393	7	0	Low risk	astrocytoma
446	TCGA-HT-A4DV	0.9455595 0.1727229	792	0	Low risk	oligodendroglioma
447	TCGA-HT-A5R5	0.1121229 0.4260903	4	0	Low risk	oligodendroglioma
448	TCGA-HT-A5R7	0.4200903 0.1371069	615	0	Low risk	astrocytoma
449	TCGA-HT-A5R9	0.1371009 0.3026228	2	0	Low risk	oligodendroglioma
451	TCGA-HT-A5RB	0.3020228	3	0	Low risk	astrocytoma
451	TCGA-HT-A5RC	1.2526078	162	1	Low risk	astrocytoma
452	TCGA-HT-A614	0.2410663	82	0	Low risk	oligoastrocytoma
453	TCGA-HT-A615	0.2410003 0.3580982	515	0	Low risk	oligodendroglioma
454	TCGA-HT-A616	0.0303321	55	0	Low risk	astrocytoma
456	TCGA-HT-A617	0.0505521 0.9511836	491	0	Low risk	oligodendroglioma
450	TCGA-HT-A618	0.9311830 0.6400994	512	0	Low risk	astrocytoma
401	1 OGA-111-A018	0.0400994	512	U	LOW 118K	astrocytoma

	Patient_ID	pi	time	status	group	histological_type
458	TCGA-HT-A619	0.1386895	651	0	Low risk	oligodendroglioma
459	TCGA-HT-A61A	0.0812271	194	0	Low risk	oligodendroglioma
462	TCGA-HT-A74H	0.4810988	74	0	Low risk	astrocytoma
463	TCGA-HT-A74J	0.2322905	320	0	Low risk	oligoastrocytoma
464	TCGA-HT-A74K	0.1531386	467	0	Low risk	oligodendroglioma
465	TCGA-HT-A74L	0.2210073	336	0	Low risk	oligoastrocytoma
466	TCGA-HT-A74O	0.6909072	3	0	Low risk	astrocytoma
467	TCGA-HW-7486	0.1423034	1721	0	Low risk	oligodendroglioma
468	TCGA-HW-7487	0.0389511	1382	0	Low risk	oligodendroglioma
469	TCGA-HW-7489	0.0996361	1262	1	Low risk	oligoastrocytoma
470	TCGA-HW-7490	0.1133828	1387	0	Low risk	astrocytoma
471	TCGA-HW-7491	0.0798173	2078	0	Low risk	oligodendroglioma
472	TCGA-HW-7493	0.1258965	2107	0	Low risk	astrocytoma
473	TCGA-HW-7495	0.1250309 0.0152379	1078	0	Low risk	oligodendroglioma
474	TCGA-HW-8319	0.0132373	1209	1	Low risk	astrocytoma
475	TCGA-HW-8320	0.1303304 0.1774984	1203 1217	0	Low risk	astrocytoma
476	TCGA-HW-8321	0.1174304 0.1424227	1294	0	Low risk	astrocytoma
477	TCGA-HW-8322	0.1424227 0.2371935	758	0	Low risk	oligodendroglioma
478	TCGA-HW-A5KJ	0.2371935 0.3970510	962	1	Low risk	oligodendroglioma
479	TCGA-HW-A5KK	0.8888495	388	1	Low risk	astrocytoma
480	TCGA-HW-A5KL	0.2207693	878	0	Low risk	•
481	TCGA-HW-A5KM	0.5876667	630	0	Low risk	astrocytoma astrocytoma
482	TCGA-IK-7675	0.5203708	578	1	Low risk	oligodendroglioma
483	TCGA-IK-7075	0.3203708 0.1938149	1301	0	Low risk	
484	TCGA-KT-A74X	0.1938149 0.2862328	438	0	Low risk	oligoastrocytoma
486	TCGA-P5-A5EV		436 7	0	Low risk	oligoastrocytoma
487	TCGA-P5-A5EV	0.4707122	204	0	Low risk	astrocytoma
488	TCGA-P5-A5EX	0.1519067 0.7686851	$\frac{204}{243}$	0	Low risk	astrocytoma
489	TCGA-P5-A5EX	0.7660631 0.1564703	$\frac{243}{72}$	0	Low risk	oligodendroglioma
490			70			astrocytoma
$490 \\ 491$	TCGA-P5-A5EZ	0.6157531	287	0	Low risk	astrocytoma
$491 \\ 492$	TCGA-P5-A5F0 TCGA-P5-A5F1	0.0553246 0.3061023	287 179	$0 \\ 0$	Low risk Low risk	oligodendroglioma
		0.3001023 0.1098679	242	0	Low risk	astrocytoma
493 494	TCGA-P5-A5F2 TCGA-P5-A5F4		$\frac{242}{231}$			astrocytoma
		0.0632483	$\frac{231}{39}$	0	Low risk	oligodendroglioma oligodendroglioma
495	TCGA-P5-A5F6 TCGA-P5-A72U	0.6010340		0	Low risk	
496		0.7939929	7	0	Low risk	oligodendroglioma
497	TCGA-P5-A72W	0.2140629	317	0	Low risk Low risk	astrocytoma
498	TCGA-P5-A72X	0.1372535	403	0		astrocytoma
499	TCGA-P5-A72Z	0.4317046	354	0	Low risk	oligodendroglioma
500	TCGA-P5-A730	0.3171549	333	0	Low risk	oligoastrocytoma
501	TCGA-P5-A731	0.4473642	274	0	Low risk	oligoastrocytoma
502	TCGA-P5-A733	0.1288238	414	0	Low risk	astrocytoma
503	TCGA-P5-A735	0.2468218	292	0	Low risk	astrocytoma
504	TCGA-P5-A736	0.6240327	230	0	Low risk	astrocytoma
505	TCGA-P5-A737	-0.0366018	372	0	Low risk	oligoastrocytoma
506	TCGA-P5-A77W	0.0683927	584	0	Low risk	oligoastrocytoma
507	TCGA-P5-A77X	0.0826213	105	0	Low risk	oligoastrocytoma
508	TCGA-P5-A780	0.3417394	72	0	Low risk	astrocytoma
509	TCGA-P5-A781	0.1336831	134	0	Low risk	astrocytoma
510	TCGA-QH-A65R	0.2403664	461	0	Low risk	oligodendroglioma
511	TCGA-QH-A65S	0.3537156	77	0	Low risk	oligoastrocytoma
512	TCGA-QH-A65V	0.1943040	384	0	Low risk	oligodendroglioma

TCGA-QH-A65X		Patient_ID	pi	time	status	group	histological_type
TCGA-QH-A6CS	513	TCGA-OH-A65X	0.1692026	482	0	Low risk	oligoastrocytoma
515 TCGA-QH-A6CS 0.4783561 588 0. Low risk oligodendroglioma 516 TCGA-QH-A6CW 0.1964332 414 0. Low risk oligodendroglioma 517 TCGA-QH-A6CX 0.3579642 372 1. Low risk oligoastrocytoma 518 TCGA-QH-A6CX 0.0591682 408 0. Low risk oligoastrocytoma 520 TCGA-QH-A6CX 0.0091682 408 0. Low risk oligoastrocytoma 521 TCGA-QH-A6CX 0.3018837 313 0. Low risk oligoastrocytoma 522 TCGA-QH-A6CX 0.1548305 497 0. Low risk oligoastrocytoma 523 TCGA-QH-A6X9 0.2326556 58 0. Low risk oligodendroglioma 526 TCGA-QH-A6X9 0.2326556 58 0. Low risk oligoastrocytoma 526 TCGA-QH-A6X0 0.1506235 502 0. Low risk oligodendroglioma 527 TCGA-QH-A8K0 0.1576092 337 0. Low risk oligodendroglioma 528 TCGA-RB-		-					<u> </u>
516 TCGA-QH-A6CW 0.1964332 414 0 Low risk oligoastrocytoma 518 TCGA-QH-A6CW 0.0591632 414 0 Low risk oligoastrocytoma 519 TCGA-QH-A6CY 0.0591642 372 1 Low risk oligoastrocytoma 519 TCGA-QH-A6CY 0.0691682 408 0 Low risk oligoastrocytoma 521 TCGA-QH-A6X3 0.3018837 313 0 Low risk oligoastrocytoma 522 TCGA-QH-A6X4 0.1301810 442 0 Low risk oligoastrocytoma 522 TCGA-QH-A6X8 0.2467640 509 0 Low risk oligodendroglioma 526 TCGA-QH-A6X9 0.2326556 58 0 Low risk oligodendroglioma 527 TCGA-QH-A6X0 0.1506235 502 0 Low risk oligodendroglioma 527 TCGA-QH-A870 0.1919316 395 0 Low risk oligodendroglioma 531 TCGA-R8-A6MK <td< td=""><td></td><td>=</td><td></td><td></td><td></td><td></td><td>9</td></td<>		=					9
517 TCGA-QH-A6CX 0.1964332 414 0 Low risk oligoastrocytoma 518 TCGA-QH-A6CX 0.0579642 372 1 Low risk oligoastrocytoma 519 TCGA-QH-A6CY 0.0691682 408 0 Low risk oligoastrocytoma 520 TCGA-QH-A6CY 0.0691682 408 0 Low risk oligoastrocytoma 521 TCGA-QH-A6CY 0.0801833 313 0 Low risk oligoastrocytoma 522 TCGA-QH-A6X4 0.1301810 442 0 Low risk oligoastrocytoma 523 TCGA-QH-A6X5 0.1548305 497 0 Low risk oligoastrocytoma 525 TCGA-QH-A6X9 0.2326556 58 0 Low risk oligodendroglioma 526 TCGA-QH-A6X4 0.1506235 502 0 Low risk oligodendroglioma 528 TCGA-QH-A8870 0.159319 395 0 Low risk oligodendroglioma 531 TCGA-R8-A6MI		•					· ·
518 TCGA-QH-A6CY 0.0691682 408 0 Low risk oligoastrocytoma 520 TCGA-QH-A6CY 0.0092914 279 0 Low risk oligoastrocytoma 521 TCGA-QH-A6X3 0.3018837 313 0 Low risk oligoastrocytoma 522 TCGA-QH-A6X5 0.1548305 497 0 Low risk oligoastrocytoma 524 TCGA-QH-A6X8 0.2467640 509 0 Low risk oligoastrocytoma 524 TCGA-QH-A6X8 0.236556 58 0 Low risk oligoastrocytoma 525 TCGA-QH-A6XA 0.1560325 502 0 Low risk oligoastrocytoma 527 TCGA-QH-A6XA 0.156092 337 0 Low risk oligoadendroglioma 529 TCGA-QH-A870 0.1919316 395 0 Low risk oligodendroglioma 531 TCGA-R8-A6ML 0.0656599 2860 0 Low risk oligodendroglioma 532 TCGA-R8-A6ML		•					9
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619 TCGA-TQ-A7RU 0.0701816 1032 0 Low risk oligodendroglioma							
	619	TCGA-TQ-A7RU	0.0701816	1032	0	Low risk	oligodendroglioma

	Patient_ID	pi	time	status	group	histological_type
620	TCGA-TQ-A7RV	0.2258879	1868	0	Low risk	astrocytoma
621	TCGA-TQ-A7RW	0.7053207	821	1	Low risk	oligodendroglioma
622	TCGA-TQ-A8XE	0.1347863	954	1	Low risk	oligodendroglioma
623	TCGA-VM-A8C8	0.2967708	1397	0	Low risk	oligodendroglioma
624	TCGA-VM-A8C9	0.9928609	1314	0	Low risk	astrocytoma
625	TCGA-VM-A8CA	0.2622012	411	0	Low risk	oligodendroglioma
626	TCGA-VM-A8CB	0.0288349	3	0	Low risk	oligodendroglioma
627	TCGA-VM-A8CD	1.0906090	240	1	Low risk	astrocytoma
628	TCGA-VM-A8CE	0.1293566	1191	0	Low risk	oligodendroglioma
629	TCGA-VM-A8CF	0.6144374	609	0	Low risk	astrocytoma
630	TCGA-VM-A8CH	0.3015826	714	0	Low risk	astrocytoma
631	TCGA-VV-A829	0.2275661	1127	0	Low risk	oligoastrocytoma
632	TCGA-VV-A86M	0.2589163	487	0	Low risk	astrocytoma
633	TCGA-VW-A7QS	0.1367437	706	0	Low risk	oligodendroglioma
635	TCGA-W9-A837	0.0292589	1553	0	Low risk	oligodendroglioma
636	TCGA-WH-A86K	0.2405894	405	0	Low risk	astrocytoma
637	TCGA-WY-A858	0.6619606	1337	0	Low risk	astrocytoma
638	TCGA-WY-A859	-0.0172296	1213	0	Low risk	astrocytoma
639	TCGA-WY-A85A	0.2163456	1320	0	Low risk	astrocytoma
640	TCGA-WY-A85B	0.3747744	1393	0	Low risk	astrocytoma
641	TCGA-WY-A85C	0.0939810	1426	0	Low risk	astrocytoma
642	TCGA-WY-A85D	0.2967895	1147	0	Low risk	oligoastrocytoma
643	TCGA-WY-A85E	0.1623662	633	0	Low risk	oligoastrocytoma

HIGH-RISK-PATIENTS

	Patient_ID	pi	time	status	group	histological_type
1	TCGA-02-0047	1.408792	448	1	High risk	untreated primary (de novo) gbm
2	TCGA-02-0055	2.648515	76	1	High risk	untreated primary (de novo) gbm
3	TCGA-02-2483	2.636235	466	0	High risk	untreated primary (de novo) gbm
4	TCGA-02-2485	1.626853	470	0	High risk	untreated primary (de novo) gbm
5	TCGA-02-2486	2.156730	618	1	High risk	untreated primary (de novo) gbm
6	TCGA-06-0125	1.848450	1448	1	High risk	untreated primary (de novo) gbm
7	TCGA-06-0129	2.530986	1024	1	High risk	untreated primary (de novo) gbm
8	TCGA-06-0130	4.528614	394	1	High risk	untreated primary (de novo) gbm
9	TCGA-06-0132	1.824512	771	1	High risk	untreated primary (de novo) gbm
10	TCGA-06-0138	2.635520	737	1	High risk	untreated primary (de novo) gbm
11	TCGA-06-0141	2.682275	313	1	High risk	untreated primary (de novo) gbm
12	TCGA-06-0156	3.345649	178	1	High risk	untreated primary (de novo) gbm
13	TCGA-06-0157	2.314465	97	1	High risk	untreated primary (de novo) gbm
14	TCGA-06-0158	1.693452	329	1	High risk	untreated primary (de novo) gbm
15	TCGA-06-0168	2.369781	598	1	High risk	untreated primary (de novo) gbm
16	TCGA-06-0174	3.230529	98	1	High risk	untreated primary (de novo) gbm
18	TCGA-06-0184	2.146145	2126	1	High risk	untreated primary (de novo) gbm
19	TCGA-06-0187	2.015797	828	1	High risk	untreated primary (de novo) gbm
20	TCGA-06-0190	2.643525	317	1	High risk	untreated primary (de novo) gbm
21	TCGA-06-0210	1.665454	225	1	High risk	untreated primary (de novo) gbm
22	TCGA-06-0211	2.271290	360	1	High risk	untreated primary (de novo) gbm
23	TCGA-06-0219	3.711520	22	1	High risk	untreated primary (de novo) gbm
24	TCGA-06-0238	3.140481	405	1	High risk	untreated primary (de novo) gbm
25	TCGA-06-0644	3.788508	384	1	High risk	untreated primary (de novo) gbm
26	TCGA-06-0645	2.888981	175	1	High risk	untreated primary (de novo) gbm

	Patient_ID	pi	time	status	group	histological_type
27	TCGA-06-0646	2.623620	175	1	High risk	untreated primary (de novo) gbm
28	TCGA-06-0649	2.445720	64	1	High risk	untreated primary (de novo) gbm
29	TCGA-06-0686	3.100501	432	1	High risk	untreated primary (de novo) gbm
31	TCGA-06-0744	1.413668	1426	1	High risk	untreated primary (de novo) gbm
32	TCGA-06-0745	3.223446	239	1	High risk	untreated primary (de novo) gbm
34	TCGA-06-0749	1.626249	82	1	High risk	untreated primary (de novo) gbm
35	TCGA-06-0750	1.497000	28	1	High risk	untreated primary (de novo) gbm
36	TCGA-06-0878	2.059603	218	0	High risk	untreated primary (de novo) gbm
39	TCGA-06-2557	3.164255	33	1	High risk	untreated primary (de novo) gbm
40	TCGA-06-2558	3.278052	380	1	High risk	untreated primary (de novo) gbm
41	TCGA-06-2559	3.686901	150	1	High risk	untreated primary (de novo) gbm
42	TCGA-06-2561	1.419559	537	1	High risk	untreated primary (de novo) gbm
43	TCGA-06-2562	1.658152	382	1	High risk	untreated primary (de novo) gbm
44	TCGA-06-2563	1.538373	932	0	High risk	untreated primary (de novo) gbm
45	TCGA-06-2564	1.892698	181	0	High risk	untreated primary (de novo) gbm
47	TCGA-06-2567	3.792912	133	1	High risk	untreated primary (de novo) gbm
48	TCGA-06-2569	2.336542	13	0	High risk	untreated primary (de novo) gbm
49	TCGA-06-2570	1.604850	958	0	High risk	untreated primary (de novo) gbm
50	TCGA-06-5408	1.710572	357	1	High risk	untreated primary (de novo) gbm
51	TCGA-06-5410	4.426206	108	1	High risk	untreated primary (de novo) gbm
52	TCGA-06-5411	1.745418	254	1	High risk	untreated primary (de novo) gbm
53	TCGA-06-5412	2.334418	138	1	High risk	untreated primary (de novo) gbm
54	TCGA-06-5413	3.348756	268	0	High risk	untreated primary (de novo) gbm
55	TCGA-06-5414	2.001556	273	0	High risk	untreated primary (de novo) gbm
56	TCGA-06-5415	1.640378	260	0	High risk	untreated primary (de novo) gbm
57	TCGA-06-5416	3.134273	204	0	High risk	untreated primary (de novo) gbm
59	TCGA-06-5418	1.853144	83	1	High risk	untreated primary (de novo) gbm
60	TCGA-06-5856	2.964826	114	1	High risk	untreated primary (de novo) gbm
61	TCGA-06-5858	2.034897	187	0	High risk	untreated primary (de novo) gbm
62	TCGA-06-5859	3.022929	139	0	High risk	untreated primary (de novo) gbm
63	TCGA-08-0386	1.464545	548	1	High risk	untreated primary (de novo) gbm
64	TCGA-12-0616	3.711389	448	1	High risk	untreated primary (de novo) gbm
65	TCGA-12-0618	2.421900	395	1	High risk	untreated primary (de novo) gbm
66	TCGA-12-0619	3.128776	1062	1	High risk	untreated primary (de novo) gbm
67	TCGA-12-0019	2.645377	323	1	High risk	untreated primary (de novo) gbm
68	TCGA-12-0521 TCGA-12-1597	2.794841	675	1	High risk	untreated primary (de novo) gbm
69	TCGA-12-3650	4.232613	333	1	High risk	untreated primary (de novo) gbm
70	TCGA-12-3652	2.094981	1062	1	High risk	untreated primary (de novo) gbm untreated primary (de novo) gbm
71	TCGA-12-3653	2.094981 2.579983	442	1	High risk	untreated primary (de novo) gbm
72	TCGA-12-5295	3.302446	454	1	High risk	
73	TCGA-12-5299	2.278243	98	1	High risk	untreated primary (de novo) gbm
74			29	1	High risk	untreated primary (de novo) gbm
75	TCGA-14-0781 TCGA-14-0787	1.764156	68	1	High risk	untreated primary (de novo) gbm
77		$\begin{array}{c} 2.035414 \\ 1.586780 \end{array}$		1	~	untreated primary (de novo) gbm
	TCGA-14-0790		419		High risk	untreated primary (de novo) gbm
78 70	TCGA-14-0817	3.423609	164 485	1	High risk	untreated primary (de novo) gbm
79	TCGA-14-1034	2.271678	485	1	High risk	untreated primary (de novo) gbm
80	TCGA-14-1823	1.991556	543	1	High risk	untreated primary (de novo) gbm
81	TCGA-14-1825	3.915839	232	1	High risk	untreated primary (de novo) gbm
82	TCGA-14-1829	2.522788	218	0	High risk	untreated primary (de novo) gbm
83	TCGA-14-2554	1.598037	532	1	High risk	untreated primary (de novo) gbm
84	TCGA-15-0742	2.116904	419	1	High risk	untreated primary (de novo) gbm
85	TCGA-16-0846	1.474069	119	1	High risk	untreated primary (de novo) gbm

86 TCGA-16-1045 2.026547 883 1 High risk mitreated primary (de novo) gbm 88 TCGA-19-2619 2.016516 294 0 High risk mitreated primary (de novo) gbm 91 TCGA-19-2619 2.016516 294 0 High risk mitreated primary (de novo) gbm 91 TCGA-19-2625 2.088746 124 1 High risk mitreated primary (de novo) gbm 92 TCGA-19-2625 2.088746 124 1 High risk mitreated primary (de novo) gbm 93 TCGA-19-3060 1.090659 737 1 High risk mitreated primary (de novo) gbm 94 TCGA-19-5900 1.090659 55 1 High risk mitreated primary (de novo) gbm 95 TCGA-26-5132 2.293967 286 0 High risk mitreated primary (de novo) gbm 96 TCGA-26-5135 2.452491 270 1 High risk mitreated primary (de novo) gbm 101 TCGA-26-5136 2.658691 577 1 High risk mitreated primary (de novo) gbm 102 TCGA-27-1830 2.058673 154 <th></th> <th>Patient ID</th> <th>pi</th> <th>time</th> <th>status</th> <th>group</th> <th>histological_type</th>		Patient ID	pi	time	status	group	histological_type
TCGA-19-1787 3.490679 385 1 High risk untreated primary (de novo) gbm 1 TCGA-19-2624 4.950020 5 1 High risk untreated primary (de novo) gbm 2 TCGA-19-2625 2.088746 124 1 High risk untreated primary (de novo) gbm 3 TCGA-19-2626 1.965037 737 1 High risk untreated primary (de novo) gbm 4 TCGA-19-4065 2.950869 214 0 High risk untreated primary (de novo) gbm 5 TCGA-19-4065 2.293967 286 0 High risk untreated primary (de novo) gbm 7 TCGA-26-5134 3.044678 167 0 High risk untreated primary (de novo) gbm 100 TCGA-26-5135 2.452491 270 1 High risk untreated primary (de novo) gbm 101 TCGA-26-5136 2.658691 577 1 High risk untreated primary (de novo) gbm 102 TCGA-26-5138 2.058673 154 1 High risk untreated primary (de novo) gbm 103 TCGA-27-1830 2.058673 154 1 High risk untreated primary (de novo) gbm 104 TCGA-27-1832 3.094375 300 1 High risk untreated primary (de novo) gbm 105 TCGA-27-1832 3.094375 300 1 High risk untreated primary (de novo) gbm 107 TCGA-27-1837 3.191181 427 1 High risk untreated primary (de novo) gbm 108 TCGA-27-2521 1.605754 510 1 High risk untreated primary (de novo) gbm 110 TCGA-27-2523 2.754394 489 1 High risk untreated primary (de novo) gbm 111 TCGA-27-2526 1.400008 87 1 High risk untreated primary (de novo) gbm 112 TCGA-27-2526 1.400008 87 1 High risk untreated primary (de novo) gbm 113 TCGA-28-504 2.276927 145 0 High risk untreated primary (de novo) gbm 116 TCGA-28-513 1.718592 222 0 High risk untreated primary (de novo) gbm 117 TCGA-28-5208 2.500716 544 1 High risk untreated primary (de novo) gbm 118 TCGA-28-5208 2.500716 544 1 High risk untreated primary (de novo) gbm 122 TCGA-28-5213 2.639257 951 0 High risk untreated primary (de novo) gbm 133 TCGA-32-1970 2.078756 468 1 Hi	0.0						
TCGA-19-2619						~	
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TCGA-19-2625 2.088746 124 1 High risk untreated primary (de novo) gbm or TCGA-19-2629 1.965037 737 1 High risk untreated primary (de novo) gbm or TCGA-19-9606 1.697659 455 1 High risk untreated primary (de novo) gbm or TCGA-19-9606 1.697659 455 1 High risk untreated primary (de novo) gbm or TCGA-26-5131 2.293967 286 0 High risk untreated primary (de novo) gbm or TCGA-26-5134 3.044678 167 0 High risk untreated primary (de novo) gbm or TCGA-26-5135 2.452491 270 1 High risk untreated primary (de novo) gbm or TCGA-26-5136 2.658691 577 1 High risk untreated primary (de novo) gbm or TCGA-26-5139 1.443878 48 0 High risk untreated primary (de novo) gbm or TCGA-26-139 1.2816471 505 1 High risk untreated primary (de novo) gbm or TCGA-27-1830 2.058673 154 1 High risk untreated primary (de novo) gbm or TCGA-27-1833 3.094375 300 1 High risk untreated primary (de novo) gbm or TCGA-27-1835 1.384178 648 1 High risk untreated primary (de novo) gbm or TCGA-27-1835 1.384178 648 1 High risk untreated primary (de novo) gbm or TCGA-27-2521 1.605754 510 1 High risk untreated primary (de novo) gbm or TCGA-27-2521 1.605754 510 1 High risk untreated primary (de novo) gbm or TCGA-27-2524 3.417312 231 1 High risk untreated primary (de novo) gbm or TCGA-27-2528 2.520154 480 1 High risk untreated primary (de novo) gbm or TCGA-27-2528 2.520154 480 1 High risk untreated primary (de novo) gbm or TCGA-28-2509 2.276927 145 0 High risk untreated primary (de novo) gbm or TCGA-28-2509 2.276927 145 0 High risk untreated primary (de novo) gbm or TCGA-28-2509 2.26927 951 0 High risk untreated primary (de novo) gbm or TCGA-28-2518 3.426236 157 1 High risk untreated primary (de novo) gbm or TCGA-28-2518 3.426236 157 1 High risk untreated primary (de novo) gbm or TCGA-28-2518 3.426236 157 1 High risk untreated primary (de novo) gbm or TCGA-28-2518 3.426236 157 1 High risk untreated primary (de novo) gbm or TCGA-28-2518 3.426236 157 1 High risk untreated primary (de novo) gbm or TCGA-32-1980 1.705174 36 1 High risk untreated primary (de novo) gbm or TCGA-						-	- " (, , , ,
93 TCGA-19-2629							- * * * * * * * * * * * * * * * * * * *
94 TCGA-19-4065						-	- * * * * * * * * * * * * * * * * * * *
95 TCGA-19-5960 1.697659 455 1 High risk untreated primary (de novo) gbm 97 TCGA-26-5132 2.293967 286 0 High risk untreated primary (de novo) gbm 100 TCGA-26-5135 2.452491 270 1 High risk untreated primary (de novo) gbm 101 TCGA-26-5136 2.658691 577 1 High risk untreated primary (de novo) gbm 102 TCGA-26-5138 2.452491 270 1 High risk untreated primary (de novo) gbm 101 TCGA-26-5136 2.658691 577 1 High risk untreated primary (de novo) gbm 103 TCGA-27-1830 2.658691 577 1 High risk untreated primary (de novo) gbm 104 TCGA-27-1831 2.816471 505 1 High risk untreated primary (de novo) gbm 107 TCGA-27-1832 3.994375 300 1 High risk untreated primary (de novo) gbm 108 TCGA-27-1837 3.191181 427 1 High risk untreated primary (de novo) gbm 109 TCGA-27-251 1.606754						~	
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99 TCGA-26-5134							- " () -
100 TCGA-26-5135 2.452491 270						0	
101 TCGA-26-5136 2.658691 577						-	
102 TCGA-26-5139 1.443878 48 0 High risk untreated primary (de novo) gbm 103 TCGA-27-1830 2.058673 154 1 High risk untreated primary (de novo) gbm 104 TCGA-27-1832 2.816471 505 1 High risk untreated primary (de novo) gbm 105 TCGA-27-1835 3.094375 300 1 High risk untreated primary (de novo) gbm 107 TCGA-27-1835 1.384178 648 1 High risk untreated primary (de novo) gbm 109 TCGA-27-1837 3.191181 427 1 High risk untreated primary (de novo) gbm 109 TCGA-27-2512 1.606754 510 1 High risk untreated primary (de novo) gbm 110 TCGA-27-2523 2.754394 489 1 High risk untreated primary (de novo) gbm 111 TCGA-27-2524 3.417312 231 1 High risk untreated primary (de novo) gbm 112 TCGA-27-2526 1.400008 87 1 High risk untreated primary (de novo) gbm 113 TCGA-27-2526 1.400008 87 1 High risk untreated primary (de novo) gbm 116 TCGA-28-1747 1.939727 77						-	
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105 TCGA-27-1832 3.094375 300 1 High risk untreated primary (de novo) gbm 107 TCGA-27-1835 1.384178 648 1 High risk untreated primary (de novo) gbm 108 TCGA-27-1837 3.191181 427 1 High risk untreated primary (de novo) gbm 109 TCGA-27-2521 1.605754 510 1 High risk untreated primary (de novo) gbm 110 TCGA-27-2523 2.754394 489 1 High risk untreated primary (de novo) gbm 112 TCGA-27-2526 1.400008 87 1 High risk untreated primary (de novo) gbm 113 TCGA-27-2528 2.520154 480 1 High risk untreated primary (de novo) gbm 114 TCGA-28-1747 1.939727 7 1 High risk untreated primary (de novo) gbm 116 TCGA-28-1753 3.471694 37 0 High risk untreated primary (de novo) gbm 116 TCGA-28-2513 1.718592 222 0 High risk untreated primary (de novo) gbm 118 TCGA-28-2514 1.863484						-	
107 TCGA-27-1835 1.384178 648 1 High risk untreated primary (de novo) gbm 108 TCGA-27-1837 3.191181 427 1 High risk untreated primary (de novo) gbm 109 TCGA-27-2519 1.991009 550 1 High risk untreated primary (de novo) gbm 110 TCGA-27-2521 1.605754 510 1 High risk untreated primary (de novo) gbm 111 TCGA-27-2523 2.754394 489 1 High risk untreated primary (de novo) gbm 112 TCGA-27-2526 1.400008 87 1 High risk untreated primary (de novo) gbm 113 TCGA-27-2528 2.520154 480 1 High risk untreated primary (de novo) gbm 115 TCGA-28-1737 3.471694 37 0 High risk untreated primary (de novo) gbm 116 TCGA-28-1753 3.471694 37 0 High risk untreated primary (de novo) gbm 116 TCGA-28-1753 3.471694 37 0 High risk untreated primary (de novo) gbm 116 TCGA-28-2513 1.718592						-	
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116 TCGA-28-1753 3.471694 37 0 High risk untreated primary (de novo) gbm 117 TCGA-28-2509 2.276927 145 0 High risk untreated primary (de novo) gbm 118 TCGA-28-2513 1.718592 222 0 High risk untreated primary (de novo) gbm 119 TCGA-28-2514 1.863484 160 0 High risk untreated primary (de novo) gbm 120 TCGA-28-5204 2.832587 454 1 High risk untreated primary (de novo) gbm 122 TCGA-28-5208 2.500716 544 1 High risk untreated primary (de novo) gbm 123 TCGA-28-5209 2.307403 442 0 High risk untreated primary (de novo) gbm 124 TCGA-28-5215 2.242272 335 1 High risk untreated primary (de novo) gbm 125 TCGA-28-5216 1.853533 415 0 High risk untreated primary (de novo) gbm 126 TCGA-32-5218 3.462326 157 1 <td< td=""><td>114</td><td></td><td>2.520154</td><td>480</td><td>1</td><td>-</td><td>untreated primary (de novo) gbm</td></td<>	114		2.520154	480	1	-	untreated primary (de novo) gbm
117 TCGA-28-2509 2.276927 145 0 High risk untreated primary (de novo) gbm 118 TCGA-28-2513 1.718592 222 0 High risk untreated primary (de novo) gbm 119 TCGA-28-2514 1.863484 160 0 High risk untreated primary (de novo) gbm 120 TCGA-28-5204 2.832587 454 1 High risk untreated primary (de novo) gbm 122 TCGA-28-5209 2.500716 544 1 High risk untreated primary (de novo) gbm 123 TCGA-28-5209 2.307403 442 0 High risk untreated primary (de novo) gbm 124 TCGA-28-5213 2.639257 951 0 High risk untreated primary (de novo) gbm 125 TCGA-28-5215 2.242272 335 1 High risk untreated primary (de novo) gbm 126 TCGA-28-5218 3.462326 157 1 High risk untreated primary (de novo) gbm 127 TCGA-32-5201 1.736244 388 1 <t< td=""><td>115</td><td></td><td>1.939727</td><td></td><td>1</td><td>-</td><td>untreated primary (de novo) gbm</td></t<>	115		1.939727		1	-	untreated primary (de novo) gbm
118 TCGA-28-2513 1.718592 222 0 High risk untreated primary (de novo) gbm 119 TCGA-28-2514 1.863484 160 0 High risk untreated primary (de novo) gbm 120 TCGA-28-5204 2.832587 454 1 High risk untreated primary (de novo) gbm 122 TCGA-28-5208 2.500716 544 1 High risk untreated primary (de novo) gbm 123 TCGA-28-5209 2.307403 442 0 High risk untreated primary (de novo) gbm 124 TCGA-28-5213 2.639257 951 0 High risk untreated primary (de novo) gbm 125 TCGA-28-5215 2.242272 335 1 High risk untreated primary (de novo) gbm 126 TCGA-28-5216 1.853533 415 0 High risk untreated primary (de novo) gbm 127 TCGA-28-5218 3.462326 157 1 High risk untreated primary (de novo) gbm 128 TCGA-32-1970 2.078756 468 1 <t< td=""><td>116</td><td></td><td>3.471694</td><td></td><td>0</td><td>-</td><td>untreated primary (de novo) gbm</td></t<>	116		3.471694		0	-	untreated primary (de novo) gbm
119 TCGA-28-2514 1.863484 160 0 High risk untreated primary (de novo) gbm 120 TCGA-28-5204 2.832587 454 1 High risk untreated primary (de novo) gbm 122 TCGA-28-5208 2.500716 544 1 High risk untreated primary (de novo) gbm 123 TCGA-28-5209 2.307403 442 0 High risk untreated primary (de novo) gbm 124 TCGA-28-5213 2.639257 951 0 High risk untreated primary (de novo) gbm 125 TCGA-28-5215 2.242272 335 1 High risk untreated primary (de novo) gbm 126 TCGA-28-5216 1.853533 415 0 High risk untreated primary (de novo) gbm 127 TCGA-28-5218 3.462326 157 1 High risk untreated primary (de novo) gbm 129 TCGA-32-1970 2.078756 468 1 High risk untreated primary (de novo) gbm 130 TCGA-32-1982 1.820399 142 1 <t< td=""><td>117</td><td></td><td>2.276927</td><td></td><td>0</td><td>-</td><td>untreated primary (de novo) gbm</td></t<>	117		2.276927		0	-	untreated primary (de novo) gbm
120 TCGA-28-5204 2.832587 454 1 High risk untreated primary (de novo) gbm 122 TCGA-28-5208 2.500716 544 1 High risk untreated primary (de novo) gbm 123 TCGA-28-5209 2.307403 442 0 High risk untreated primary (de novo) gbm 124 TCGA-28-5213 2.639257 951 0 High risk untreated primary (de novo) gbm 125 TCGA-28-5215 2.242272 335 1 High risk untreated primary (de novo) gbm 126 TCGA-28-5216 1.853533 415 0 High risk untreated primary (de novo) gbm 127 TCGA-28-5218 3.462326 157 1 High risk untreated primary (de novo) gbm 128 TCGA-32-1970 2.078756 468 1 High risk untreated primary (de novo) gbm 130 TCGA-32-1980 1.705174 36 1 High risk untreated primary (de novo) gbm 131 TCGA-32-2615 1.943294 485 1 <td< td=""><td>118</td><td></td><td>1.718592</td><td></td><td>0</td><td>-</td><td>untreated primary (de novo) gbm</td></td<>	118		1.718592		0	-	untreated primary (de novo) gbm
122 TCGA-28-5208 2.500716 544 1 High risk untreated primary (de novo) gbm 123 TCGA-28-5209 2.307403 442 0 High risk untreated primary (de novo) gbm 124 TCGA-28-5213 2.639257 951 0 High risk untreated primary (de novo) gbm 125 TCGA-28-5215 2.242272 335 1 High risk untreated primary (de novo) gbm 126 TCGA-28-5216 1.853533 415 0 High risk untreated primary (de novo) gbm 127 TCGA-28-5218 3.462326 157 1 High risk untreated primary (de novo) gbm 128 TCGA-28-5220 1.736244 388 1 High risk untreated primary (de novo) gbm 129 TCGA-32-1970 2.078756 468 1 High risk untreated primary (de novo) gbm 131 TCGA-32-1982 1.820399 142 1 High risk untreated primary (de novo) gbm 133 TCGA-32-2616 2.012531 224 1 <t< td=""><td>119</td><td>TCGA-28-2514</td><td>1.863484</td><td>160</td><td>0</td><td>High risk</td><td>untreated primary (de novo) gbm</td></t<>	119	TCGA-28-2514	1.863484	160	0	High risk	untreated primary (de novo) gbm
123 TCGA-28-5209 2.307403 442 0 High risk untreated primary (de novo) gbm 124 TCGA-28-5213 2.639257 951 0 High risk untreated primary (de novo) gbm 125 TCGA-28-5215 2.242272 335 1 High risk untreated primary (de novo) gbm 126 TCGA-28-5216 1.853533 415 0 High risk untreated primary (de novo) gbm 127 TCGA-28-5218 3.462326 157 1 High risk untreated primary (de novo) gbm 128 TCGA-28-5220 1.736244 388 1 High risk untreated primary (de novo) gbm 129 TCGA-32-1970 2.078756 468 1 High risk untreated primary (de novo) gbm 130 TCGA-32-1980 1.705174 36 1 High risk untreated primary (de novo) gbm 131 TCGA-32-1982 1.820399 142 1 High risk untreated primary (de novo) gbm 133 TCGA-32-2615 1.943294 485 1 High risk untreated primary (de novo) gbm 134 TCGA-32-2632 2.578369 <	120	TCGA-28-5204	2.832587	454	1	High risk	untreated primary (de novo) gbm
124 TCGA-28-5213 2.639257 951 0 High risk untreated primary (de novo) gbm 125 TCGA-28-5215 2.242272 335 1 High risk untreated primary (de novo) gbm 126 TCGA-28-5216 1.853533 415 0 High risk untreated primary (de novo) gbm 127 TCGA-28-5218 3.462326 157 1 High risk untreated primary (de novo) gbm 128 TCGA-28-5220 1.736244 388 1 High risk untreated primary (de novo) gbm 129 TCGA-32-1970 2.078756 468 1 High risk untreated primary (de novo) gbm 130 TCGA-32-1980 1.705174 36 1 High risk untreated primary (de novo) gbm 131 TCGA-32-1982 1.820399 142 1 High risk untreated primary (de novo) gbm 132 TCGA-32-2615 1.943294 485 1 High risk untreated primary (de novo) gbm 133 TCGA-32-2632 2.578369 269 1 <td< td=""><td>122</td><td>TCGA-28-5208</td><td>2.500716</td><td>544</td><td>1</td><td>High risk</td><td>untreated primary (de novo) gbm</td></td<>	122	TCGA-28-5208	2.500716	544	1	High risk	untreated primary (de novo) gbm
125 TCGA-28-5215 2.242272 335 1 High risk untreated primary (de novo) gbm 126 TCGA-28-5216 1.853533 415 0 High risk untreated primary (de novo) gbm 127 TCGA-28-5218 3.462326 157 1 High risk untreated primary (de novo) gbm 128 TCGA-28-5220 1.736244 388 1 High risk untreated primary (de novo) gbm 129 TCGA-32-1970 2.078756 468 1 High risk untreated primary (de novo) gbm 130 TCGA-32-1980 1.705174 36 1 High risk untreated primary (de novo) gbm 131 TCGA-32-1982 1.820399 142 1 High risk untreated primary (de novo) gbm 132 TCGA-32-2615 1.943294 485 1 High risk untreated primary (de novo) gbm 133 TCGA-32-2616 2.012531 224 1 High risk untreated primary (de novo) gbm 134 TCGA-32-2632 2.578369 269 1 <td< td=""><td>123</td><td>TCGA-28-5209</td><td>2.307403</td><td>442</td><td>0</td><td>High risk</td><td>untreated primary (de novo) gbm</td></td<>	123	TCGA-28-5209	2.307403	442	0	High risk	untreated primary (de novo) gbm
126 TCGA-28-5216 1.853533 415 0 High risk untreated primary (de novo) gbm 127 TCGA-28-5218 3.462326 157 1 High risk untreated primary (de novo) gbm 128 TCGA-28-5220 1.736244 388 1 High risk untreated primary (de novo) gbm 129 TCGA-32-1970 2.078756 468 1 High risk untreated primary (de novo) gbm 130 TCGA-32-1980 1.705174 36 1 High risk untreated primary (de novo) gbm 131 TCGA-32-1982 1.820399 142 1 High risk untreated primary (de novo) gbm 132 TCGA-32-2615 1.943294 485 1 High risk untreated primary (de novo) gbm 133 TCGA-32-2616 2.012531 224 1 High risk untreated primary (de novo) gbm 134 TCGA-32-2632 2.578369 269 1 High risk untreated primary (de novo) gbm 135 TCGA-32-2634 1.975464 693 0 High risk untreated primary (de novo) gbm 136 TCGA-32-2638 1.666062 <	124	TCGA-28-5213	2.639257	951	0	High risk	untreated primary (de novo) gbm
127 TCGA-28-5218 3.462326 157 1 High risk untreated primary (de novo) gbm 128 TCGA-28-5220 1.736244 388 1 High risk untreated primary (de novo) gbm 129 TCGA-32-1970 2.078756 468 1 High risk untreated primary (de novo) gbm 130 TCGA-32-1980 1.705174 36 1 High risk untreated primary (de novo) gbm 131 TCGA-32-1982 1.820399 142 1 High risk untreated primary (de novo) gbm 132 TCGA-32-2615 1.943294 485 1 High risk untreated primary (de novo) gbm 133 TCGA-32-2616 2.012531 224 1 High risk untreated primary (de novo) gbm 134 TCGA-32-2632 2.578369 269 1 High risk untreated primary (de novo) gbm 135 TCGA-32-2634 1.975464 693 0 High risk untreated primary (de novo) gbm 136 TCGA-32-2638 1.666062 766 1 <td< td=""><td>125</td><td>TCGA-28-5215</td><td>2.242272</td><td>335</td><td>1</td><td>High risk</td><td>untreated primary (de novo) gbm</td></td<>	125	TCGA-28-5215	2.242272	335	1	High risk	untreated primary (de novo) gbm
128 TCGA-28-5220 1.736244 388 1 High risk untreated primary (de novo) gbm 129 TCGA-32-1970 2.078756 468 1 High risk untreated primary (de novo) gbm 130 TCGA-32-1980 1.705174 36 1 High risk untreated primary (de novo) gbm 131 TCGA-32-1982 1.820399 142 1 High risk untreated primary (de novo) gbm 132 TCGA-32-2615 1.943294 485 1 High risk untreated primary (de novo) gbm 133 TCGA-32-2616 2.012531 224 1 High risk untreated primary (de novo) gbm 134 TCGA-32-2632 2.578369 269 1 High risk untreated primary (de novo) gbm 135 TCGA-32-2634 1.975464 693 0 High risk untreated primary (de novo) gbm 136 TCGA-32-2638 1.666062 766 1 High risk untreated primary (de novo) gbm 137 TCGA-32-5222 1.670578 585 1 <td< td=""><td>126</td><td>TCGA-28-5216</td><td>1.853533</td><td>415</td><td>0</td><td>High risk</td><td>untreated primary (de novo) gbm</td></td<>	126	TCGA-28-5216	1.853533	415	0	High risk	untreated primary (de novo) gbm
129 TCGA-32-1970 2.078756 468 1 High risk untreated primary (de novo) gbm 130 TCGA-32-1980 1.705174 36 1 High risk untreated primary (de novo) gbm 131 TCGA-32-1982 1.820399 142 1 High risk untreated primary (de novo) gbm 132 TCGA-32-2615 1.943294 485 1 High risk untreated primary (de novo) gbm 133 TCGA-32-2616 2.012531 224 1 High risk untreated primary (de novo) gbm 134 TCGA-32-2632 2.578369 269 1 High risk untreated primary (de novo) gbm 135 TCGA-32-2634 1.975464 693 0 High risk untreated primary (de novo) gbm 136 TCGA-32-2638 1.666062 766 1 High risk untreated primary (de novo) gbm 137 TCGA-32-24213 2.992400 604 0 High risk untreated primary (de novo) gbm 138 TCGA-32-5222 1.670578 585 1 <t< td=""><td>127</td><td>TCGA-28-5218</td><td>3.462326</td><td>157</td><td>1</td><td>High risk</td><td>untreated primary (de novo) gbm</td></t<>	127	TCGA-28-5218	3.462326	157	1	High risk	untreated primary (de novo) gbm
130 TCGA-32-1980 1.705174 36 1 High risk untreated primary (de novo) gbm 131 TCGA-32-1982 1.820399 142 1 High risk untreated primary (de novo) gbm 132 TCGA-32-2615 1.943294 485 1 High risk untreated primary (de novo) gbm 133 TCGA-32-2616 2.012531 224 1 High risk untreated primary (de novo) gbm 134 TCGA-32-2632 2.578369 269 1 High risk untreated primary (de novo) gbm 135 TCGA-32-2634 1.975464 693 0 High risk untreated primary (de novo) gbm 136 TCGA-32-2638 1.666062 766 1 High risk untreated primary (de novo) gbm 137 TCGA-32-4213 2.992400 604 0 High risk untreated primary (de novo) gbm 138 TCGA-32-5222 1.670578 585 1 High risk untreated primary (de novo) gbm 140 TCGA-41-2571 2.322482 26 1	128	TCGA-28-5220	1.736244	388	1	High risk	untreated primary (de novo) gbm
131 TCGA-32-1982 1.820399 142 1 High risk untreated primary (de novo) gbm 132 TCGA-32-2615 1.943294 485 1 High risk untreated primary (de novo) gbm 133 TCGA-32-2616 2.012531 224 1 High risk untreated primary (de novo) gbm 134 TCGA-32-2632 2.578369 269 1 High risk untreated primary (de novo) gbm 135 TCGA-32-2634 1.975464 693 0 High risk untreated primary (de novo) gbm 136 TCGA-32-2638 1.666062 766 1 High risk untreated primary (de novo) gbm 137 TCGA-32-4213 2.992400 604 0 High risk untreated primary (de novo) gbm 138 TCGA-32-5222 1.670578 585 1 High risk untreated primary (de novo) gbm 139 TCGA-41-2571 2.322482 26 1 High risk untreated primary (de novo) gbm 140 TCGA-41-2572 1.988613 406 1 High risk untreated primary (de novo) gbm 141 TCGA-41-4097 1.424633 <	129	TCGA-32-1970	2.078756	468	1	High risk	untreated primary (de novo) gbm
132 TCGA-32-2615 1.943294 485 1 High risk untreated primary (de novo) gbm 133 TCGA-32-2616 2.012531 224 1 High risk untreated primary (de novo) gbm 134 TCGA-32-2632 2.578369 269 1 High risk untreated primary (de novo) gbm 135 TCGA-32-2634 1.975464 693 0 High risk untreated primary (de novo) gbm 136 TCGA-32-2638 1.666062 766 1 High risk untreated primary (de novo) gbm 137 TCGA-32-4213 2.992400 604 0 High risk untreated primary (de novo) gbm 138 TCGA-32-5222 1.670578 585 1 High risk untreated primary (de novo) gbm 139 TCGA-41-2571 2.322482 26 1 High risk untreated primary (de novo) gbm 140 TCGA-41-2572 1.988613 406 1 High risk untreated primary (de novo) gbm 141 TCGA-41-4097 1.424633 6 1 H	130	TCGA-32-1980	1.705174	36	1	High risk	untreated primary (de novo) gbm
133 TCGA-32-2616 2.012531 224 1 High risk untreated primary (de novo) gbm 134 TCGA-32-2632 2.578369 269 1 High risk untreated primary (de novo) gbm 135 TCGA-32-2634 1.975464 693 0 High risk untreated primary (de novo) gbm 136 TCGA-32-2638 1.666062 766 1 High risk untreated primary (de novo) gbm 137 TCGA-32-4213 2.992400 604 0 High risk untreated primary (de novo) gbm 138 TCGA-32-5222 1.670578 585 1 High risk untreated primary (de novo) gbm 139 TCGA-41-2571 2.322482 26 1 High risk untreated primary (de novo) gbm 140 TCGA-41-2572 1.988613 406 1 High risk untreated primary (de novo) gbm 141 TCGA-41-3915 1.692998 360 1 High risk untreated primary (de novo) gbm 142 TCGA-41-4097 1.424633 6 1 H	131	TCGA-32-1982	1.820399	142	1	High risk	untreated primary (de novo) gbm
134 TCGA-32-2632 2.578369 269 1 High risk untreated primary (de novo) gbm 135 TCGA-32-2634 1.975464 693 0 High risk untreated primary (de novo) gbm 136 TCGA-32-2638 1.666062 766 1 High risk untreated primary (de novo) gbm 137 TCGA-32-4213 2.992400 604 0 High risk untreated primary (de novo) gbm 138 TCGA-32-5222 1.670578 585 1 High risk untreated primary (de novo) gbm 139 TCGA-41-2571 2.322482 26 1 High risk untreated primary (de novo) gbm 140 TCGA-41-2572 1.988613 406 1 High risk untreated primary (de novo) gbm 141 TCGA-41-3915 1.692998 360 1 High risk untreated primary (de novo) gbm 142 TCGA-41-4097 1.424633 6 1 High risk untreated primary (de novo) gbm	132	TCGA-32-2615	1.943294	485	1	High risk	untreated primary (de novo) gbm
135 TCGA-32-2634 1.975464 693 0 High risk untreated primary (de novo) gbm 136 TCGA-32-2638 1.666062 766 1 High risk untreated primary (de novo) gbm 137 TCGA-32-4213 2.992400 604 0 High risk untreated primary (de novo) gbm 138 TCGA-32-5222 1.670578 585 1 High risk untreated primary (de novo) gbm 139 TCGA-41-2571 2.322482 26 1 High risk untreated primary (de novo) gbm 140 TCGA-41-2572 1.988613 406 1 High risk untreated primary (de novo) gbm 141 TCGA-41-3915 1.692998 360 1 High risk untreated primary (de novo) gbm 142 TCGA-41-4097 1.424633 6 1 High risk untreated primary (de novo) gbm	133	TCGA-32-2616	2.012531	224	1	High risk	untreated primary (de novo) gbm
136 TCGA-32-2638 1.666062 766 1 High risk untreated primary (de novo) gbm 137 TCGA-32-4213 2.992400 604 0 High risk untreated primary (de novo) gbm 138 TCGA-32-5222 1.670578 585 1 High risk untreated primary (de novo) gbm 139 TCGA-41-2571 2.322482 26 1 High risk untreated primary (de novo) gbm 140 TCGA-41-2572 1.988613 406 1 High risk untreated primary (de novo) gbm 141 TCGA-41-3915 1.692998 360 1 High risk untreated primary (de novo) gbm 142 TCGA-41-4097 1.424633 6 1 High risk untreated primary (de novo) gbm	134	TCGA-32-2632	2.578369	269	1	High risk	untreated primary (de novo) gbm
137 TCGA-32-4213 2.992400 604 0 High risk untreated primary (de novo) gbm 138 TCGA-32-5222 1.670578 585 1 High risk untreated primary (de novo) gbm 139 TCGA-41-2571 2.322482 26 1 High risk untreated primary (de novo) gbm 140 TCGA-41-2572 1.988613 406 1 High risk untreated primary (de novo) gbm 141 TCGA-41-3915 1.692998 360 1 High risk untreated primary (de novo) gbm 142 TCGA-41-4097 1.424633 6 1 High risk untreated primary (de novo) gbm	135	TCGA-32-2634	1.975464	693	0	High risk	untreated primary (de novo) gbm
137 TCGA-32-4213 2.992400 604 0 High risk untreated primary (de novo) gbm 138 TCGA-32-5222 1.670578 585 1 High risk untreated primary (de novo) gbm 139 TCGA-41-2571 2.322482 26 1 High risk untreated primary (de novo) gbm 140 TCGA-41-2572 1.988613 406 1 High risk untreated primary (de novo) gbm 141 TCGA-41-3915 1.692998 360 1 High risk untreated primary (de novo) gbm 142 TCGA-41-4097 1.424633 6 1 High risk untreated primary (de novo) gbm	136	TCGA-32-2638	1.666062	766	1	High risk	untreated primary (de novo) gbm
138 TCGA-32-5222 1.670578 585 1 High risk untreated primary (de novo) gbm 139 TCGA-41-2571 2.322482 26 1 High risk untreated primary (de novo) gbm 140 TCGA-41-2572 1.988613 406 1 High risk untreated primary (de novo) gbm 141 TCGA-41-3915 1.692998 360 1 High risk untreated primary (de novo) gbm 142 TCGA-41-4097 1.424633 6 1 High risk untreated primary (de novo) gbm	137	TCGA-32-4213	2.992400	604	0	High risk	untreated primary (de novo) gbm
140 TCGA-41-2572 1.988613 406 1 High risk untreated primary (de novo) gbm 141 TCGA-41-3915 1.692998 360 1 High risk untreated primary (de novo) gbm 142 TCGA-41-4097 1.424633 6 1 High risk untreated primary (de novo) gbm	138	TCGA-32-5222	1.670578	585	1	High risk	untreated primary (de novo) gbm
140 TCGA-41-2572 1.988613 406 1 High risk untreated primary (de novo) gbm 141 TCGA-41-3915 1.692998 360 1 High risk untreated primary (de novo) gbm 142 TCGA-41-4097 1.424633 6 1 High risk untreated primary (de novo) gbm	139	TCGA-41-2571	2.322482		1	-	untreated primary (de novo) gbm
141 TCGA-41-3915 1.692998 360 1 High risk untreated primary (de novo) gbm 142 TCGA-41-4097 1.424633 6 1 High risk untreated primary (de novo) gbm	140	TCGA-41-2572	1.988613	406	1	_	untreated primary (de novo) gbm
142 TCGA-41-4097 1.424633 6 1 High risk untreated primary (de novo) gbm	141	TCGA-41-3915			1	~	untreated primary (de novo) gbm
- , , , , ,	142	TCGA-41-4097	1.424633	6	1	High risk	untreated primary (de novo) gbm
	143	TCGA-41-5651	2.328599	460	1	High risk	untreated primary (de novo) gbm

	Patient_ID	pi	time	status	group	histological_type
144	TCGA-76-4925	4.557029	146	1	High risk	untreated primary (de novo) gbm
145	TCGA-76-4926	1.753832	138	1	High risk	untreated primary (de novo) gbm
146	TCGA-76-4927	2.580343	535	1	High risk	untreated primary (de novo) gbm
147	TCGA-76-4928	2.990885	94	1	High risk	untreated primary (de novo) gbm
149	TCGA-76-4931	2.181177	279	1	High risk	untreated primary (de novo) gbm
205	TCGA-DH-A669	2.323080	919	1	High risk	oligodendroglioma
215	TCGA-DU-5847	1.732050	548	0	High risk	astrocytoma
234	TCGA-DU-6402	1.900865	214	1	High risk	astrocytoma
240	TCGA-DU-7006	1.571227	349	1	High risk	astrocytoma
247	TCGA-DU-7013	1.843013	269	1	High risk	astrocytoma
266	TCGA-DU-8165	2.421752	582	0	High risk	oligodendroglioma
283	TCGA-DU-A76L	1.815002	814	1	High risk	oligodendroglioma
293	TCGA-DU-A7TJ	2.276546	17	0	High risk	astrocytoma
296	TCGA-E1-5304	1.964110	1251	1	High risk	astrocytoma
303	TCGA-E1-A7YD	2.886656	435	1	High risk	astrocytoma
304	TCGA-E1-A7YE	1.589591	886	1	High risk	astrocytoma
306	TCGA-E1-A7YI	2.478641	111	1	High risk	astrocytoma
309	TCGA-E1-A7YL	2.245576	492	1	High risk	astrocytoma
311	TCGA-E1-A7YN	2.208386	727	1	High risk	astrocytoma
313	TCGA-E1-A7YQ	2.568382	1578	1	High risk	oligodendroglioma
316	TCGA-E1-A7YV	2.189379	987	1	High risk	oligoastrocytoma
360	TCGA-FG-A87N	1.455791	567	0	High risk	astrocytoma
362	TCGA-FN-7833	1.743864	837	0	High risk	oligoastrocytoma
386	TCGA-HT-7606	1.674795	526	0	High risk	astrocytoma
412	TCGA-HT-7857	1.750344	7	0	High risk	astrocytoma
422	TCGA-HT-7882	1.552060	113	1	High risk	oligodendroglioma
426	TCGA-HT-8011	3.395265	494	0	High risk	astrocytoma
432	TCGA-HT-8104	1.482226	372	0	High risk	astrocytoma
434	TCGA-HT-8106	2.724589	3	0	High risk	astrocytoma
438	TCGA-HT-8110	2.085844	419	0	High risk	astrocytoma
443	TCGA-HT-8563	1.471717	860	0	High risk	astrocytoma
450	TCGA-HT-A5RA	2.110485	832	0	High risk	astrocytoma
460	TCGA-HT-A61B	1.432913	533	0	High risk	astrocytoma
461	TCGA-HT-A61C	2.488465	537	1	High risk	oligodendroglioma
485	TCGA-KT-A7W1	2.176225	438	0	High risk	astrocytoma
555	TCGA-S9-A6UA	1.877322	178	1	High risk	astrocytoma
569	TCGA-S9-A7IS	1.806191	241	1	High risk	astrocytoma
573	TCGA-S9-A7J0	2.851919	609	0	High risk	oligodendroglioma
634	TCGA-VW-A8FI	2.179672	245	1	High risk	astrocytoma