

**Calculation of TMB for 529 EC patients**

id	TMB
TCGA-D1-A1O8-01A-11D-A14G-09	2.5
TCGA-AX-A1CI-01A-11D-A135-09	2.157895
TCGA-AJ-A5DW-01A-11D-A27P-09	138.7368
TCGA-BG-A0YU-01A-21D-A10M-09	0.789474
TCGA-B5-A0K0-01A-11W-A062-09	0.578947
TCGA-BG-A3EW-01A-11D-A228-09	27.10526
TCGA-EY-A1GF-01A-11D-A13L-09	22.39474
TCGA-EO-A22S-01A-11D-A18P-09	40.65789
TCGA-B5-A0JX-01A-21D-A14K-09	2.631579
TCGA-AX-A06J-01A-11W-A027-09	1.947368
TCGA-AP-A0LI-01A-11W-A062-09	3.078947
TCGA-BS-A0V6-01A-11D-A122-09	1.736842
TCGA-BG-A221-01A-21D-A159-09	53.07895
TCGA-AX-A2H7-01A-12D-A18P-09	3.552632
TCGA-A5-A0GE-01A-11W-A062-09	0.842105
TCGA-D1-A3DG-01A-11D-A19Y-09	4.5
TCGA-EO-A3AZ-01A-12D-A19Y-09	47.60526
TCGA-E6-A8L9-01A-21D-A37N-09	2.131579
TCGA-D1-A17Q-01A-11D-A12J-09	203.4474
TCGA-AJ-A3QS-01A-11D-A228-09	8.631579
TCGA-5B-A90C-01A-11D-A37N-09	2.105263
TCGA-AP-A0LJ-01A-11W-A062-09	1.315789
TCGA-A5-A1OK-01A-11D-A14K-09	1.815789
TCGA-AJ-A3OL-01A-11D-A228-09	18.07895
TCGA-EO-A22Y-01A-11D-A17W-09	2.026316
TCGA-BK-A0C9-01A-11W-A027-09	17
TCGA-AX-A1CF-01A-11D-A135-09	4.315789
TCGA-D1-A163-01A-11D-A12J-09	23.13158
TCGA-AX-A05W-01A-21W-A027-09	1.842105
TCGA-D1-A176-01A-11D-A12J-09	14.18421
TCGA-BS-A0UM-01A-11W-A10C-09	14.34211
TCGA-AX-A05Y-01A-11W-A027-09	6.105263
TCGA-QS-A5YQ-01A-11D-A31U-09	41.78947
TCGA-B5-A0JT-01A-21D-A122-09	1.631579
TCGA-QS-A744-01A-11D-A34Q-09	2.552632
TCGA-AX-A0J1-01A-11W-A062-09	172.1842
TCGA-AP-A1DH-01A-31D-A135-09	32.15789
TCGA-BS-A0UT-01A-11D-A10B-09	1.184211
TCGA-EY-A1GL-01A-11D-A13L-09	1.868421

TCGA-B5-A0K2-01A-12W-A10C-09	10.47368
TCGA-FI-A3PV-01A-11D-A228-09	2.631579
TCGA-BG-A0VT-01A-11D-A10M-09	0.973684
TCGA-D1-A169-01A-11D-A12J-09	1.526316
TCGA-D1-A0ZQ-01A-11D-A122-09	2.921053
TCGA-AJ-A3EL-01A-11D-A20S-09	339.8158
TCGA-EO-A22R-01A-11D-A18P-09	585.4737
TCGA-AX-A1C5-01A-11D-A135-09	42.57895
TCGA-AX-A2H2-01A-11D-A17W-09	6.447368
TCGA-D1-A1O5-01A-11D-A14G-09	2.210526
TCGA-D1-A167-01A-11D-A12J-09	60
TCGA-BK-A13C-01A-11D-A122-09	1.526316
TCGA-A5-A0VP-01A-21D-A10B-09	48.55263
TCGA-BG-A0YV-01A-11D-A10M-09	2.684211
TCGA-AX-A064-01A-11W-A027-09	10.07895
TCGA-BG-A0MS-01A-11D-A10B-09	1.394737
TCGA-D1-A102-01A-11D-A10M-09	1.684211
TCGA-BG-A0M8-01A-12D-A10B-09	2.026316
TCGA-DI-A1NN-01A-11D-A16D-09	1.763158
TCGA-AP-A059-01A-21D-A122-09	382.5263
TCGA-AX-A1CE-01A-11D-A135-09	516.1316
TCGA-B5-A0JS-01A-11D-A10B-09	0.921053
TCGA-AX-A0J0-01A-11D-A117-09	276.1579
TCGA-EY-A3L3-01A-11D-A228-09	2.263158
TCGA-PG-A5BC-01A-12D-A27P-09	1.815789
TCGA-D1-A17U-01A-21D-A12J-09	13.84211
TCGA-A5-A0GJ-01A-11W-A062-09	2.263158
TCGA-AX-A3GB-01A-11D-A228-09	3.026316
TCGA-D1-A17S-01A-11D-A12J-09	1.5
TCGA-A5-A0GV-01A-31W-A062-09	1.526316
TCGA-BS-A0UJ-01A-12D-A10B-09	62
TCGA-D1-A177-01A-21D-A12J-09	30.44737
TCGA-D1-A16G-01A-31D-A12J-09	1.105263
TCGA-DF-A2KU-01A-11D-A17W-09	446.1579
TCGA-AP-A054-01A-11W-A062-09	41.84211
TCGA-AJ-A23O-01A-11D-A159-09	40.15789
TCGA-EY-A2OQ-01A-11D-A19Y-09	1.868421
TCGA-AX-A3FW-01A-11D-A228-09	2.236842
TCGA-DF-A2KR-01A-11D-A17W-09	3.394737
TCGA-B5-A11V-01A-11D-A10M-09	1.947368
TCGA-BG-A0LX-01A-11W-A062-09	18.60526

TCGA-BG-A0M0-01A-11W-A10C-09	5.605263
TCGA-AJ-A2QO-01A-11D-A18P-09	61.73684
TCGA-EY-A4KR-01A-11D-A27P-09	2.368421
TCGA-A5-A3LP-01A-11D-A228-09	2.157895
TCGA-EO-A2CG-01A-12D-A17W-09	1.447368
TCGA-AX-A06H-01A-11D-A122-09	16.31579
TCGA-EY-A1GV-01A-11D-A13L-09	1.184211
TCGA-BG-A0VZ-01A-11D-A10G-09	12.84211
TCGA-AJ-A3I9-01A-11D-A228-09	1.342105
TCGA-SL-A6JA-01A-11D-A31U-09	40.89474
TCGA-D1-A16E-01A-22D-A12J-09	2
TCGA-A5-A2K5-01A-11D-A17W-09	357.6579
TCGA-D1-A15W-01A-11D-A122-09	2.263158
TCGA-BG-A0M3-01A-11W-A10C-09	2.052632
TCGA-EC-A1QX-01A-31D-A16D-09	30.10526
TCGA-BS-A0UL-01A-11D-A10G-09	13.57895
TCGA-D1-A16S-01A-11D-A12J-09	1.657895
TCGA-FI-A2EU-01A-11D-A17D-09	1.657895
TCGA-B5-A1MS-01B-11D-A228-09	1.921053
TCGA-D1-A1NS-01A-11D-A14G-09	14.60526
TCGA-B5-A3F9-01A-21D-A228-09	1.815789
TCGA-EY-A2OM-01A-11D-A18P-09	38.92105
TCGA-B5-A11R-01A-11D-A122-09	23.76316
TCGA-D1-A0ZR-01A-21D-A10M-09	1.631579
TCGA-AX-A3FT-01A-11D-A228-09	62.02632
TCGA-AP-A0LF-01A-11D-A122-09	6.868421
TCGA-FI-A2D5-01A-11D-A17D-09	579.7895
TCGA-BS-A0U7-01A-21D-A10B-09	6.236842
TCGA-BG-A0W1-01A-12D-A10G-09	2.236842
TCGA-D1-A16R-01A-11D-A12J-09	1.342105
TCGA-BK-A26L-01A-11D-A272-09	2.789474
TCGA-B5-A5OE-01A-11D-A31U-09	2.684211
TCGA-EY-A1H0-01A-11D-A13L-09	24.36842
TCGA-AX-A2HJ-01A-11D-A17D-09	85.78947
TCGA-EO-A3KW-01A-11D-A228-09	1.842105
TCGA-DF-A2KZ-01A-11D-A20S-09	34.68421
TCGA-DF-A2KS-01A-11D-A18P-09	4.5
TCGA-AX-A1C8-01A-11D-A135-09	1.921053
TCGA-KJ-A3U4-01A-11D-A228-09	1.973684
TCGA-AX-A3G3-01A-11D-A20S-09	4.605263
TCGA-BS-A0V4-01A-11D-A14G-09	18.89474

TCGA-D1-A103-01A-11D-A10M-09	253.9211
TCGA-QF-A5YT-01A-11D-A31U-09	0.131579
TCGA-AX-A3G7-01A-12D-A20S-09	1.157895
TCGA-B5-A1MY-01A-11D-A142-09	1.342105
TCGA-EO-A3L0-01A-11D-A228-09	3.421053
TCGA-AP-A1E3-01A-11D-A135-09	1.394737
TCGA-B5-A0K8-01A-11D-A14K-09	1.342105
TCGA-EY-A1GW-01A-22D-A13L-09	2.184211
TCGA-BG-A0MO-01A-11W-A062-09	1.473684
TCGA-AP-A0LS-01A-11D-A14G-09	25.76316
TCGA-D1-A1NX-01A-11D-A16D-09	1.473684
TCGA-E6-A1LX-01A-11D-A14G-09	520
TCGA-B5-A0K4-01A-11W-A062-09	1.631579
TCGA-AJ-A8CT-01A-11D-A37N-09	28.60526
TCGA-A5-A2K4-01A-11D-A18P-09	1.184211
TCGA-D1-A3JP-01A-31D-A228-09	1.842105
TCGA-FI-A2F8-01A-12D-A17D-09	2.078947
TCGA-EY-A1GE-01A-11D-A13L-09	1.657895
TCGA-AX-A06F-01A-11W-A027-09	283.8947
TCGA-AP-A0L9-01A-11W-A062-09	2.105263
TCGA-EY-A1GX-01A-12D-A13L-09	3.394737
TCGA-EY-A1GR-01A-11D-A13L-09	2.210526
TCGA-A5-A10G-01A-11D-A14G-09	1.078947
TCGA-EC-A24G-01A-11D-A16D-09	50.5
TCGA-B5-A11Z-01A-11D-A10M-09	1.973684
TCGA-A5-A2K7-01A-11D-A17W-09	36.02632
TCGA-BS-A0U5-01A-11D-A10G-09	2
TCGA-BG-A18B-01A-11D-A12J-09	14.89474
TCGA-BG-A220-01A-11D-A159-09	42.76316
TCGA-AX-A2HH-01A-11D-A17D-09	1.710526
TCGA-BK-A56F-01A-32D-A27P-09	2.236842
TCGA-AJ-A23M-01A-11D-A159-09	3.184211
TCGA-D1-A17H-01A-11D-A12J-09	23.65789
TCGA-A5-A7WK-01A-11D-A34Q-09	3.157895
TCGA-D1-A101-01A-12D-A10M-09	10.42105
TCGA-BS-A0TE-01A-11D-A10B-09	10.73684
TCGA-D1-A17B-01A-22D-A12J-09	9.289474
TCGA-A5-A0GA-01A-11W-A062-09	11.71053
TCGA-EY-A3QX-01A-11D-A228-09	2.394737
TCGA-DI-A1BY-01A-21D-A135-09	2.447368
TCGA-A5-A0GH-01A-21W-A062-09	18.44737

TCGA-EO-A2CH-01A-11D-A17W-09	1.578947
TCGA-A5-A0R7-01A-31D-A10B-09	1.421053
TCGA-AX-A0IS-01A-12D-A10M-09	1.710526
TCGA-AX-A05T-01A-11W-A027-09	1.842105
TCGA-A5-A0GX-01A-11W-A062-09	0.894737
TCGA-BG-A0VV-01A-21D-A122-09	1.421053
TCGA-B5-A11O-01A-11D-A122-09	2.342105
TCGA-D1-A16X-01A-11D-A12J-09	69.68421
TCGA-B5-A1MU-01A-11D-A13L-09	0.157895
TCGA-BG-A0MA-01A-11D-A17D-09	1.736842
TCGA-B5-A11W-01A-12D-A122-09	2.315789
TCGA-E6-A1M0-01A-11D-A142-09	77.52632
TCGA-D1-A1NW-01A-11D-A14K-09	1.342105
TCGA-EY-A1GT-01A-11D-A13L-09	3.157895
TCGA-B5-A3FH-01A-11D-A19Y-09	1.868421
TCGA-D1-A1O0-01A-11D-A17D-09	2.526316
TCGA-AX-A3FX-01A-11D-A228-09	2.078947
TCGA-BK-A0CB-01A-32D-A10B-09	1.236842
TCGA-EY-A1GP-01A-11D-A13L-09	1.473684
TCGA-AP-A056-01A-11W-A027-09	300.9737
TCGA-AX-A063-01A-11W-A027-09	35.26316
TCGA-AP-A1DP-01A-11D-A135-09	27.97368
TCGA-B5-A11N-01A-11D-A122-09	61.07895
TCGA-AX-A3G1-01A-11D-A228-09	1.868421
TCGA-AJ-A3NF-01A-11D-A228-09	1.394737
TCGA-AX-A2HC-01A-11D-A17D-09	599.2368
TCGA-BS-A0UV-01A-11D-A10B-09	324.2105
TCGA-SL-A6J9-01A-11D-A31U-09	2.078947
TCGA-EY-A2ON-01A-21D-A18P-09	2.447368
TCGA-EY-A1GU-01A-11D-A13L-09	62.94737
TCGA-AP-A052-01A-11W-A027-09	0.921053
TCGA-AP-A1E0-01A-11D-A135-09	204.6053
TCGA-FI-A2D2-01A-11D-A17D-09	1.157895
TCGA-D1-A168-01A-31D-A12J-09	1.842105
TCGA-B5-A1MV-01A-31D-A14G-09	2.736842
TCGA-EY-A1G7-01A-11D-A13L-09	4.105263
TCGA-EY-A210-01A-11D-A159-09	1.763158
TCGA-D1-A16I-01A-11D-A12J-09	1.157895
TCGA-B5-A0JZ-01A-11W-A062-09	20.55263
TCGA-AX-A062-01A-11W-A027-09	0.894737
TCGA-BS-A0TD-01A-11D-A10B-09	1.105263

TCGA-B5-A3FC-01A-11D-A228-09	590.9737
TCGA-AP-A1DO-01A-11D-A135-09	35.73684
TCGA-EO-A1Y8-01A-11D-A159-09	1.710526
TCGA-DF-A2KN-01A-11D-A17W-09	197.1842
TCGA-JU-AAVI-01A-11D-A403-09	1.894737
TCGA-D1-A16N-01A-11D-A12J-09	4.236842
TCGA-D1-A0ZZ-01A-11D-A10M-09	2.105263
TCGA-B5-A0K6-01A-11W-A062-09	9.447368
TCGA-A5-A0R9-01A-11D-A10B-09	1.473684
TCGA-FI-A2D0-01A-11D-A17D-09	301.6842
TCGA-AP-A0LE-01A-11D-A127-09	20.92105
TCGA-A5-A0GU-01A-11W-A062-09	1.447368
TCGA-D1-A16O-01A-11D-A12J-09	1.105263
TCGA-BS-A0U8-01A-11D-A10B-09	16
TCGA-AP-A0LP-01A-12D-A10B-09	10.76316
TCGA-AP-A1E1-01A-11D-A135-09	25.97368
TCGA-B5-A3S1-01A-11D-A228-09	3.552632
TCGA-AP-A1E4-01A-12D-A135-09	1.315789
TCGA-EO-A3B1-01A-12D-A19Y-09	1.631579
TCGA-BG-A2L7-01A-11D-A18P-09	35.57895
TCGA-AX-A2HF-01A-11D-A17D-09	0.921053
TCGA-D1-A17K-01A-11D-A12J-09	1.710526
TCGA-D1-A0ZU-01A-11D-A10M-09	1.157895
TCGA-D1-A160-01A-11D-A122-09	18.81579
TCGA-BG-A0MU-01A-11D-A10B-09	2.236842
TCGA-D1-A165-01A-11D-A12J-09	1.947368
TCGA-AX-A1CC-01A-11D-A135-09	0.605263
TCGA-B5-A11E-01A-11D-A10M-09	332.7632
TCGA-EO-A1Y7-01A-11D-A159-09	2.131579
TCGA-D1-A0ZS-01A-11D-A122-09	16.39474
TCGA-A5-A1OF-01A-11D-A14G-09	457.0526
TCGA-KP-A3W4-01A-11D-A228-09	1.815789
TCGA-K6-A3WQ-01A-11D-A228-09	1.552632
TCGA-BG-A18C-01A-11D-A12J-09	1.526316
TCGA-A5-A3LO-01A-11D-A228-09	1.184211
TCGA-AJ-A3OJ-01A-11D-A228-09	49.44737
TCGA-A5-A2K2-01A-11D-A18P-09	4.342105
TCGA-PG-A916-01A-11D-A37N-09	1.947368
TCGA-EY-A2OP-01A-11D-A19Y-09	26.65789
TCGA-B5-A3FB-01A-11D-A19Y-09	2.289474
TCGA-B5-A11M-01A-11D-A122-09	1

TCGA-AP-A0LO-01A-11W-A062-09	0.947368
TCGA-D1-A16Y-01A-31D-A12J-09	37.39474
TCGA-FI-A2CY-01A-11D-A17D-09	1.315789
TCGA-BG-A0VX-01A-11D-A122-09	6.815789
TCGA-EY-A1GK-01A-11D-A13L-09	47.57895
TCGA-EO-A22U-01A-11D-A17W-09	645.4737
TCGA-AP-A1DM-01A-21D-A135-09	20.68421
TCGA-B5-A5OC-01A-21D-A27P-09	54.02632
TCGA-AP-A0LL-01A-12D-A127-09	1.552632
TCGA-EO-A22X-01A-11D-A17W-09	422.2105
TCGA-BG-A0MQ-01A-11D-A10B-09	23.10526
TCGA-AX-A2HA-01A-12D-A18P-09	85.71053
TCGA-AX-A0IW-01A-11W-A062-09	1.710526
TCGA-AJ-A3TW-01A-11D-A228-09	4.289474
TCGA-AX-A1CN-01A-11D-A135-09	1.078947
TCGA-AJ-A8CV-01A-11D-A37N-09	11.39474
TCGA-D1-A0ZN-01A-11D-A122-09	1.342105
TCGA-AP-A05D-01A-11W-A027-09	0.921053
TCGA-A5-A0GI-01A-11W-A062-09	10.39474
TCGA-AX-A2H5-01A-11D-A17D-09	1.605263
TCGA-EO-A1Y5-01A-11D-A159-09	2.052632
TCGA-AJ-A2QN-01A-11D-A18P-09	2.526316
TCGA-AJ-A3BK-01A-11D-A19Y-09	2.368421
TCGA-B5-A11I-01A-11D-A10M-09	1.605263
TCGA-AP-A0LN-01A-11W-A062-09	1.921053
TCGA-AP-A1DK-01A-11D-A135-09	470.8684
TCGA-D1-A16J-01A-11D-A12J-09	6.921053
TCGA-AP-A05A-01A-11W-A027-09	2.342105
TCGA-D1-A16D-01A-11D-A12J-09	1.394737
TCGA-AP-A1DR-01A-11D-A135-09	45.63158
TCGA-D1-A1NY-01A-11D-A16D-09	33.34211
TCGA-A5-A0G9-01A-11W-A062-09	9.605263
TCGA-A5-A0GN-01A-11W-A062-09	1.605263
TCGA-D1-A16Q-01A-12D-A12J-09	1.052632
TCGA-BG-A0W2-01A-11D-A117-09	1.184211
TCGA-FI-A2D6-01A-11D-A17D-09	38.97368
TCGA-A5-A0RA-01A-21D-A10B-09	2.368421
TCGA-AJ-A3OK-01A-12D-A228-09	27.55263
TCGA-AP-A0L8-01A-11W-A062-09	1.921053
TCGA-B5-A11G-01A-13D-A122-09	22.5
TCGA-BK-A4ZD-01A-11D-A27P-09	2.789474

TCGA-D1-A2G5-01A-11D-A17D-09	8.184211
TCGA-AP-A0LV-01A-11W-A062-09	0.815789
TCGA-FI-A2EY-01A-12D-A18P-09	3.973684
TCGA-AX-A06B-01A-11W-A027-09	1.184211
TCGA-AP-A0LT-01A-11W-A062-09	27.92105
TCGA-EY-A214-01A-12D-A159-09	1.973684
TCGA-B5-A11Q-01A-11D-A122-09	1.447368
TCGA-A5-A0GQ-01A-11D-A122-09	2.210526
TCGA-SJ-A6ZI-01A-12D-A34Q-09	64.31579
TCGA-B5-A3FD-01A-11D-A19Y-09	1.973684
TCGA-AP-A05J-01A-11W-A027-09	1.473684
TCGA-EO-A3AU-01A-21D-A19Y-09	39.18421
TCGA-AP-A0LM-01A-11D-A122-09	445.1842
TCGA-A5-AB3J-01A-11D-A403-09	1.526316
TCGA-EO-A3AV-01A-12D-A19Y-09	173.8158
TCGA-FI-A2CX-01A-11D-A17D-09	0.394737
TCGA-BK-A0CC-01A-21D-A272-09	2.263158
TCGA-KP-A3VZ-01A-11D-A228-09	3.684211
TCGA-KP-A3W1-01A-11D-A228-09	1.763158
TCGA-B5-A11F-01A-11D-A10M-09	1.736842
TCGA-AX-A3G4-01A-11D-A20S-09	1.631579
TCGA-EY-A1GQ-01A-21D-A13L-09	24.84211
TCGA-BS-A0VI-01A-11D-A14G-09	16.07895
TCGA-B5-A0K7-01A-11W-A10C-09	1.552632
TCGA-A5-A0GW-01A-11W-A062-09	13.28947
TCGA-A5-A10J-01A-11D-A14G-09	1.552632
TCGA-EY-A1GJ-01A-12D-A142-09	1.921053
TCGA-A5-A0G5-01A-11W-A062-09	3.973684
TCGA-AX-A1CJ-01A-11D-A135-09	2.289474
TCGA-AP-A1DV-01A-21D-A135-09	538.6842
TCGA-AX-A1C4-01A-11D-A135-09	51.02632
TCGA-A5-A0GB-01A-11W-A062-09	28.44737
TCGA-AW-A1PO-01A-12D-A159-09	3.236842
TCGA-AJ-A3EM-01A-11D-A20S-09	2.184211
TCGA-PG-A915-01A-11D-A37N-09	2.605263
TCGA-BG-A0RY-01A-11D-A10B-09	1.815789
TCGA-EY-A547-01A-11D-A27P-09	8.894737
TCGA-B5-A1N2-01A-21D-A142-09	3.921053
TCGA-BG-A0LW-01A-11W-A062-09	1.052632
TCGA-B5-A1MW-01A-11D-A17D-09	32.07895
TCGA-A5-A0GP-01A-11W-A062-09	50.13158



TCGA-DI-A1BU-01A-11D-A135-09	365.0526
TCGA-A5-A0R8-01A-11D-A10B-09	2.342105
TCGA-EY-A1G8-01A-11D-A13L-09	111.5789
TCGA-DI-A1C3-01A-41D-A135-09	0.973684
TCGA-FI-A2F4-01A-11D-A17D-09	96.84211
TCGA-AP-A0LG-01A-11W-A062-09	16.05263
TCGA-QS-A8F1-01A-21D-A37N-09	2.710526
TCGA-D1-A15Z-01A-11D-A122-09	2.5
TCGA-DF-A2L0-01A-11D-A17W-09	1.947368
TCGA-BK-A6W3-01A-12D-A34Q-09	169.8947
TCGA-AX-A06L-01A-11D-A122-09	1.289474
TCGA-DF-A2KV-01A-11D-A17W-09	56.68421
TCGA-AX-A05Z-01A-11W-A027-09	227.6053
TCGA-D1-A0ZO-01A-11D-A122-09	22.23684
TCGA-AJ-A3BF-01A-11D-A20S-09	1.263158
TCGA-D1-A17R-01A-11D-A12J-09	7
TCGA-KP-A3W3-01A-11D-A228-09	1.552632
TCGA-AJ-A23N-01A-11D-A228-09	1.684211
TCGA-BK-A139-01A-11D-A272-09	4.315789
TCGA-EY-A212-01A-11D-A14K-09	1.736842
TCGA-D1-A17D-01A-12D-A12J-09	18.28947
TCGA-EO-A3KU-01A-11D-A228-09	2.078947
TCGA-BS-A0TI-01A-11D-A10B-09	2.631579
TCGA-AX-A2H4-01A-21D-A18P-09	6.605263
TCGA-B5-A0KB-01B-11D-A14G-09	1.447368
TCGA-AJ-A2QK-01A-11D-A18P-09	2.447368
TCGA-EY-A1GI-01A-11D-A13L-09	200.2105
TCGA-A5-A0GM-01A-11W-A062-09	1.157895
TCGA-D1-A0ZP-01A-21D-A10M-09	1
TCGA-AJ-A2QL-01A-11D-A18P-09	1.789474
TCGA-D1-A1O7-01A-11D-A14G-09	13.34211
TCGA-KP-A3W0-01A-21D-A228-09	1.368421
TCGA-PG-A914-01A-11D-A37N-09	4.815789
TCGA-DI-A2QU-01A-11D-A18P-09	2.394737
TCGA-AP-A1DQ-01A-11D-A135-09	0.842105
TCGA-D1-A174-01A-11D-A12J-09	29.47368
TCGA-BS-A0TC-01A-11D-A10B-09	46.55263
TCGA-EO-A22T-01A-21D-A18P-09	47.94737
TCGA-AX-A05S-01A-11W-A027-09	20.60526
TCGA-AP-A053-01A-21W-A027-09	1.447368
TCGA-D1-A1NZ-01A-21D-A14G-09	38.34211

TCGA-B5-A0JU-01B-11D-A14G-09	28.31579
TCGA-BS-A0WQ-01A-21D-A10G-09	1.710526
TCGA-B5-A0JV-01A-11D-A10B-09	11.55263
TCGA-EO-A3AS-01A-11D-A19Y-09	6.289474
TCGA-A5-A7WJ-01A-12D-A34Q-09	27.94737
TCGA-AX-A1C7-01A-11D-A135-09	1.526316
TCGA-SJ-A6ZJ-01A-12D-A34Q-09	2.973684
TCGA-AJ-A2QM-01A-11D-A18P-09	6.315789
TCGA-AX-A2HG-01A-11D-A17D-09	44.15789
TCGA-AX-A3G8-01A-11D-A228-09	43.28947
TCGA-A5-A0R6-01A-11D-A10B-09	1.421053
TCGA-E6-A1LZ-01A-11D-A142-09	6.605263
TCGA-AX-A2HD-01A-21D-A17D-09	392.6316
TCGA-AP-A0LQ-01A-12D-A10B-09	1.736842
TCGA-D1-A3DH-01A-11D-A19Y-09	4.052632
TCGA-BG-A222-01A-11D-A159-09	213.8684
TCGA-D1-A2G0-01A-11D-A17D-09	48.31579
TCGA-D1-A16V-01A-11D-A12J-09	1.605263
TCGA-B5-A0K9-01A-21D-A100-09	28.68421
TCGA-D1-A3DA-01A-12D-A20S-09	3
TCGA-DI-A0WH-01A-12D-A12J-09	19.23684
TCGA-BG-A0M6-01A-31D-A10B-09	1.131579
TCGA-D1-A0ZV-01A-11D-A10M-09	1.394737
TCGA-FI-A2EX-01A-11D-A17D-09	1.684211
TCGA-AJ-A5DV-01A-11D-A27P-09	3.236842
TCGA-BG-A0M7-01A-11W-A062-09	1.710526
TCGA-E6-A2P8-01A-11D-A19Y-09	32.23684
TCGA-AX-A3G9-01A-11D-A228-09	41.07895
TCGA-EY-A215-01A-11D-A14K-09	220.9474
TCGA-EO-A3B0-01A-12D-A19Y-09	464.7105
TCGA-BS-A0T9-01A-11D-A12J-09	2.052632
TCGA-BS-A0UA-01A-11D-A122-09	12.65789
TCGA-BG-A187-01A-11D-A12J-09	3
TCGA-PG-A7D5-01A-11D-A34Q-09	1.605263
TCGA-BK-A6W4-01A-12D-A34Q-09	0.368421
TCGA-BK-A0CA-01A-21D-A272-09	2.210526
TCGA-EY-A72D-01A-12D-A34Q-09	2.105263
TCGA-H5-A2HR-01A-11D-A17W-09	1.736842
TCGA-BG-A0M9-01A-21W-A10C-09	1.868421
TCGA-EY-A1GC-01A-11D-A13L-09	1.5
TCGA-D1-A2G7-01A-21D-A17W-09	1.973684

TCGA-AP-A0LH-01A-11W-A062-09	1.236842
TCGA-AX-A2HK-01A-11D-A17D-09	2.368421
TCGA-BS-A0V8-01A-11D-A122-09	2.631579
TCGA-FI-A3PX-01A-11D-A228-09	3.236842
TCGA-EY-A1GM-01A-12D-A14G-09	1.421053
TCGA-AX-A1CA-01A-12D-A135-09	3.184211
TCGA-AP-A05N-01A-11W-A027-09	9.210526
TCGA-B5-A11X-01A-11D-A10M-09	2.078947
TCGA-AJ-A3BH-01A-11D-A19Y-09	124.0526
TCGA-EY-A1GO-01A-11D-A14G-09	13.39474
TCGA-AX-A2IO-01A-11D-A17W-09	15.21053
TCGA-AP-A0LD-01A-11W-A062-09	20.39474
TCGA-B5-A1MZ-01A-11D-A142-09	2.078947
TCGA-A5-A0G1-01A-11D-A122-09	348.8158
TCGA-EC-A1NJ-01A-31D-A14G-09	14.68421
TCGA-EO-A3KX-01A-11D-A228-09	151.9211
TCGA-2E-A9G8-01A-11D-A403-09	2.789474
TCGA-B5-A0K1-01A-11W-A062-09	1.789474
TCGA-D1-A16F-01A-11D-A12J-09	16.02632
TCGA-B5-A11U-01A-11D-A122-09	14.28947
TCGA-AX-A1CP-01A-11D-A135-09	0.868421
TCGA-B5-A0JN-01A-11D-A10B-09	3.631579
TCGA-B5-A0JR-01A-13W-A062-09	24.42105
TCGA-D1-A17C-01A-11D-A12J-09	1.657895
TCGA-A5-A0VQ-01A-11D-A10B-09	14.63158
TCGA-A5-A0G3-01A-11W-A062-09	1.052632
TCGA-EO-A3AY-01A-12D-A19Y-09	156.4474
TCGA-EY-A548-01A-11D-A27P-09	31.97368
TCGA-PG-A6IB-01A-21D-A31U-09	21.44737
TCGA-A5-A2K3-01A-11D-A17W-09	47.05263
TCGA-BS-A0TG-01A-32D-A10B-09	1.394737
TCGA-BG-A0M2-01A-11D-A10O-09	1.026316
TCGA-D1-A17L-01A-11D-A12J-09	1.973684
TCGA-BG-A0MK-01A-51D-A19Y-09	2.657895
TCGA-B5-A11P-01B-11D-A14G-09	2.131579
TCGA-D1-A2G6-01A-11D-A17D-09	3.236842
TCGA-AJ-A3BG-01A-11D-A19Y-09	68.18421
TCGA-FI-A2F9-01A-11D-A17D-09	1.789474
TCGA-D1-A17A-01A-11D-A12J-09	8.894737
TCGA-AJ-A3EJ-01A-11D-A19Y-09	2.210526
TCGA-D1-A15X-01A-11D-A122-09	57.26316

TCGA-AX-A3GI-01A-11D-A20S-09	1.947368
TCGA-AJ-A3IA-01A-11D-A20S-09	9.842105
TCGA-AJ-A6NU-01A-11D-A34Q-09	1.552632
TCGA-5S-A9Q8-01A-11D-A403-09	2.263158
TCGA-BG-A18A-01A-21D-A12J-09	2.078947
TCGA-BS-A0TA-01A-11D-A10B-09	13.21053
TCGA-B5-A0JY-01A-11D-A10B-09	358
TCGA-EY-A549-01A-11D-A27P-09	62.73684
TCGA-AX-A1CR-01A-12D-A135-09	2.026316
TCGA-AJ-A3EK-01A-11D-A19Y-09	248.6053
TCGA-AX-A1C9-01A-11D-A135-09	44.39474
TCGA-D1-A17M-01A-21D-A12J-09	14.92105
TCGA-PG-A917-01A-31D-A37N-09	39.89474
TCGA-AX-A3FV-01A-11D-A228-09	3.894737
TCGA-EY-A1GD-01A-11D-A13L-09	46.13158
TCGA-AJ-A3BI-01A-11D-A20S-09	1.447368
TCGA-BK-A13B-01A-51D-A228-09	37.21053
TCGA-AP-A05P-01A-11W-A062-09	1.105263
TCGA-AX-A2IN-01A-12D-A17W-09	27.73684
TCGA-E6-A2P9-01A-11D-A19Y-09	51.47368
TCGA-AX-A3G6-01A-11D-A20S-09	2.078947
TCGA-A5-A1OH-01A-21D-A228-09	4.447368
TCGA-B5-A3FA-01A-11D-A19Y-09	438.2632
TCGA-BG-A2AE-01A-11D-A16D-09	2.052632
TCGA-B5-A121-01A-31D-A122-09	1.131579
TCGA-AX-A3FZ-01A-11D-A228-09	1.605263
TCGA-DI-A2QT-01A-12D-A19Y-09	1.157895
TCGA-EY-A2OO-01A-11D-A19Y-09	2.263158
TCGA-EY-A5W2-01A-11D-A31U-09	42.18421
TCGA-B5-A5OD-01A-11D-A31U-09	1.684211
TCGA-AX-A3FS-01A-11D-A228-09	43.39474
TCGA-EY-A54A-01A-11D-A27P-09	3.131579
TCGA-A5-A0VO-01A-21D-A10G-09	2.342105
TCGA-BG-A0VW-01A-11D-A122-09	12.36842
TCGA-D1-A161-01A-11D-A122-09	2.868421
TCGA-D1-A16B-01A-11D-A12J-09	1.473684
TCGA-B5-A11J-01A-11D-A122-09	16.71053
TCGA-B5-A1MR-01A-31D-A14G-09	224.5263
TCGA-AP-A051-01A-21W-A027-09	291.8421
TCGA-AP-A5FX-01A-11D-A27P-09	1.605263
TCGA-FI-A2EW-01A-11D-A17D-09	3.315789

TCGA-B5-A11S-01A-11D-A122-09	1.736842
TCGA-DI-A1NO-01A-31D-A159-09	10.10526
TCGA-BS-A0TJ-01A-11D-A10B-09	27
TCGA-B5-A0K3-01A-11W-A062-09	1.447368
TCGA-BG-A0M4-01A-11W-A10C-09	18.07895
TCGA-FI-A2D4-01A-12D-A17D-09	22
TCGA-BG-A0MI-01A-11W-A062-09	1.973684
TCGA-AJ-A3NG-01A-11D-A228-09	2.894737
TCGA-BS-A0V7-01A-21D-A122-09	1.210526
TCGA-BS-A0UF-01A-11D-A10B-09	295.7368
TCGA-BG-A186-01A-11D-A12J-09	1.052632
TCGA-BG-A0MT-01A-11D-A10B-09	1.105263
TCGA-EY-A1GH-01A-11D-A13L-09	2.605263
TCGA-AX-A1CK-01A-11D-A135-09	2.657895
TCGA-D1-A17N-01A-11D-A12J-09	0.947368
TCGA-4E-A92E-01A-11D-A37N-09	6.842105
TCGA-AJ-A8CW-01A-11D-A37N-09	37.15789
TCGA-DI-A2QY-01A-12D-A19Y-09	3.184211
TCGA-AJ-A3BD-01A-11D-A19Y-09	2.552632
TCGA-B5-A11H-01A-11D-A122-09	41.39474
TCGA-D1-A15V-01A-11D-A122-09	1.473684
TCGA-D1-A17T-01A-11D-A12J-09	2.263158
TCGA-AX-A05U-01A-11W-A027-09	1
TCGA-QF-A5YS-01A-11D-A31U-09	69.36842
TCGA-B5-A11L-01B-21D-A13L-09	4.236842
TCGA-BG-A0MG-01A-21D-A10B-09	3.421053
TCGA-D1-A1NU-01A-11D-A14G-09	2.684211
TCGA-AX-A2H8-01A-11D-A17D-09	1.947368
TCGA-A5-A0G2-01A-11W-A062-09	978.1316
TCGA-BG-A0MC-01A-21W-A062-09	1.631579
TCGA-B5-A1MX-01A-11D-A142-09	264.8947
TCGA-AP-A05H-01A-11W-A027-09	2.078947
TCGA-D1-A3JQ-01A-11D-A228-09	1.210526
TCGA-QS-A5YR-01A-31D-A31U-09	12.63158
TCGA-AX-A0IU-01A-11D-A10B-09	1.815789
TCGA-D1-A17F-01A-11D-A12J-09	7.289474
TCGA-B5-A11Y-01A-21D-A10M-09	34.44737
TCGA-BG-A3PP-01A-11D-A228-09	2.131579
TCGA-EY-A1GS-01A-11D-A13L-09	8.578947