

Figure 1

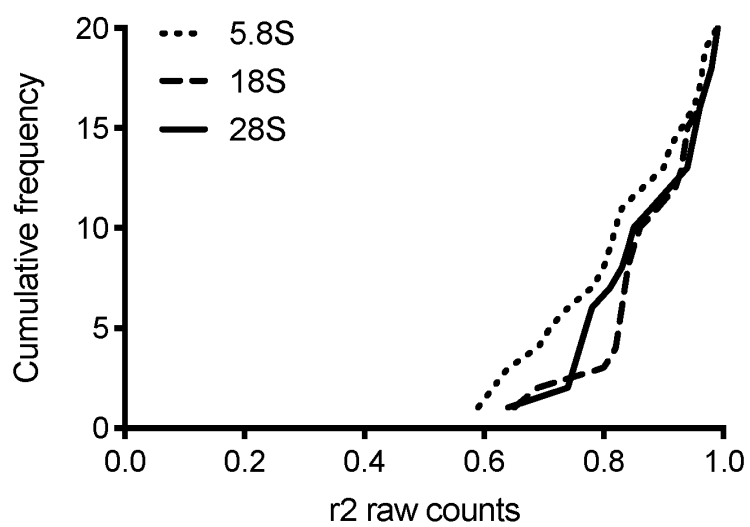


Figure 2a

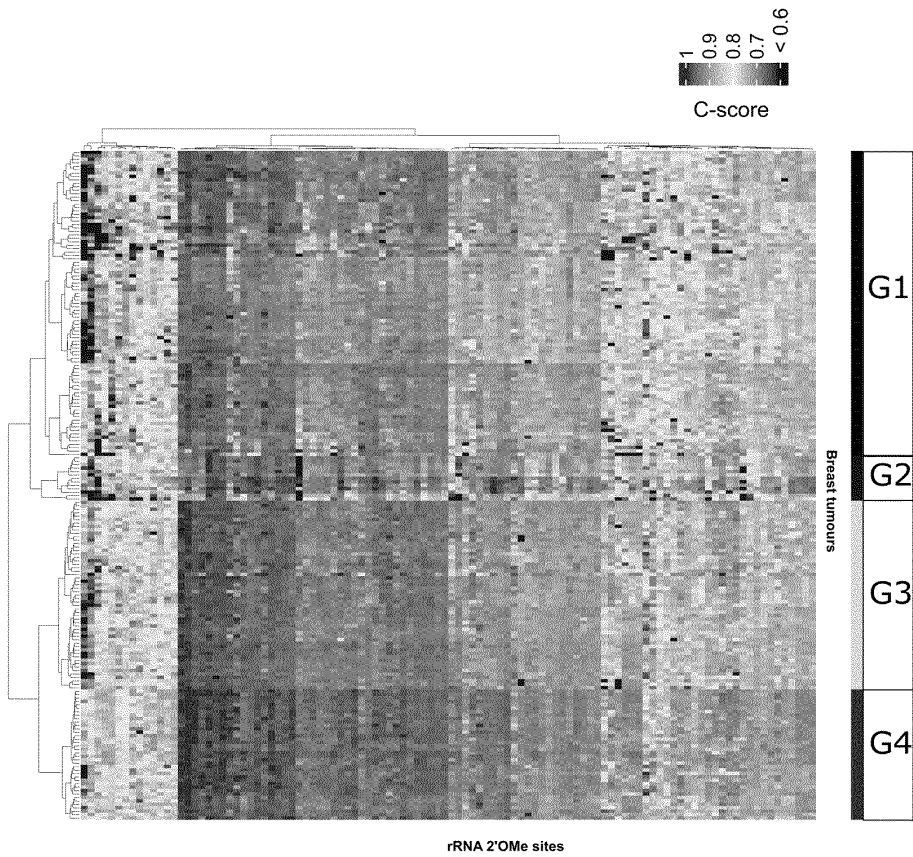


Figure 2b

RNA 2'OMe sites of figure 2a from left to right X axis
18S-Gm1447
18S-Cm797
28S-Am1313
18S-Am512
28S-Am3739
18S-Gm436
28S-Cm3680
28S-Gm4588
28S-Gm4607
28S-Psi-Um3797
18S-Am468
18S-Cm1272
28S-Am4541
5.8S-Um14
28S-Cm2791
28S-Gm2351
28S-Am4493
28S-Gm4469
28S-Gm3771
28S-Am3703
28S-Am1521
28S-Cm4426
18S-Am27
28S-Cm4506
28S-Gm1612
18S-Gm1490
28S-Am4560
28S-Gm4198
18S-Cm1703
28S-Um4276
18S-Am159
28S-Cm2352
18S-Gm601
18S-Am99
18S-Um1804
18S-Cm517
28S-Am1858
28S-Gm2411
28S-Cm3848
28S-Gm4362
18S-Gm644
18S-Gm683

Figure 2b continued

RNA 2'OMe sites of figure 2a from left to right X axis
18S-Um1442
28S-Am2388
28S-Um4468
18S-Cm462
28S-Cm2338
28S-Am3809
28S-Am3804
18S-Am166
28S-Gm3878
18S-Psi-Um1326
28S-Gm1747
18S-Am484
28S-Am2350
18S-Cm174
28S-Am2774
28S-Am3764
18S-Am1383
28S-Um4197
28S-Cm3787
18S-Am1031
28S-Gm4593
18S-Um172
18S-Um116
18S-Um428
18S-Um1288
28S-Cm3866
28S-Um3904
5.8S-Gm75
28S-Am3697
18S-Am590
28S-Gm1509
28S-Gm4166
28S-Am391
28S-Gm2863
28S-Gm1303
28S-Gm3723
18S-Am668
18S-Am1678
28S-Am2802
18S-Am576
28S-Um4590
28S-Gm3923

Figure 2b continued

RNA 2'OMe sites of figure 2a from left to right X axis
18S-Um627
28S-Cm2409
28S-Am3846
28S-Cm2848
28S-Am389
28S-Gm4464
28S-Um2402
28S-Cm1868
28S-Gm4020
18S-Gm867
28S-Cm1327
28S-Gm4340
28S-Cm2811
18S-Gm1328
28S-Am1511
18S-Gm509
18S-Um799
18S-Cm1391
28S-Cm3820
28S-Um2824
28S-Cm4032
18S-Um121

Figure 3a

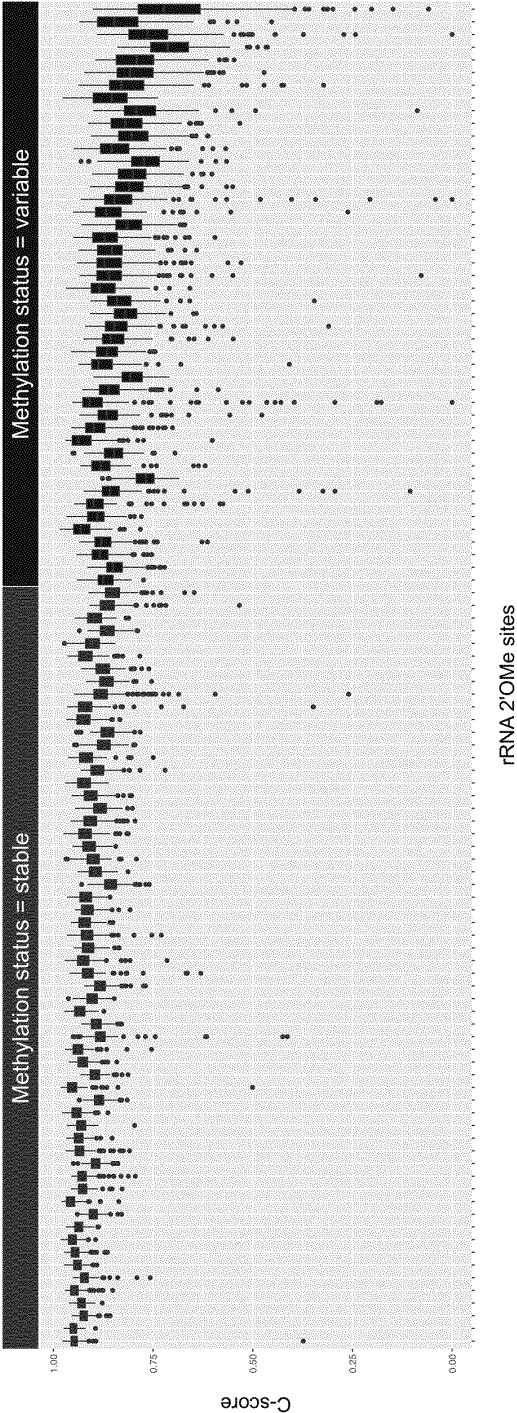


Figure 3b

RNA 2'OMe sites of figure 3a from left to right X axis
28S_Am3703
28S_Am1521
18S_Psi.Um1326
28S_Am3804
28S_Gm4469
18S_Gm683
18S_Cm1703
28S_Am4493
28S_Gm3771
28S_Um4276
28S_Am3697
28S_Gm2351
28S_Gm1747
18S_Am166
28S_Gm4166
28S_Cm4506
18S_Am159
28S_Gm1612
28S_Gm4198
28S_Cm3866
28S_Cm2791
28S_Am391
28S_Gm3878
18S_Gm1490
18S_Um172
28S_Gm1509
28S_Am4560
28S_Cm3787
28S_Um3904
28S_Am1858
28S_Cm2338
18S_Um1804
18S_Gm644
28S_Am3809
18S_Cm517
18S_Cm462
28S_Am1511

Figure 3b continued

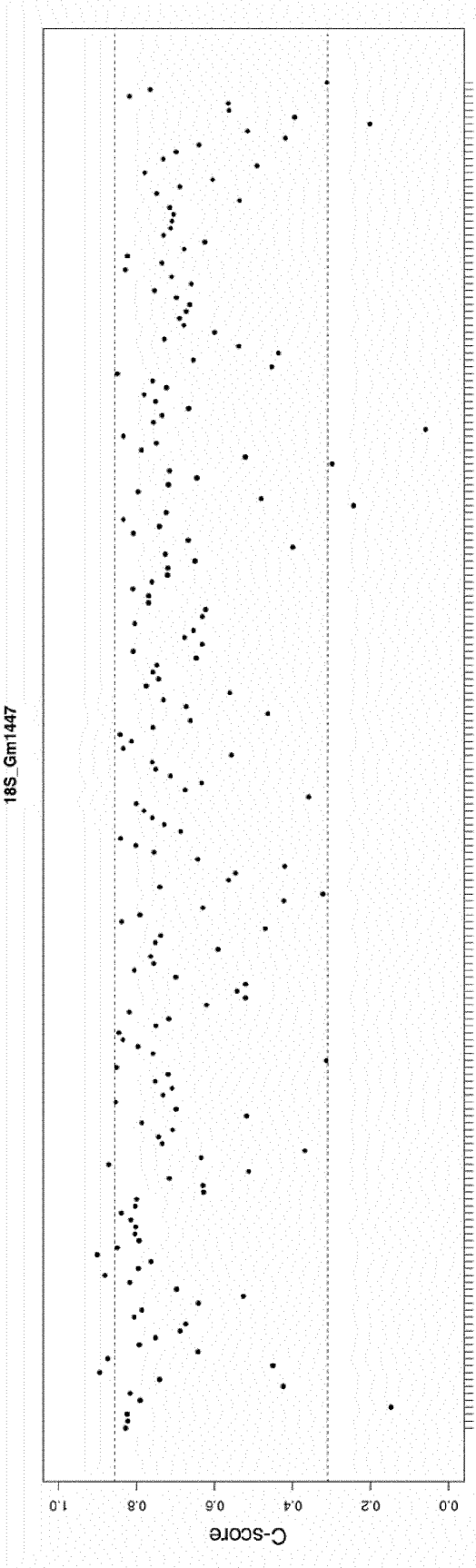
RNA 2'OMe sites of figure 3a from left to right X axis
18S_Am590
28S_Am3764
18S_Am1031
28S_Gm2411
18S_Am99
18S_Um1288
18S_Gm601
18S_Um1442
5.8S_Gm75
28S_Cm3848
18S_Um121
28S_Cm3820
28S_Um4468
28S_Am2388
18S_Cm174
18S_Gm1328
28S_Um2824
28S_Gm4362
28S_Um4197
18S_Gm509
18S_Am1383
18S_Cm1391
28S_Cm2811
28S_Cm4032
28S_Am389
18S_Um428
18S_Gm867
18S_Am27
28S_Gm4593
28S_Am2350
28S_Gm4340
28S_Cm3680
18S_Um116
28S_Gm4464
28S_Cm4426
28S_Am2774
28S_Am2802
28S_Cm2352

Figure 3b continued

RNA 2'OMe sites of figure 3a from left to right X axis
28S_Um2402
28S_Psi.Um3797
28S_Cm1327
18S_Um799
28S_Cm2848
28S_Cm2409
28S_Gm3923
18S_Um627
28S_Gm4020
18S_Am668
28S_Cm1868
28S_Am3846
18S_Am484
5.8S_Um14
18S_Am1678
28S_Gm3723
18S_Am468
28S_Gm4607
18S_Gm436
28S_Um4590
28S_Am4541
18S_Cm1272
18S_Am512
18S_Am576
28S_Gm2863
28S_Gm4588
28S_Am3739
18S_Cm797
28S_Am1313
28S_Gm1303
18S_Gm1447

10/28

Figure 4



Breast tumors

Figure 5a

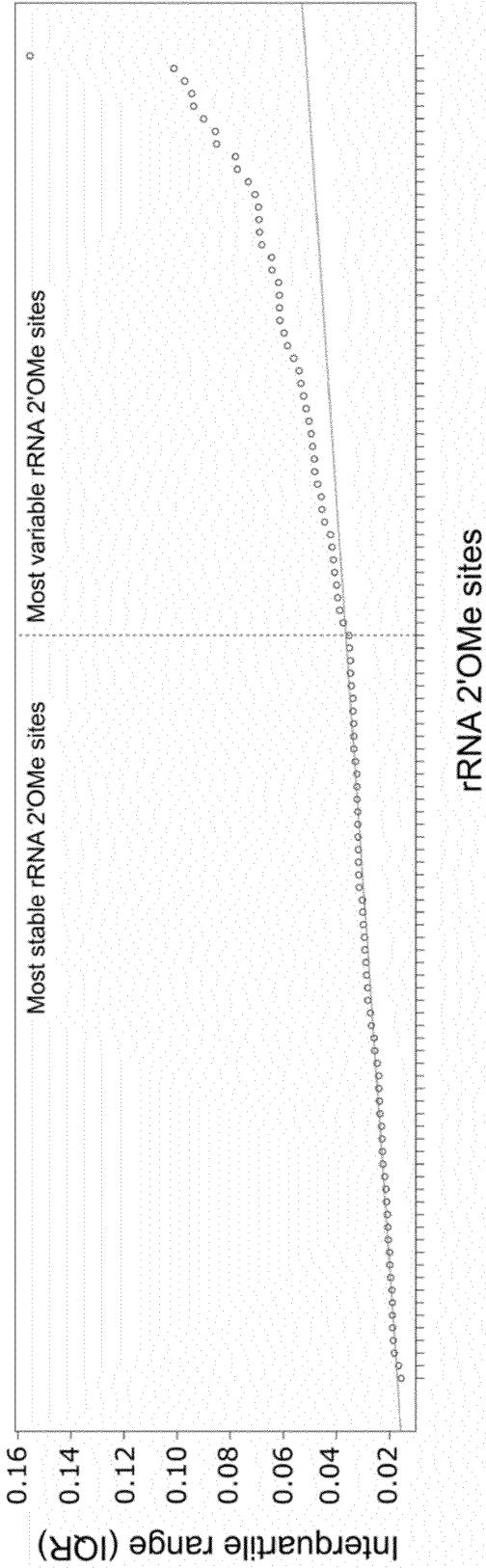


Figure 5b

RNA 2'OMe sites of figure 5a from left to right X axis
28S_Am3703
28S_Am1521
18S_Psi.Um1326
28S_Am3804
28S_Gm4469
18S_Gm683
18S_Cm1703
28S_Am4493
28S_Gm3771
28S_Um4276
28S_Am3697
28S_Gm2351
28S_Gm1747
18S_Am166
28S_Gm4166
28S_Cm4506
18S_Am159
28S_Gm1612
28S_Gm4198
28S_Cm3866
28S_Cm2791
28S_Am391
28S_Gm3878
18S_Gm1490
18S_Um172
28S_Gm1509
28S_Am4560
28S_Cm3787
28S_Um3904
28S_Am1858
28S_Cm2338
18S_Um1804
18S_Gm644
28S_Am3809
18S_Cm517
18S_Cm462
28S_Am1511

Figure 5b continued

RNA 2'OMe sites of figure 5a from left to right X axis
18S_Am590
28S_Am3764
18S_Am1031
28S_Gm2411
18S_Am99
18S_Um1288
18S_Gm601
18S_Um1442
5.8S_Gm75
28S_Cm3848
18S_Um121
28S_Cm3820
28S_Um4468
28S_Am2388
18S_Cm174
18S_Gm1328
28S_Um2824
28S_Gm4362
28S_Um4197
18S_Gm509
18S_Am1383
18S_Cm1391
28S_Cm2811
28S_Cm4032
28S_Am389
18S_Um428
18S_Gm867
18S_Am27
28S_Gm4593
28S_Am2350
28S_Gm4340
28S_Cm3680
18S_Um116
28S_Gm4464
28S_Cm4426
28S_Am2774
28S_Am2802
28S_Cm2352

Figure 5b continued

RNA 2'OMe sites of figure 5a from left to right X axis
28S_Um2402
28S_Psi.Um3797
28S_Cm1327
18S_Um799
28S_Cm2848
28S_Cm2409
28S_Gm3923
18S_Um627
28S_Gm4020
18S_Am668
28S_Cm1868
28S_Am3846
18S_Am484
5.8S_Um14
18S_Am1678
28S_Gm3723
18S_Am468
28S_Gm4607
18S_Gm436
28S_Um4590
28S_Am4541
18S_Cm1272
18S_Am512
18S_Am576
28S_Gm2863
28S_Gm4588
28S_Am3739
18S_Cm797
28S_Am1313
28S_Gm1303
18S_Gm1447

Figure 6

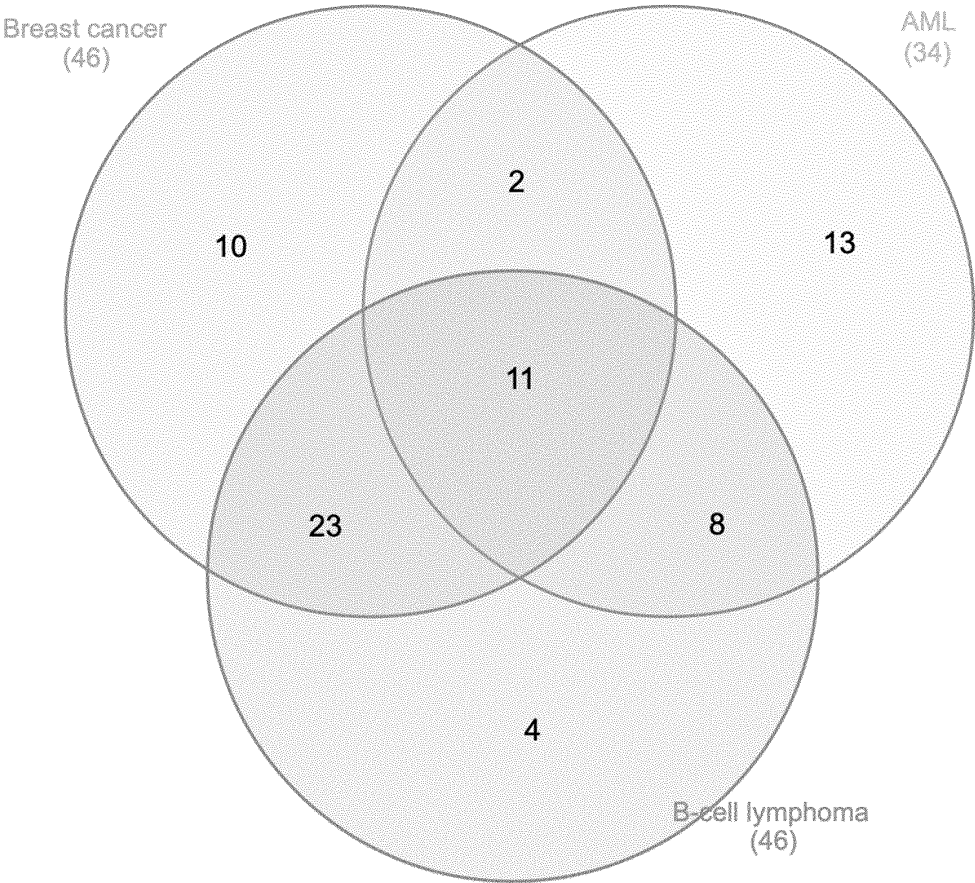


Figure 7

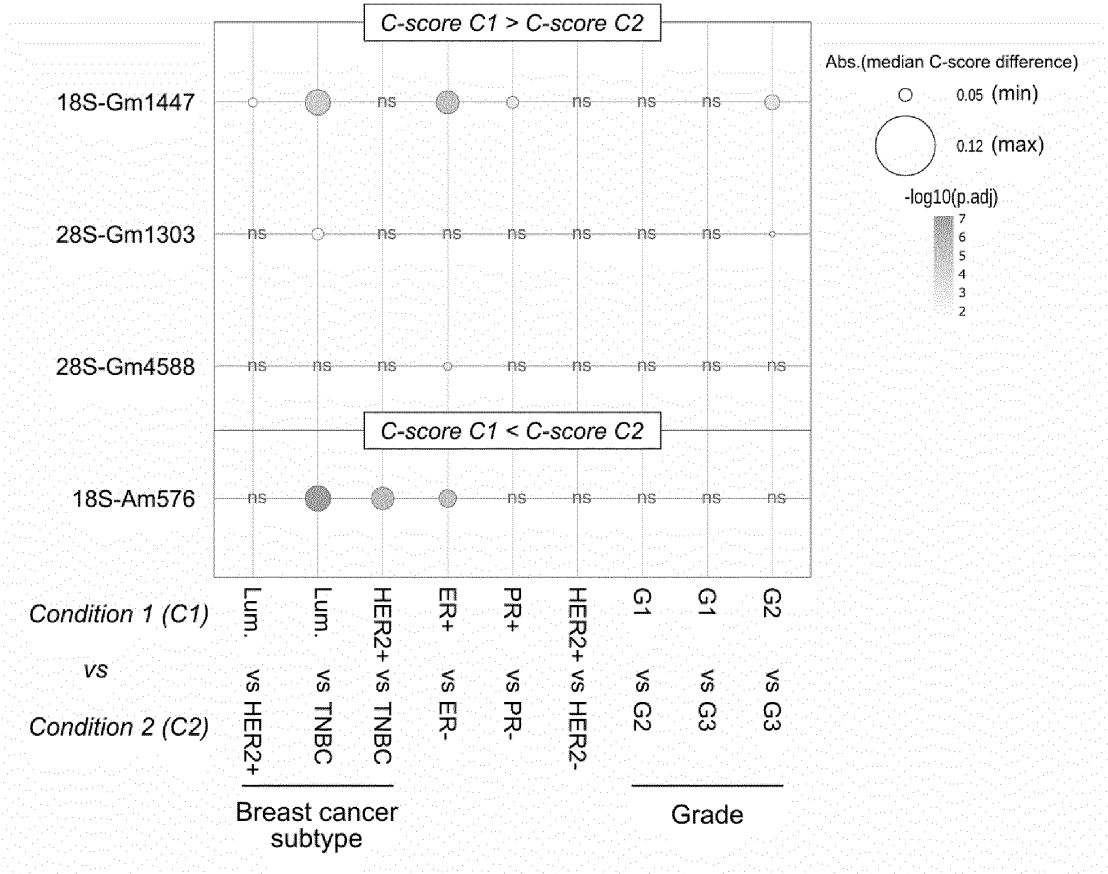


Figure 8

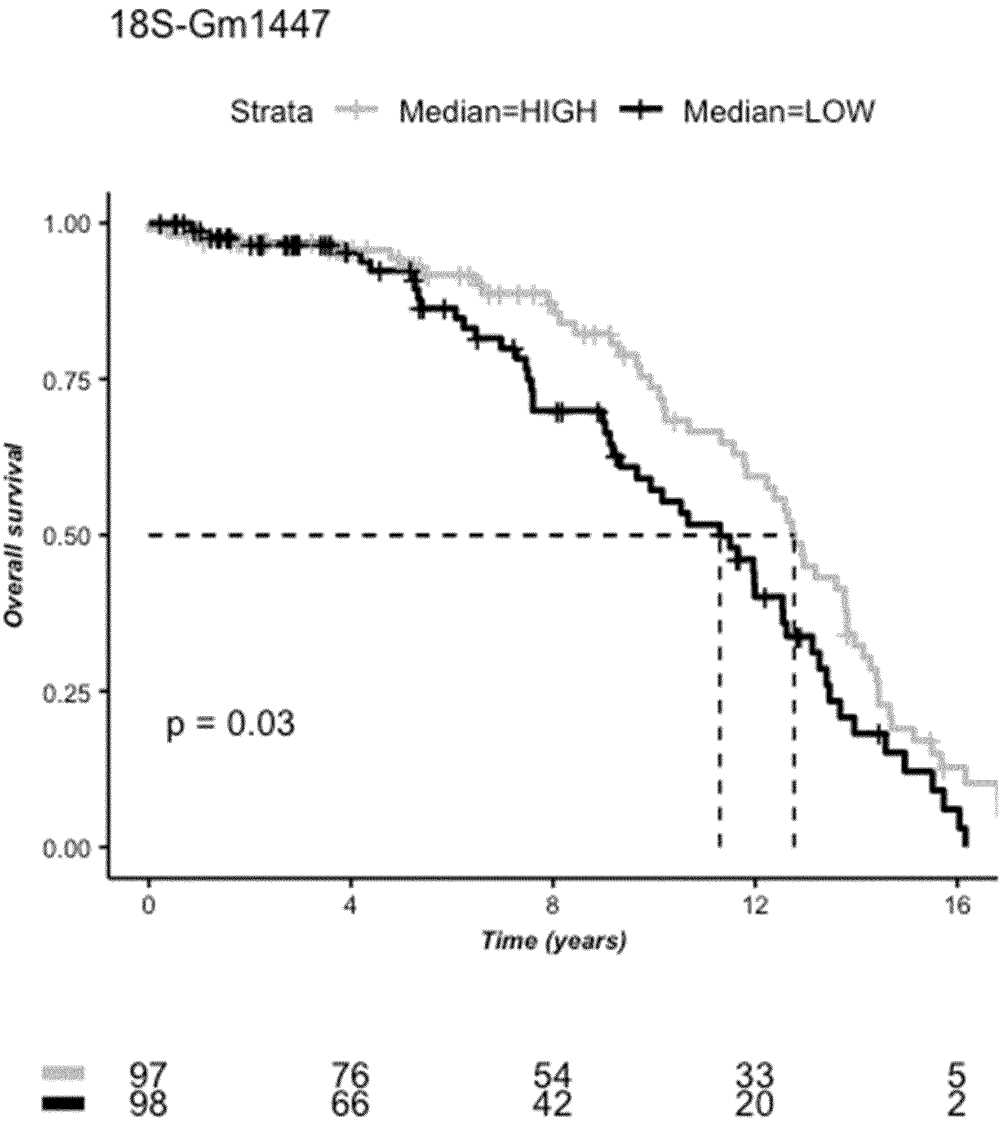


Figure 9

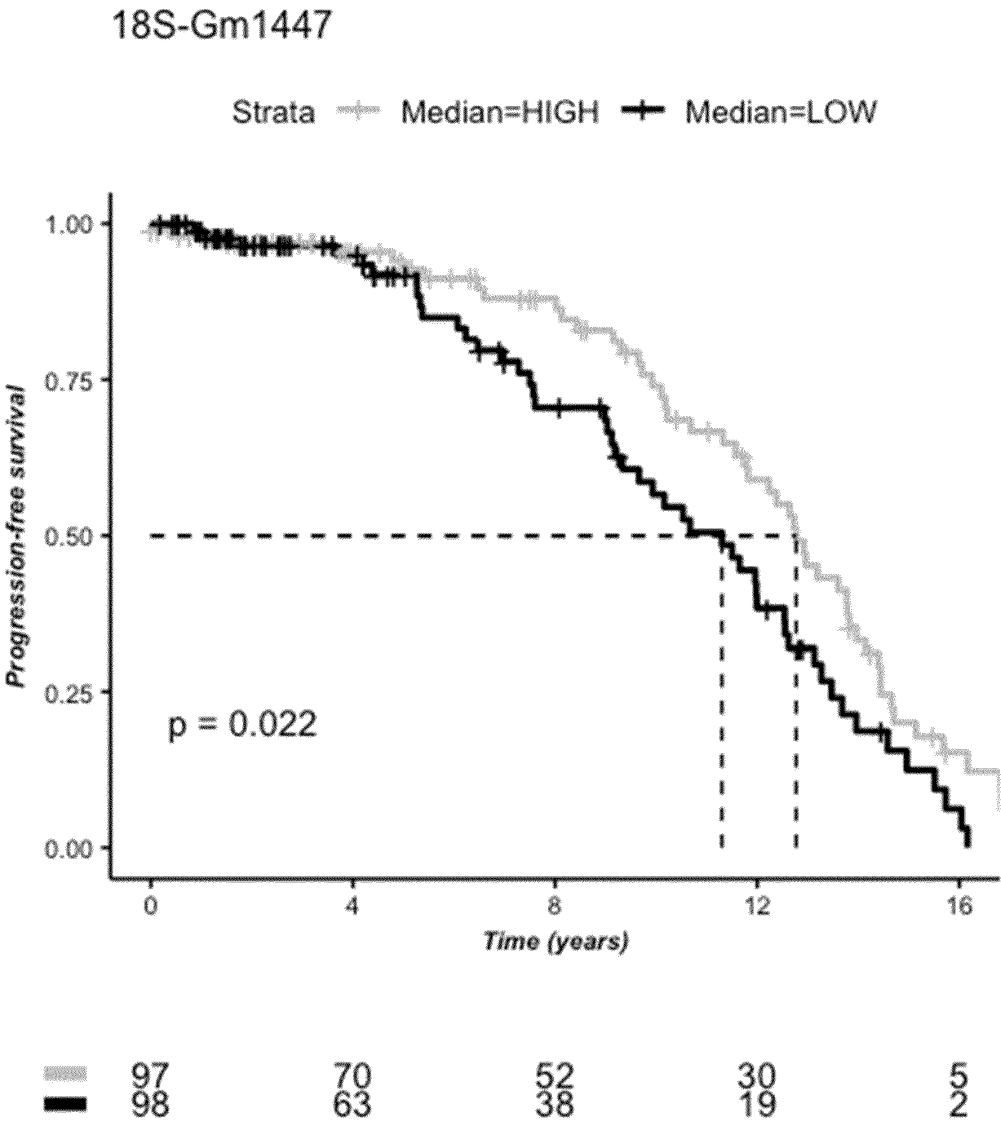


Figure 10

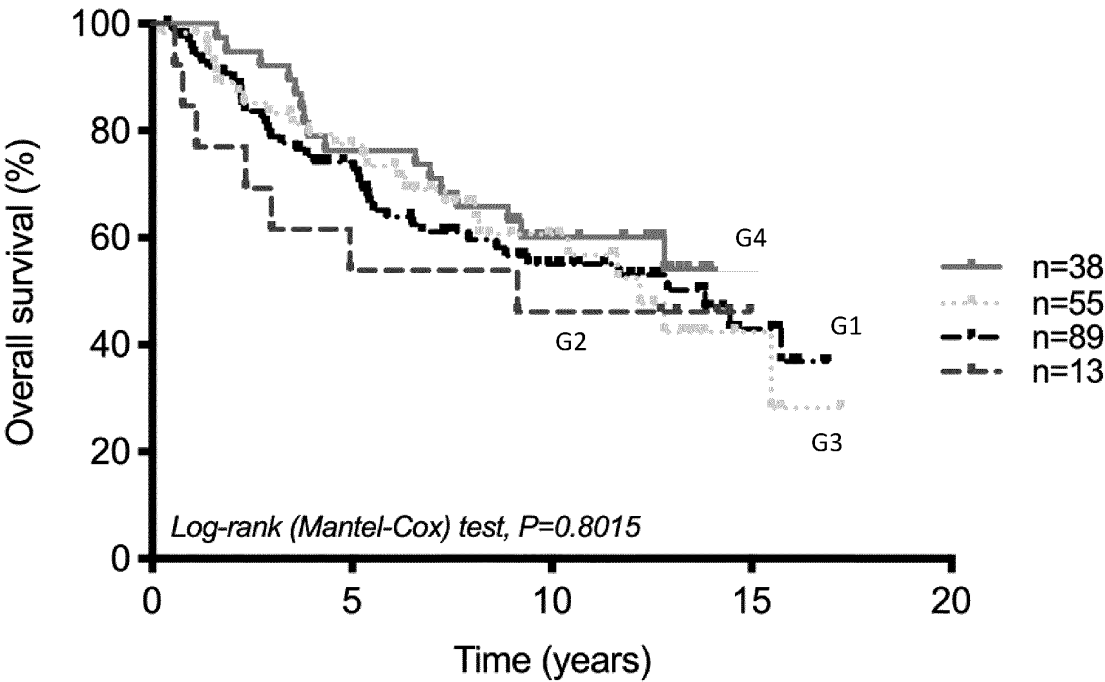


Figure 11

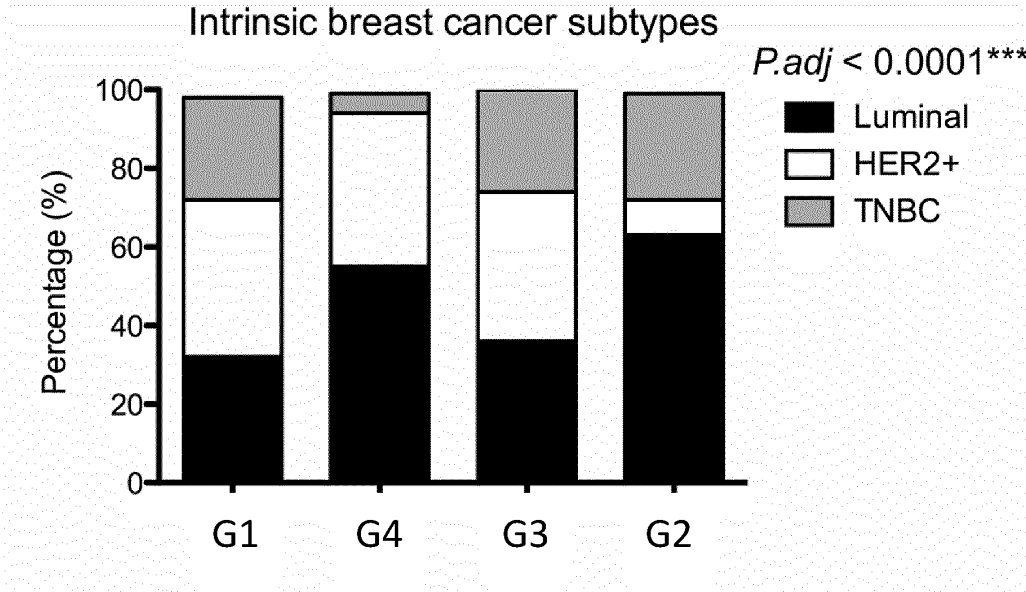


Figure 12

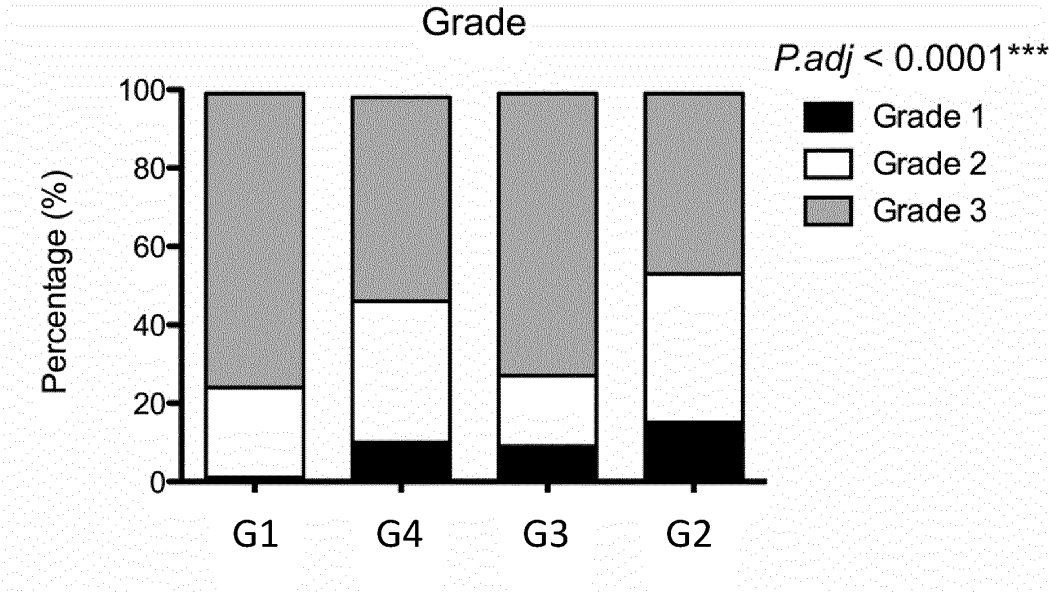


Figure 13

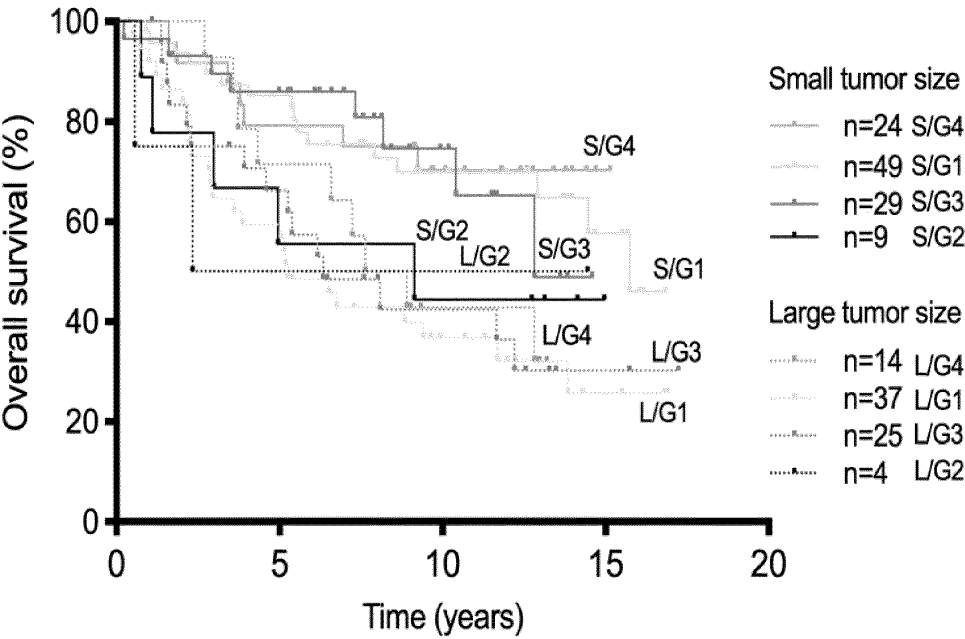


Figure 14

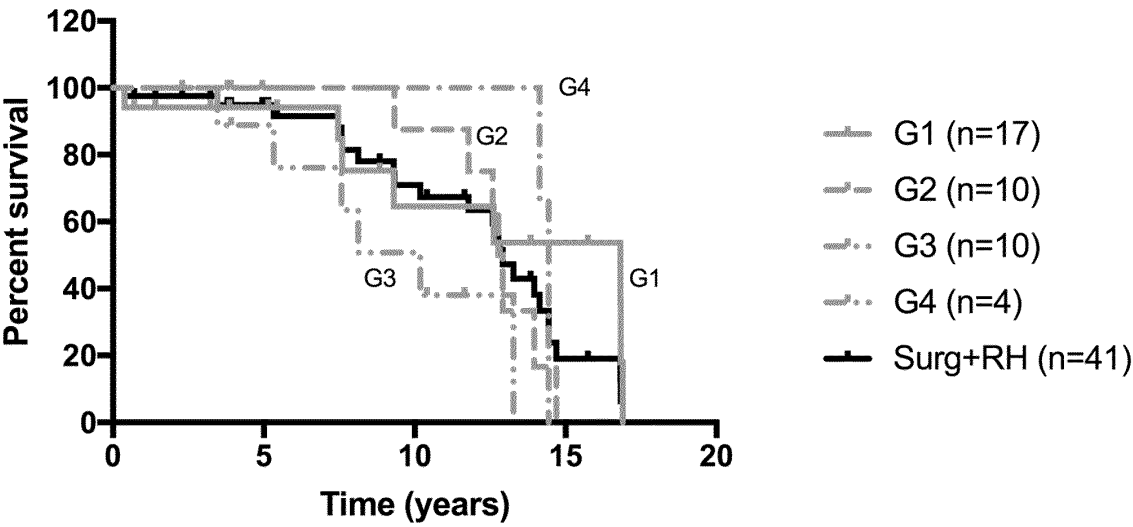


Figure 15

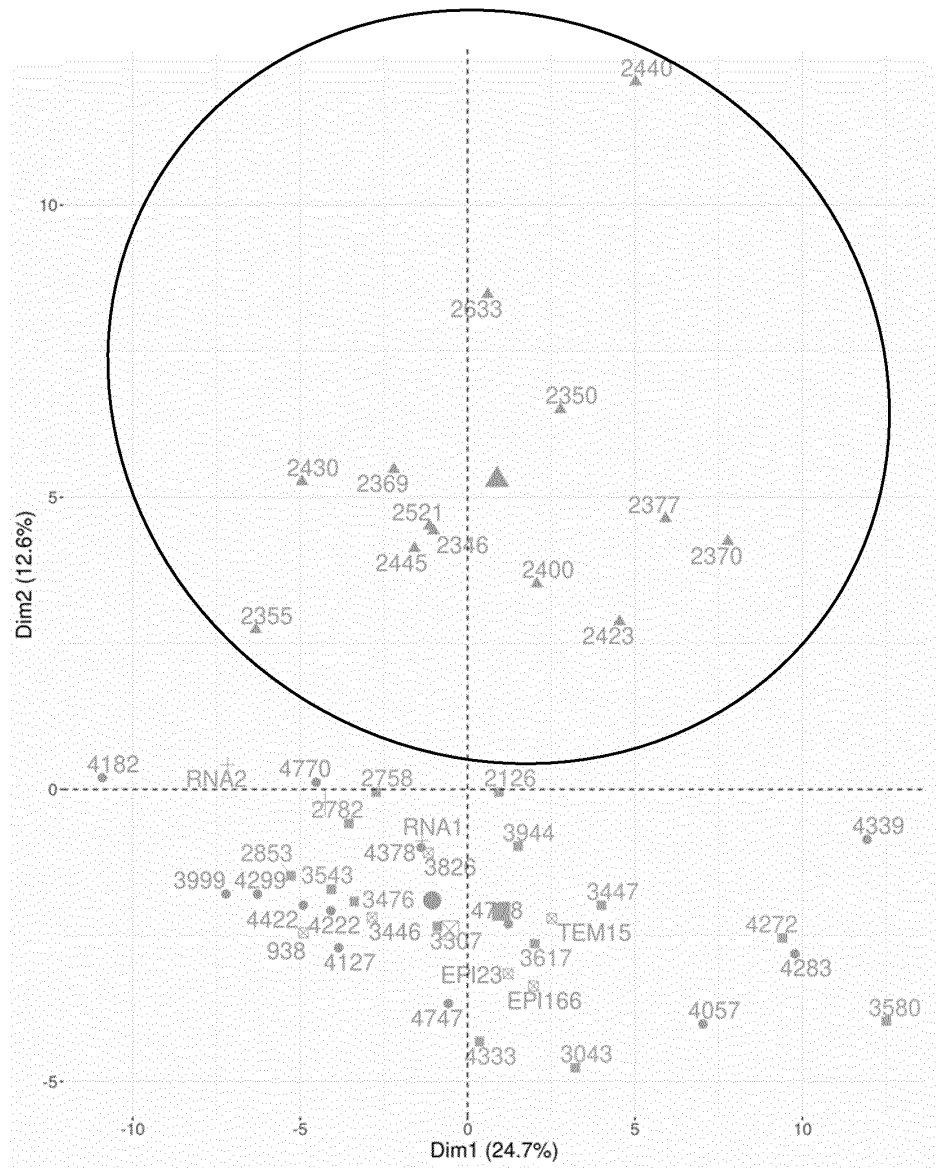


Figure 16

Clinical data	Dim1	Dim2	Dim3
Overall survival	0.04	0.67**	-0,05
Progression-free survival	0	0.68***	-0.15
Mitosis	0.05	0.54***	0.2

Pearson correlation: r^2 ^{p-value}

Figure 17

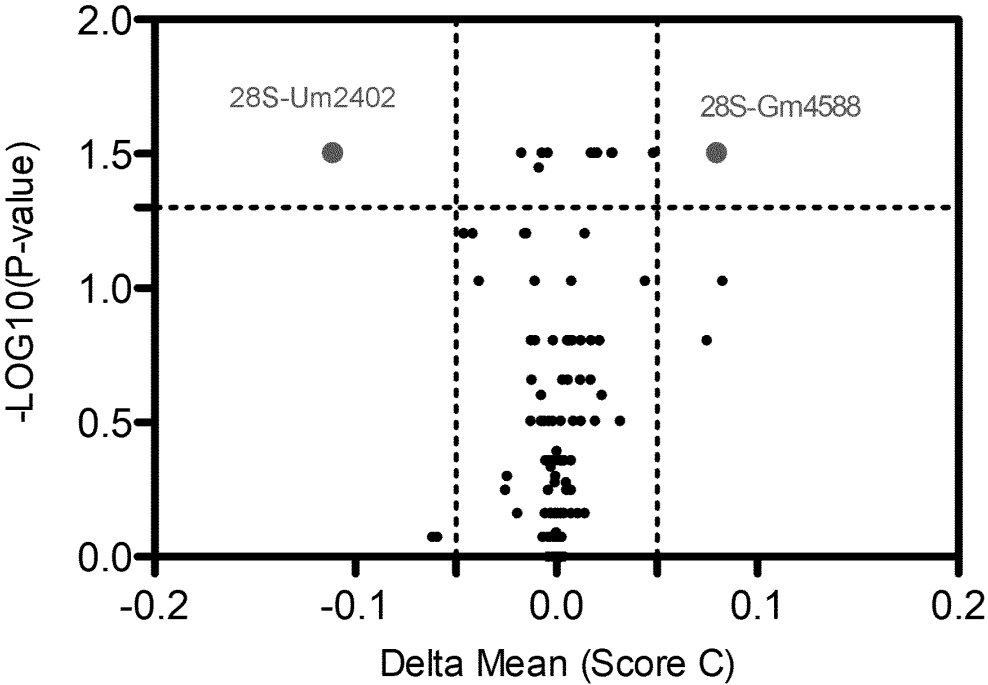


Figure 18

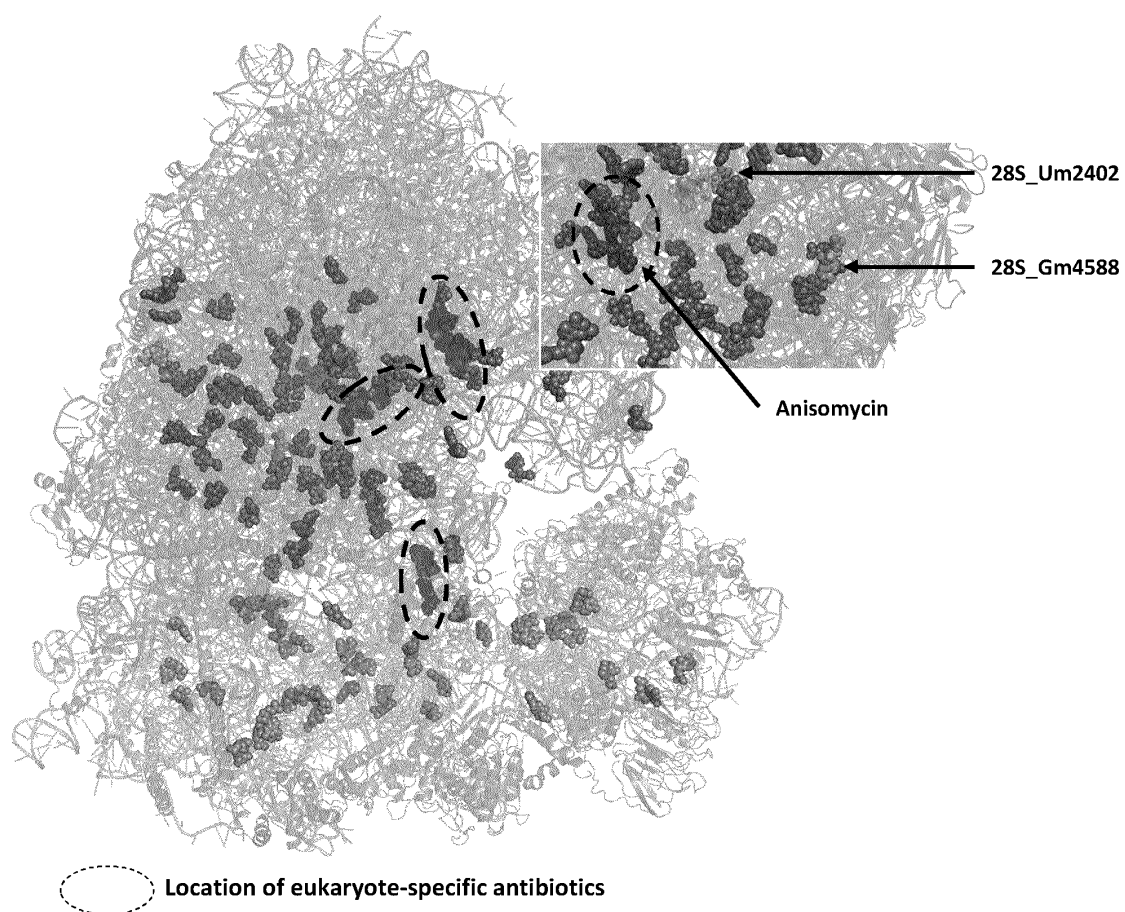


Figure 19

