

Figure S1A

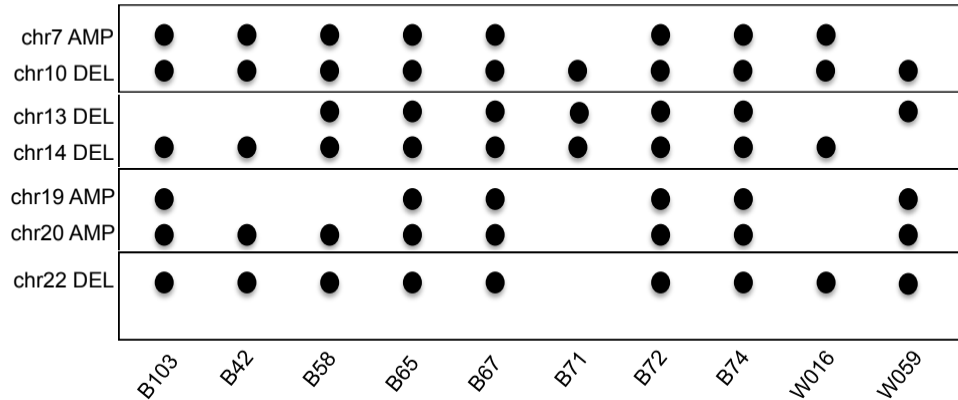


Figure S1B

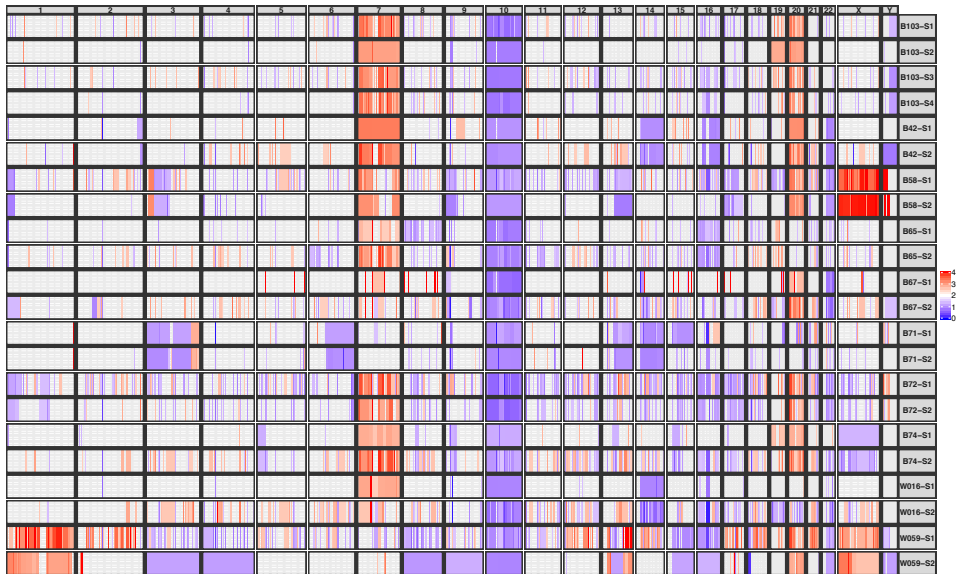




Figure S3

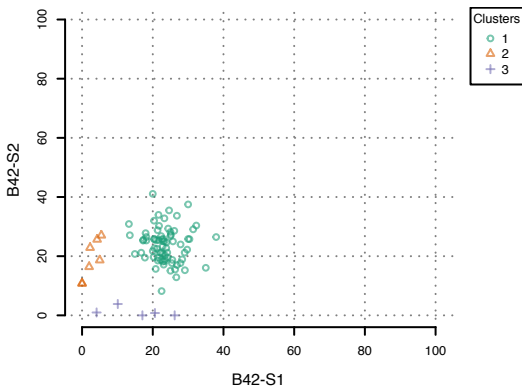
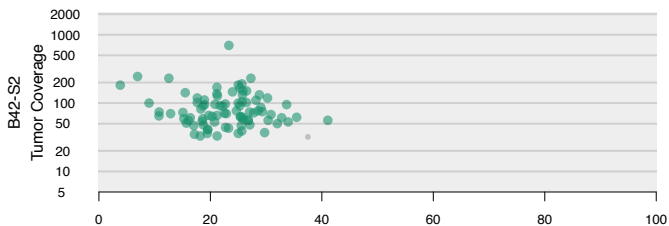
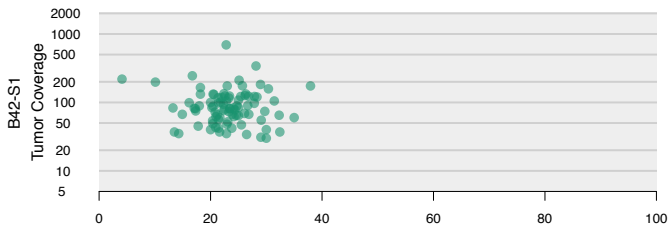


Figure S3

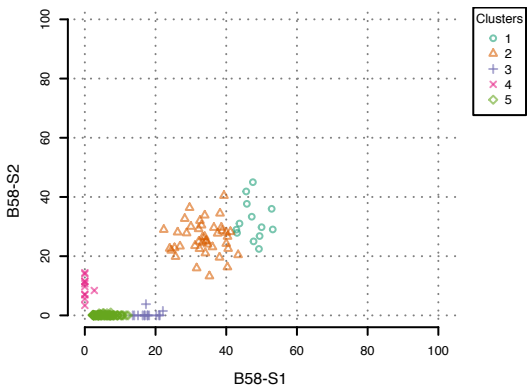
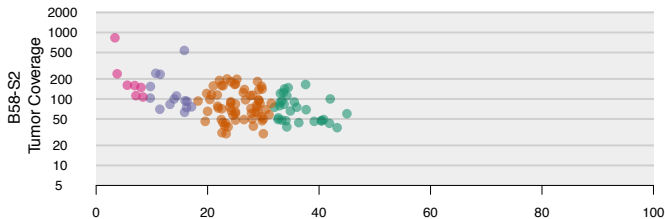
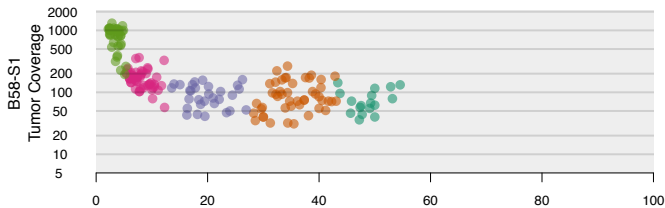


Figure S3

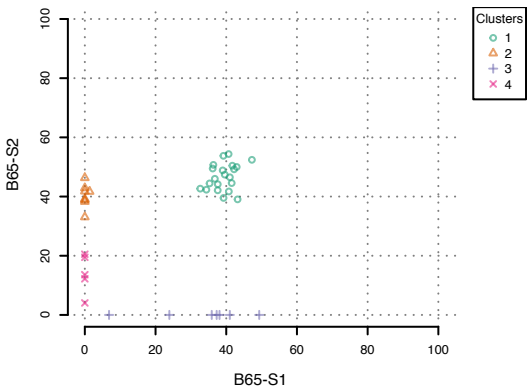
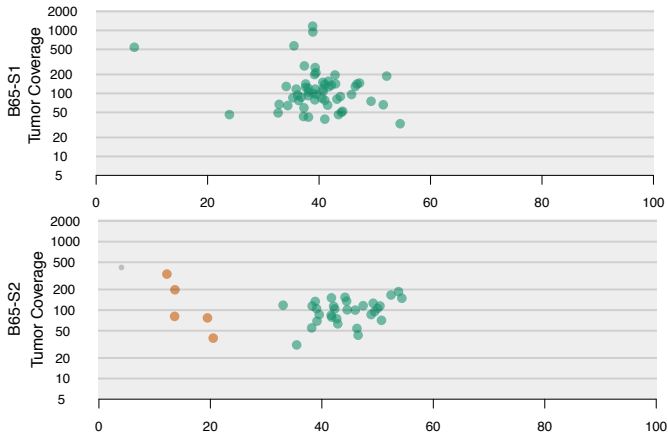


Figure S3

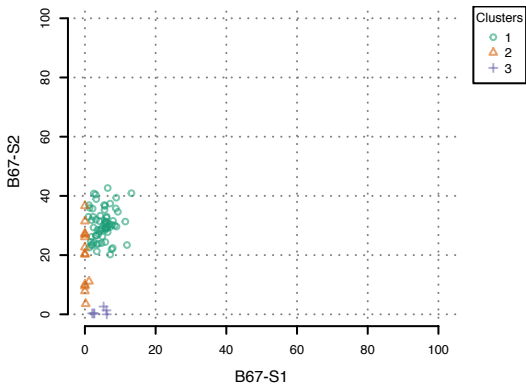
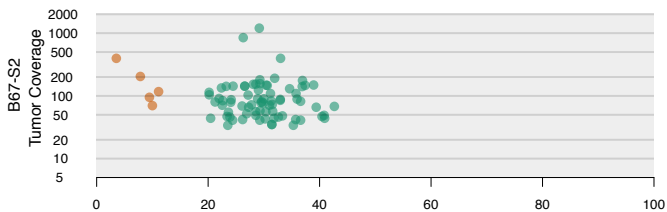
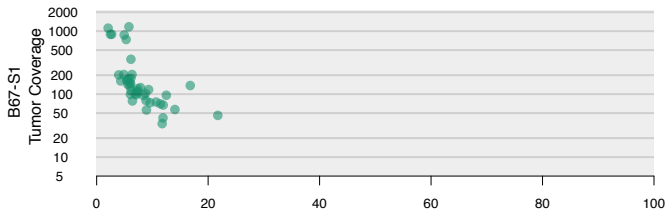


Figure S3

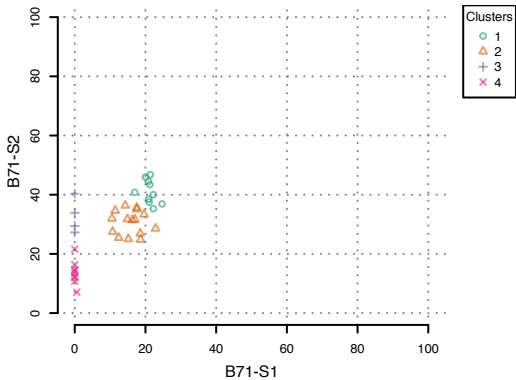
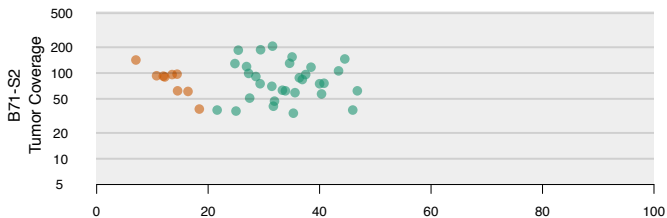
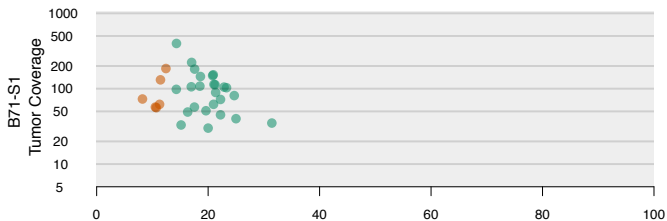




Figure S3

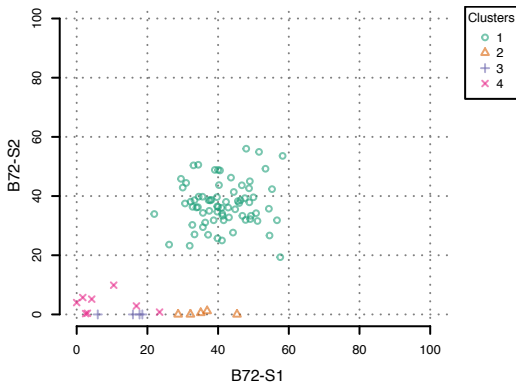
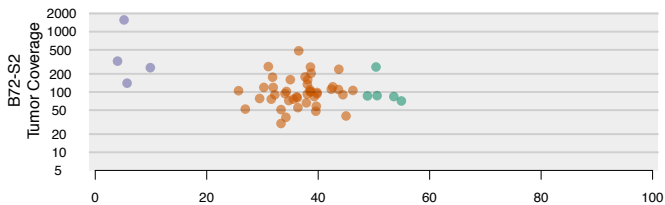
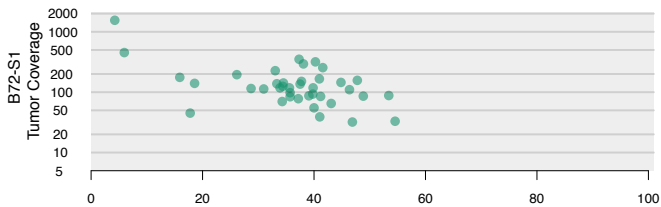


Figure S3

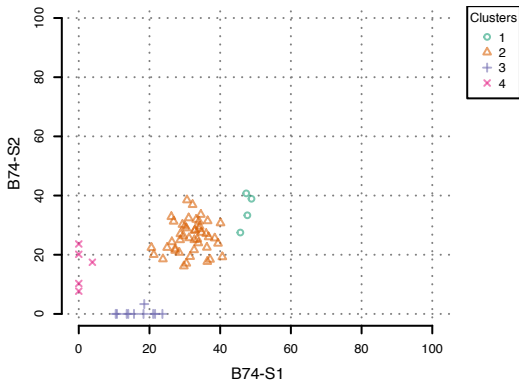
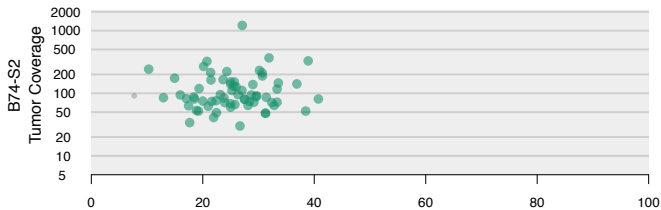
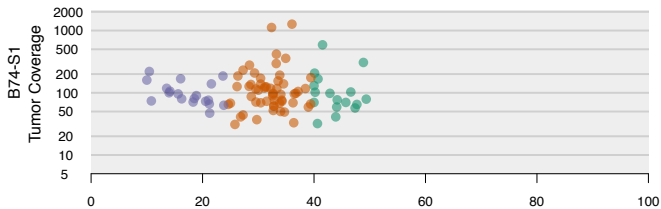


Figure S3

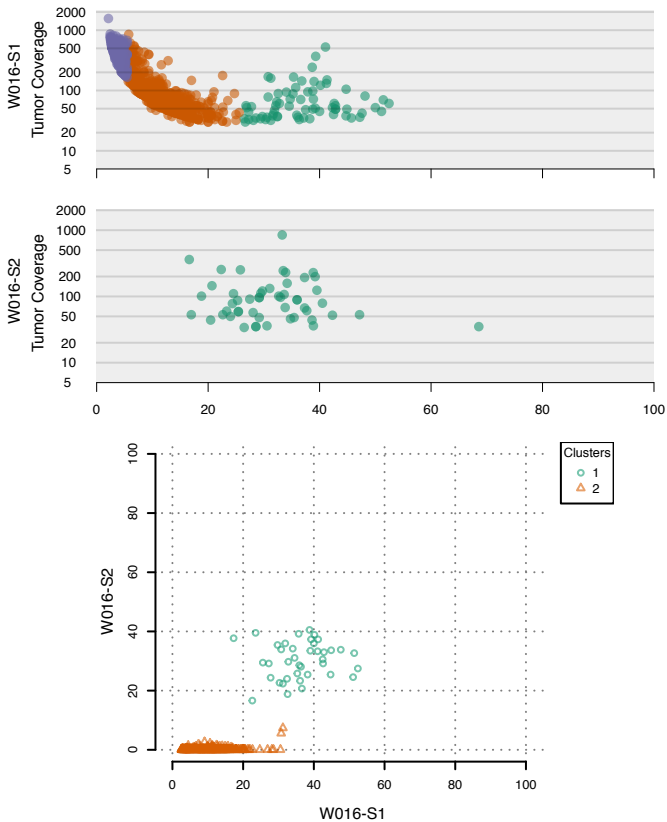


Figure S3

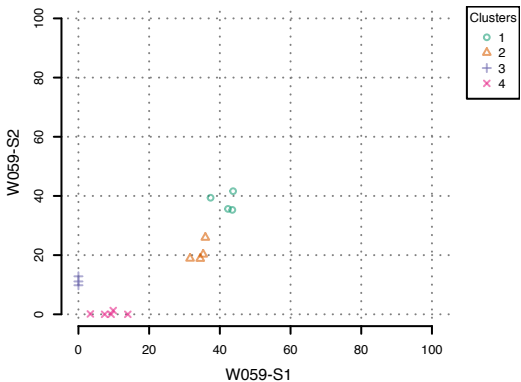
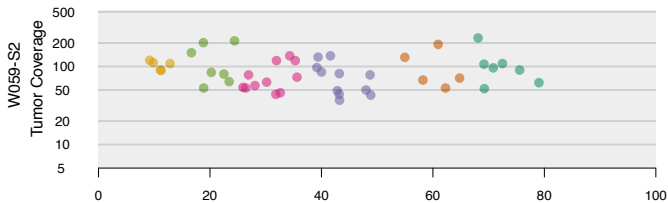
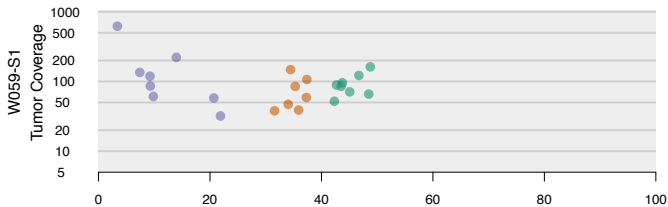


Figure S3

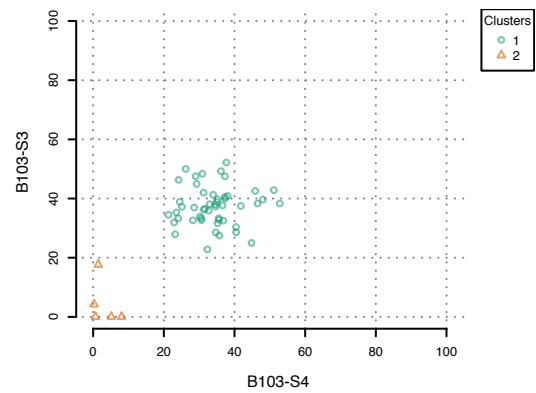
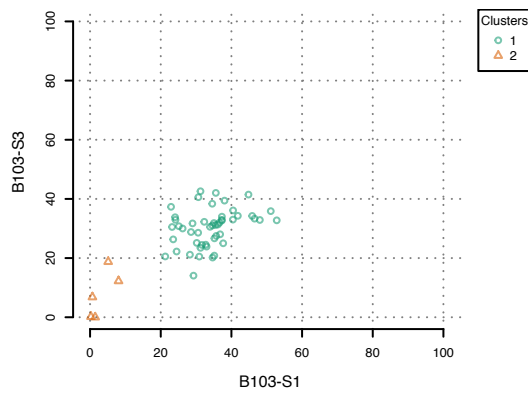
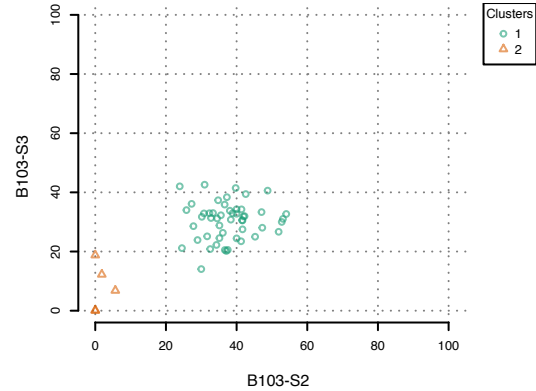
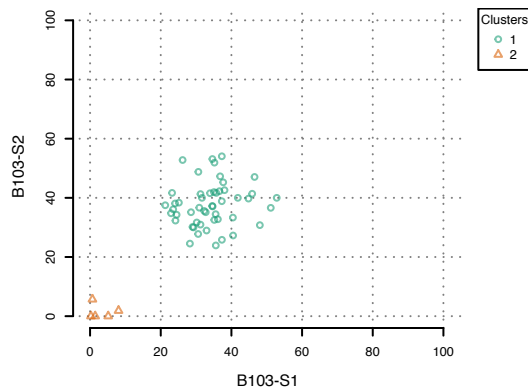
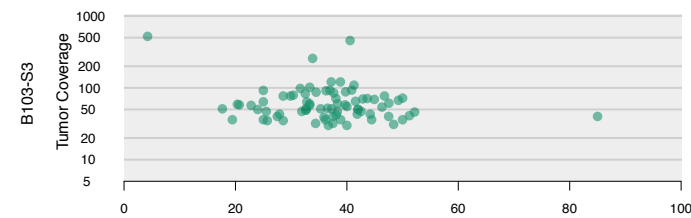
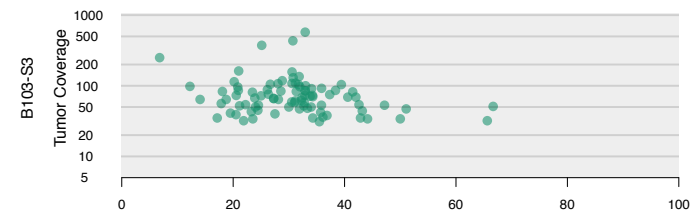
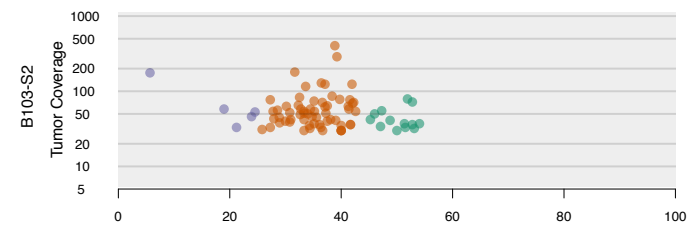
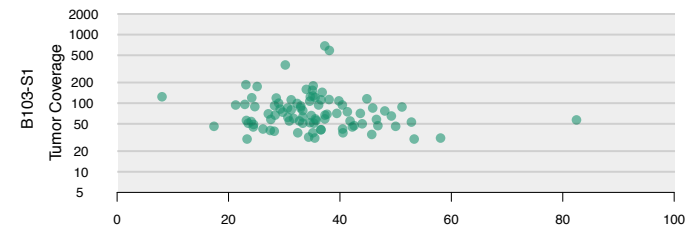
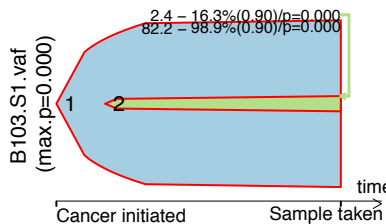
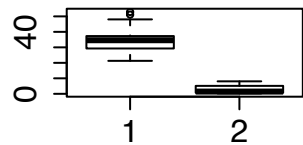


Figure S4

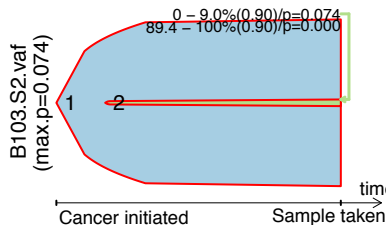
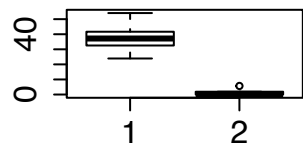
B103

Max (clone cross-sample  $p$ ) = 0

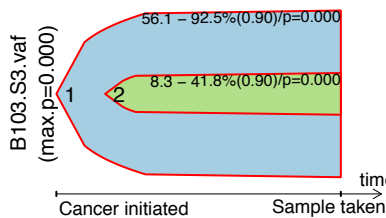
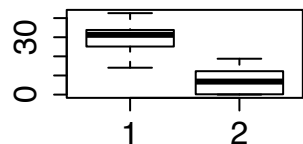
B103.S1.vaf



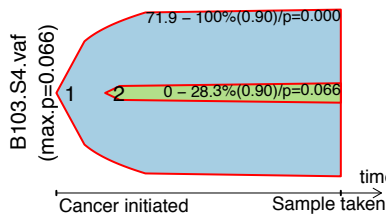
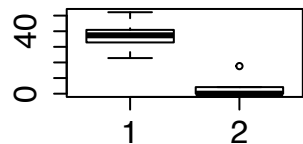
B103.S2.vaf



B103.S3.vaf



B103.S4.vaf



1  
\*H\_SU.B103.S1.vaf  
\*H\_SU.B103.S2.vaf  
\*H\_SU.B103.S3.vaf  
\*H\_SU.B103.S4.vaf

2  
H\_SU.B103.S1.vaf  
H\_SU.B103.S2.vaf  
H\_SU.B103.S3.vaf  
H\_SU.B103.S4.vaf

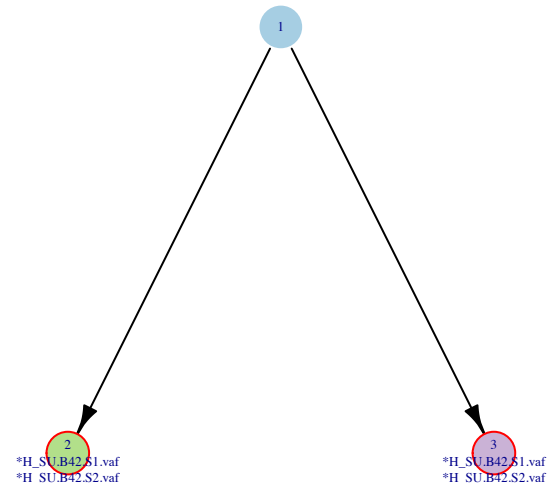
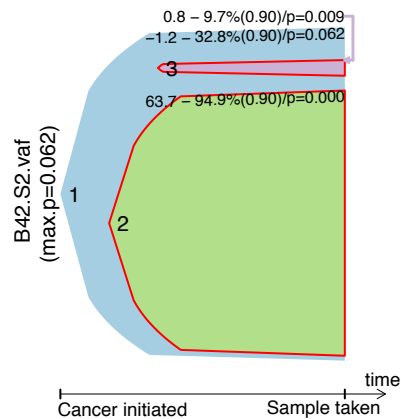
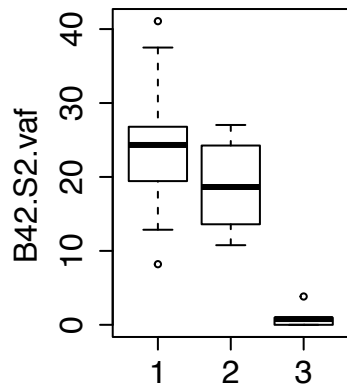
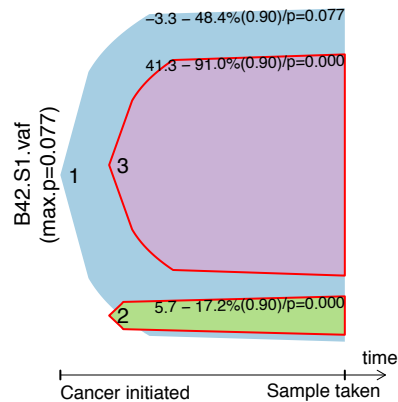
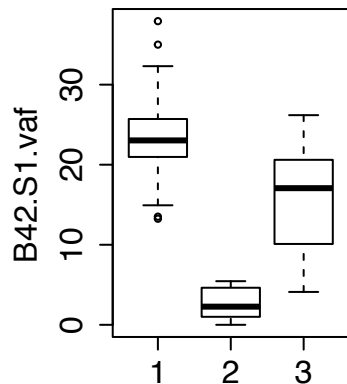
\* sample founding clone  
o zero cellular fraction  
o\* ancestor of sample founding clone

B42

Max (clone cross-sample p) = 0.004

Figure S4

○ group1

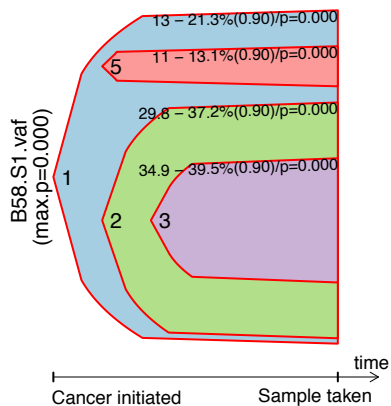
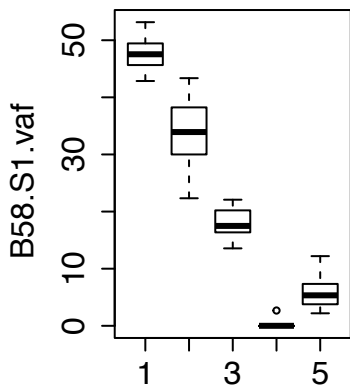


\* sample founding clone  
 ○ zero cellular fraction  
 ○\* ancestor of sample founding clone

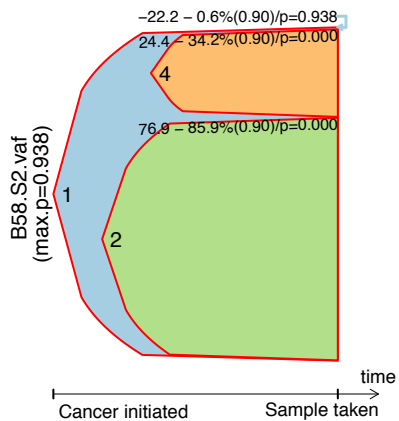
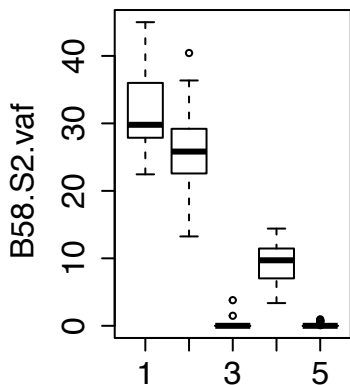
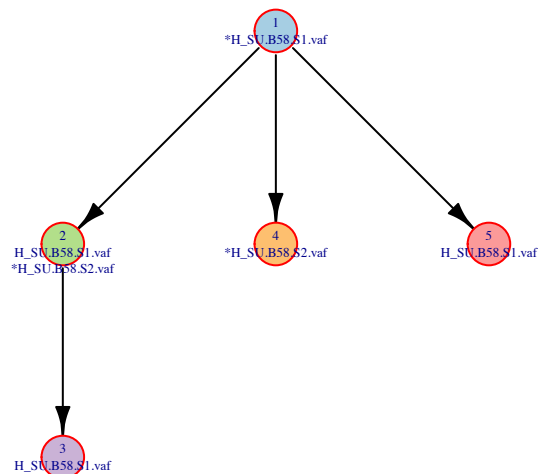
B58

Max (clone cross-sample p) = 0

Figure S4



○ group1



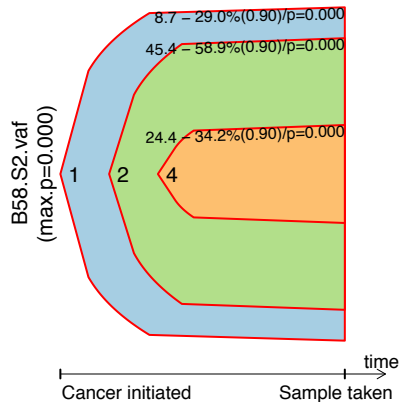
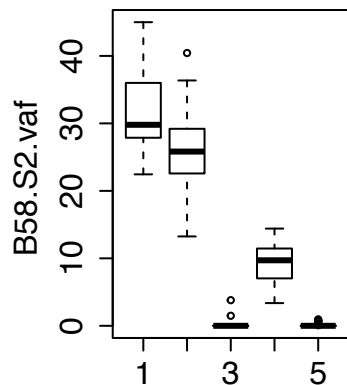
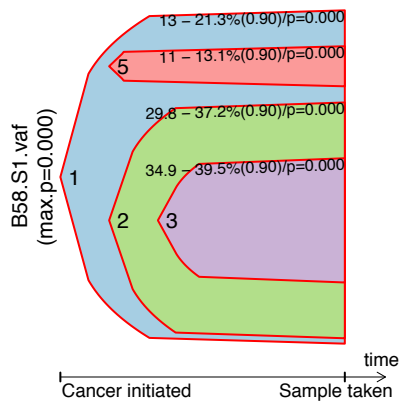
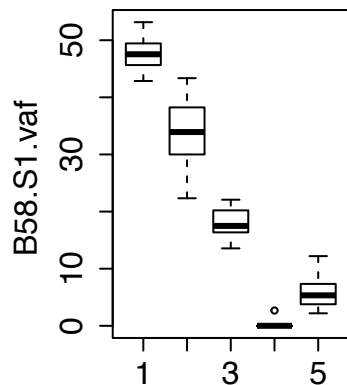
\* sample founding clone  
 ○ zero cellular fraction  
 ○\* ancestor of sample founding clone



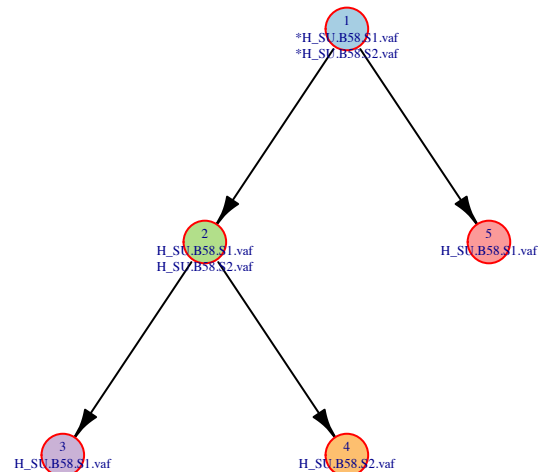
B58

Max (clone cross-sample p) = 0

Figure S4



○ group1

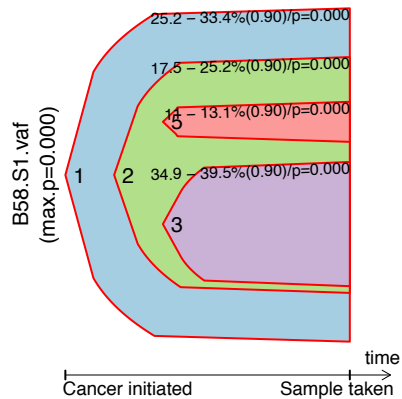
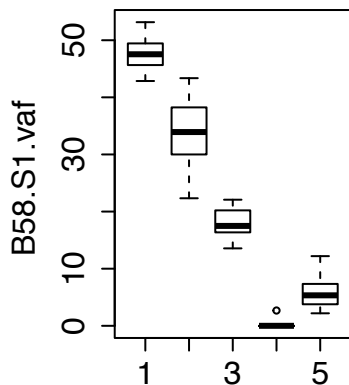


\* sample founding clone  
 ○ zero cellular fraction  
 ○\* ancestor of sample founding clone

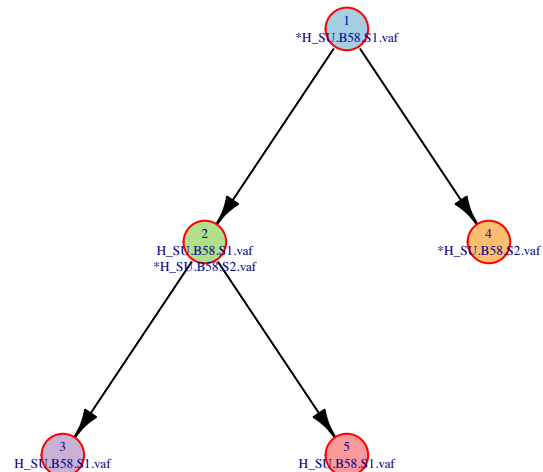
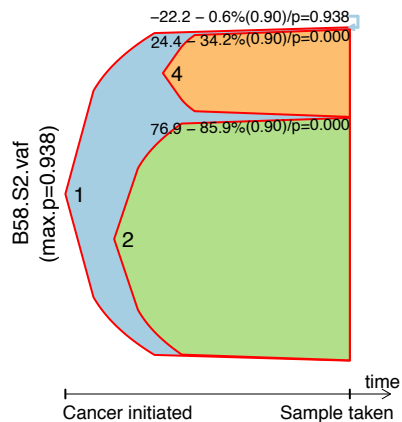
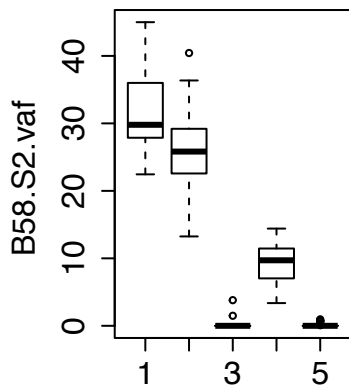
B58

Max (clone cross-sample p) = 0

Figure S4



○ group1

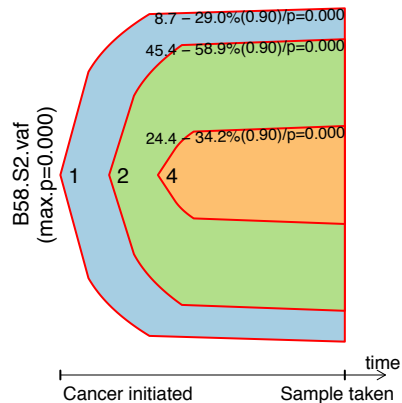
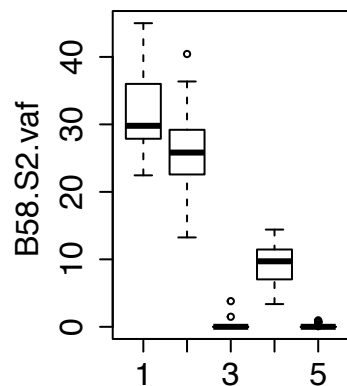
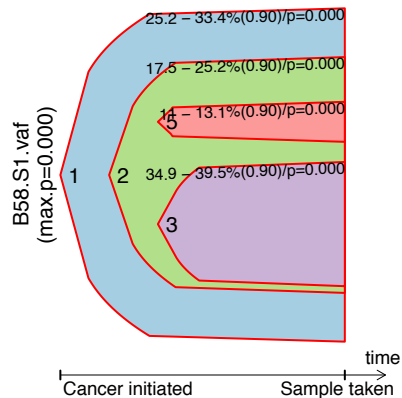
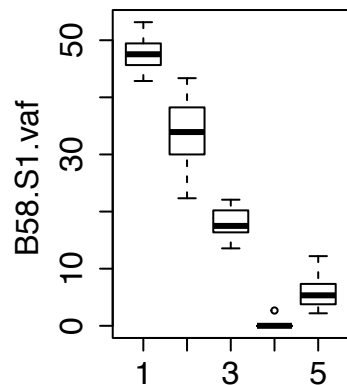


\* sample founding clone  
 ○ zero cellular fraction  
 ○\* ancestor of sample founding clone

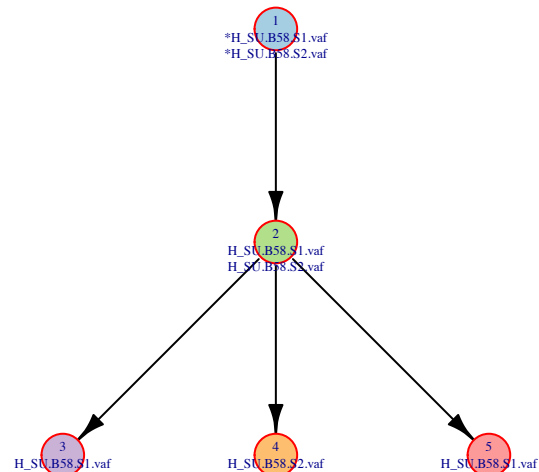
B58

Max (clone cross-sample p) = 0

Figure S4



○ group1

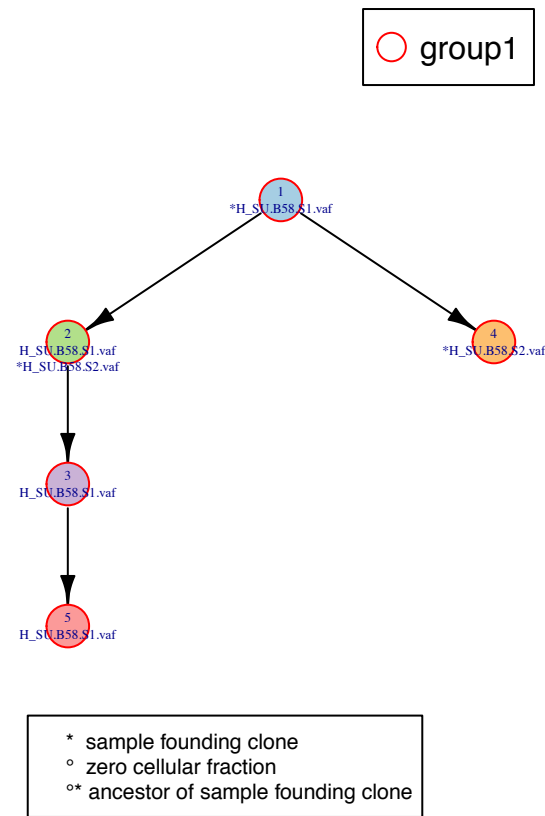
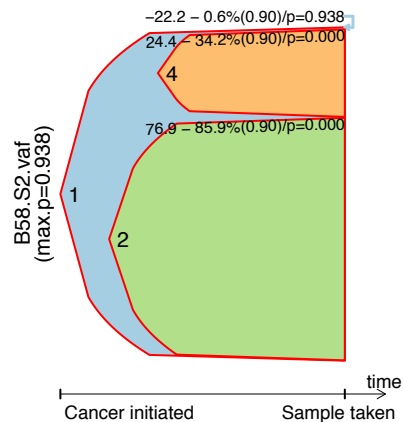
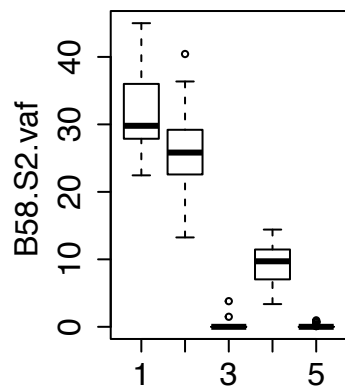
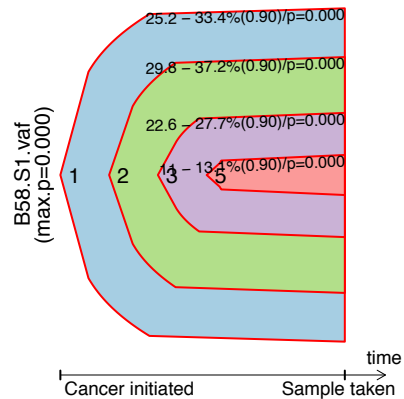
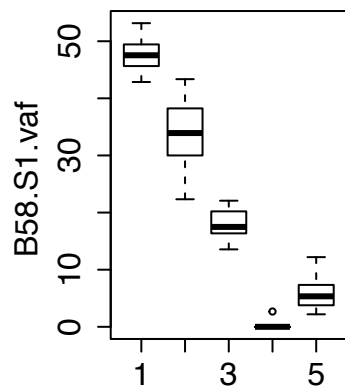


\* sample founding clone  
 ○ zero cellular fraction  
 ○\* ancestor of sample founding clone

B58

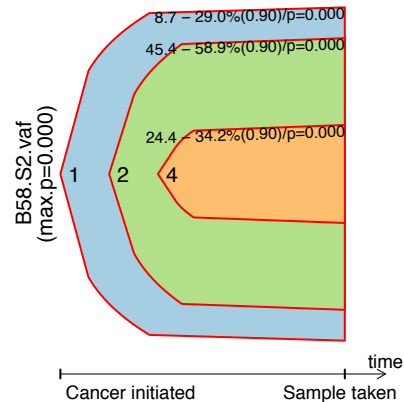
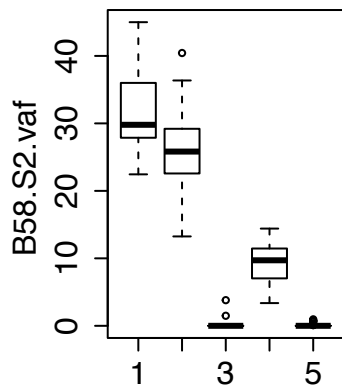
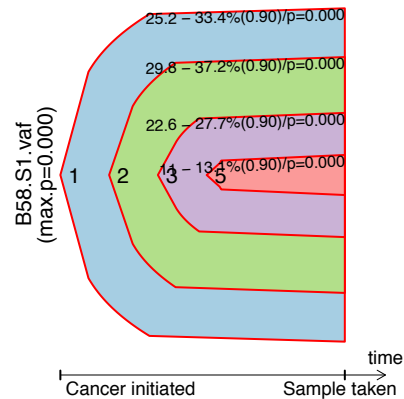
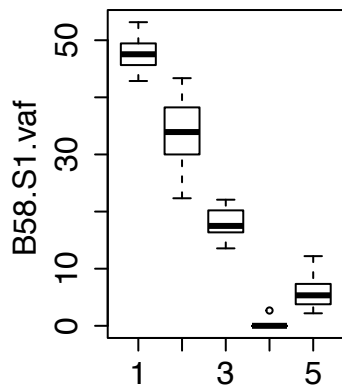
Max (clone cross-sample p) = 0

Figure S4

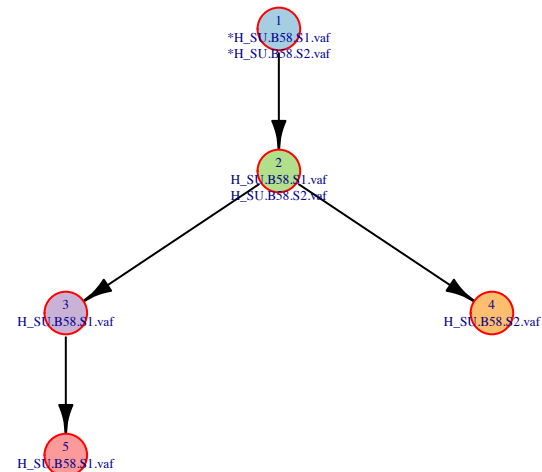


B58

Max (clone cross-sample p) = 0



○ group1

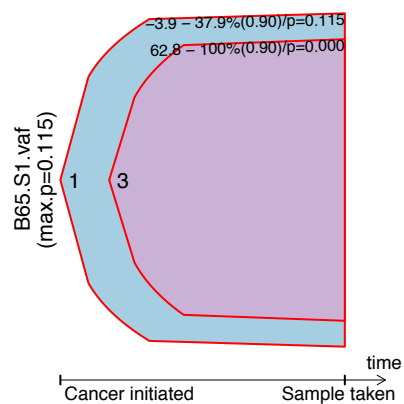
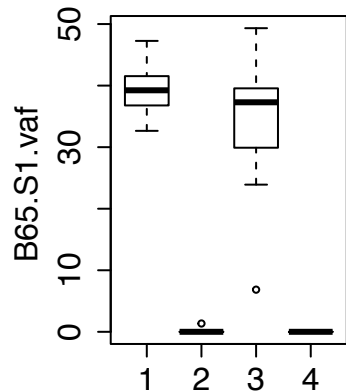


\* sample founding clone  
 ○ zero cellular fraction  
 ○\* ancestor of sample founding clone

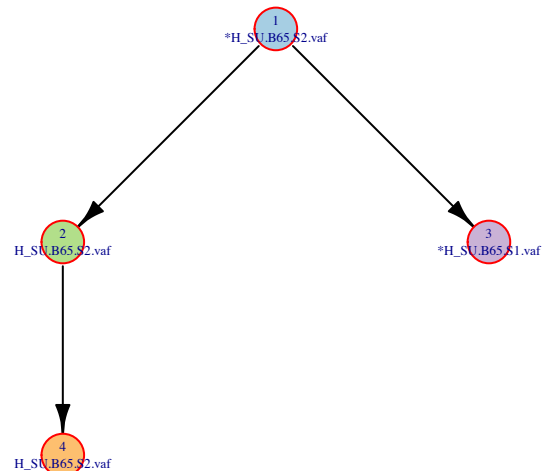
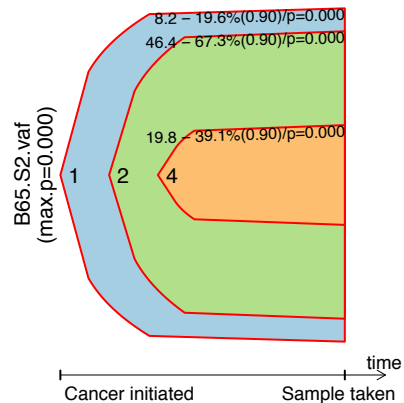
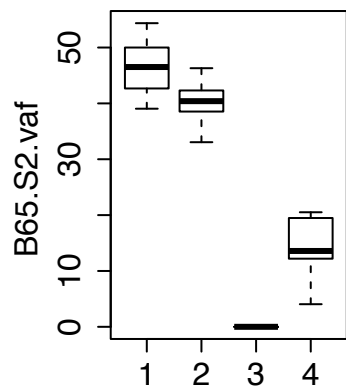
B65

Max (clone cross-sample p) = 0

Figure S4



○ group1

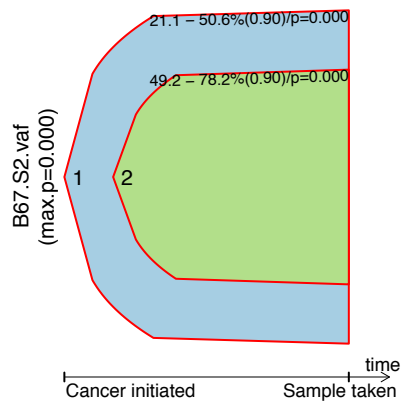
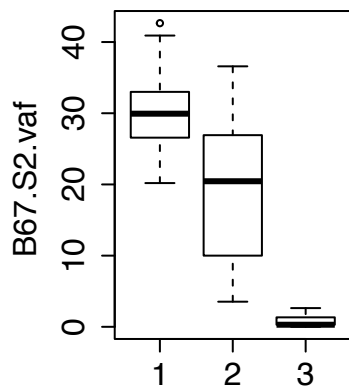
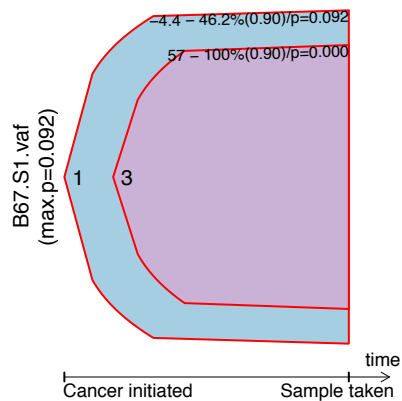
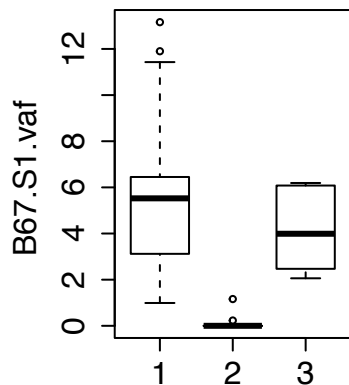


\* sample founding clone  
 ○ zero cellular fraction  
 ○\* ancestor of sample founding clone

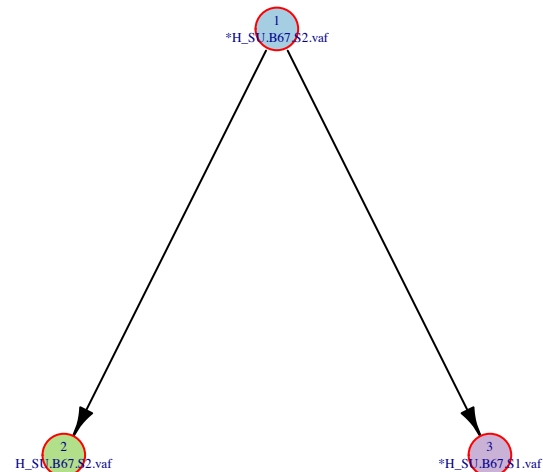
B67

Max (clone cross-sample p) = 0

Figure S4



○ group1

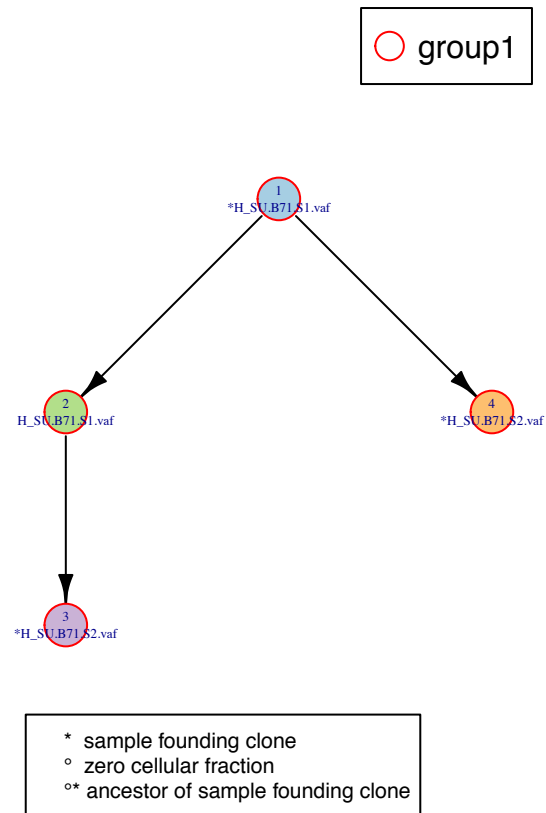
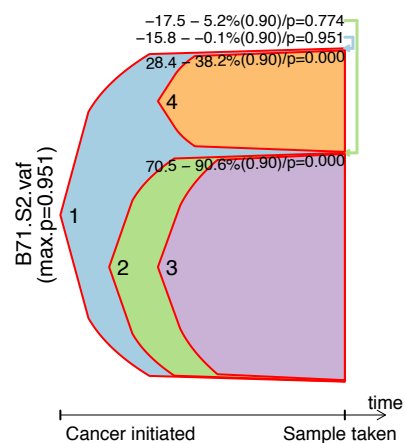
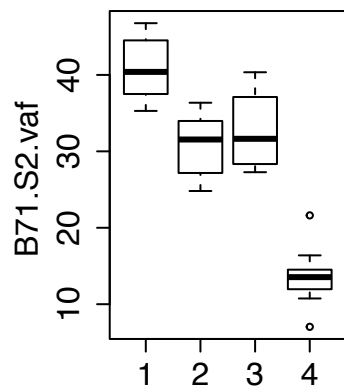
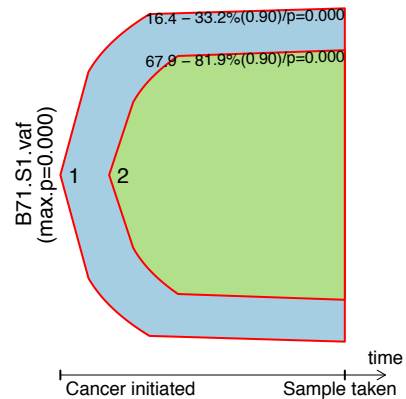
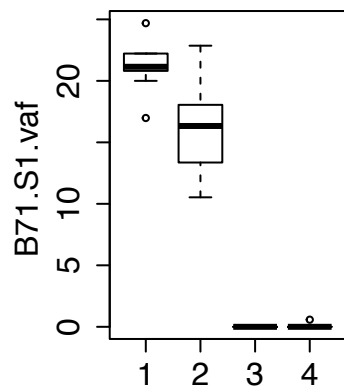


\* sample founding clone  
 ○ zero cellular fraction  
 ○\* ancestor of sample founding clone

B71

Max (clone cross-sample p) = 0

Figure S4

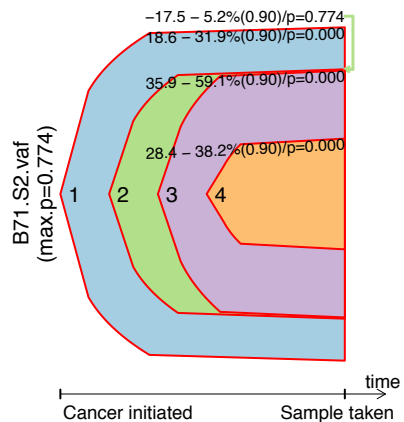
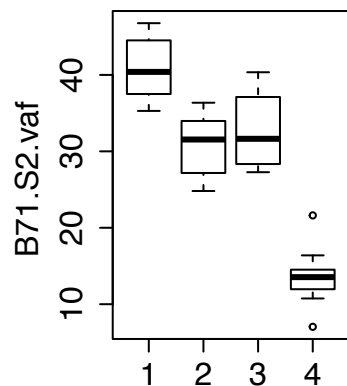
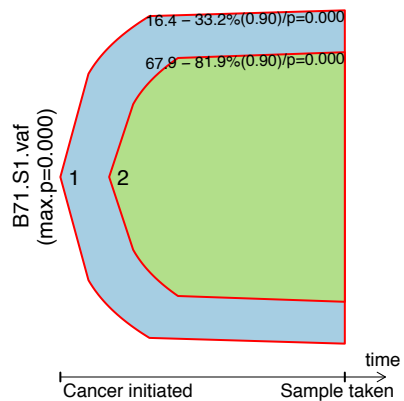
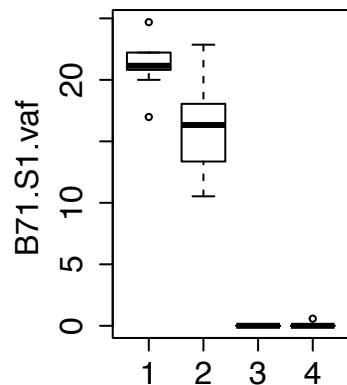




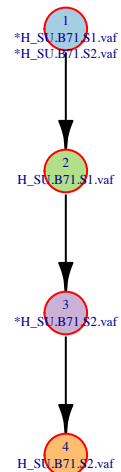
B71

Max (clone cross-sample p) = 0

Figure S4



○ group1

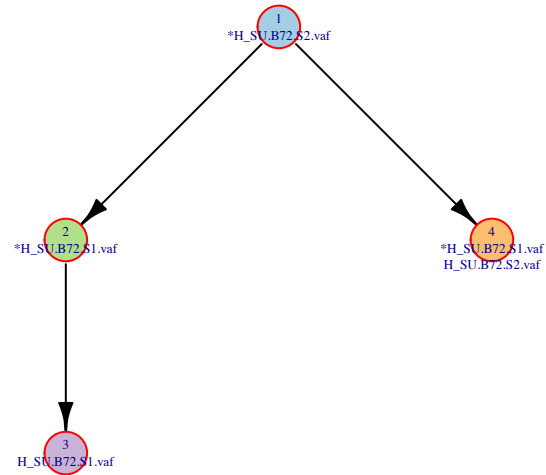
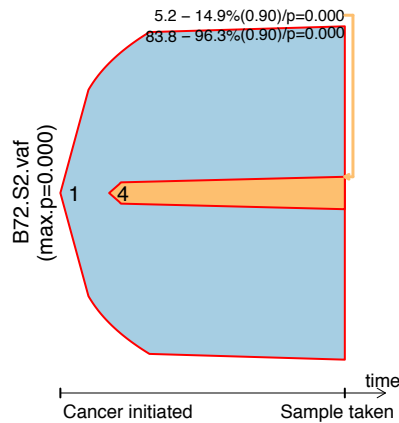
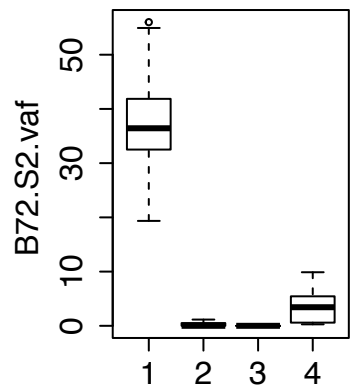
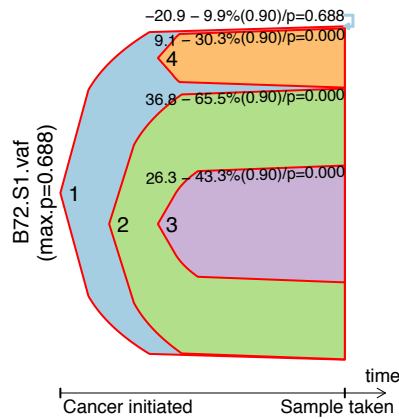
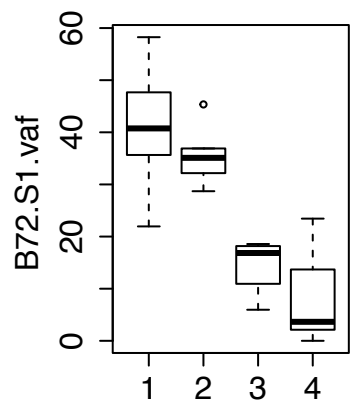


\* sample founding clone  
 ○ zero cellular fraction  
 ○\* ancestor of sample founding clone

Max (clone cross-sample p) = 0

○ group1

B72

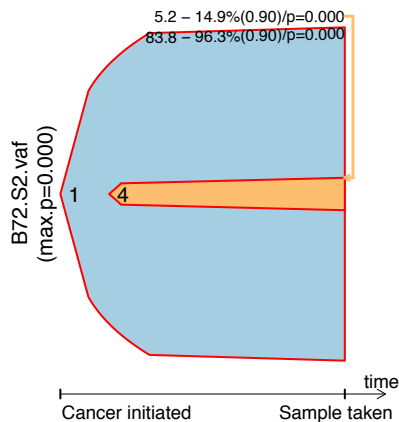
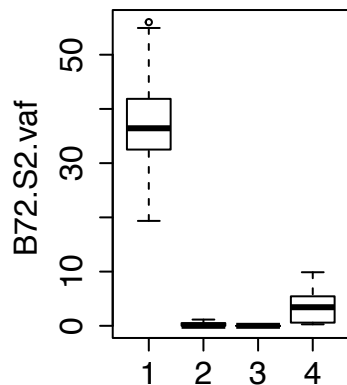
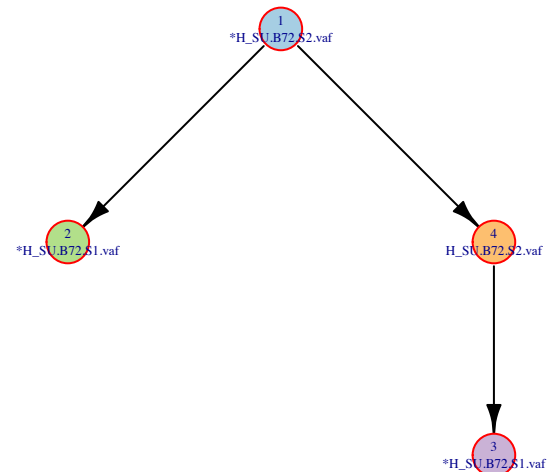
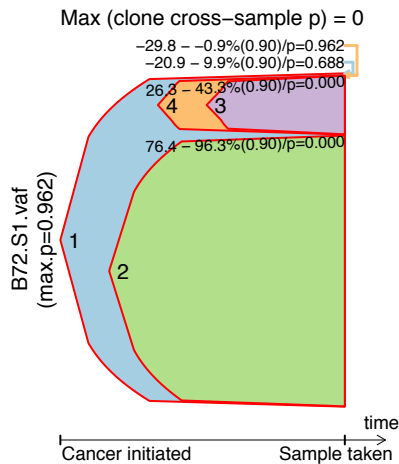
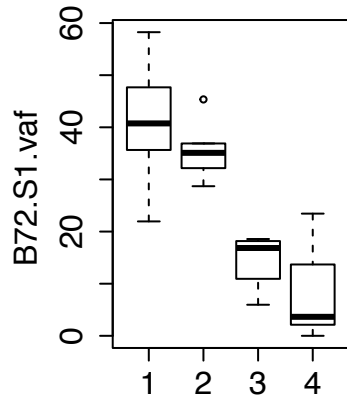


\* sample founding clone  
 ○ zero cellular fraction  
 ○\* ancestor of sample founding clone

B72

Figure S4

○ group1

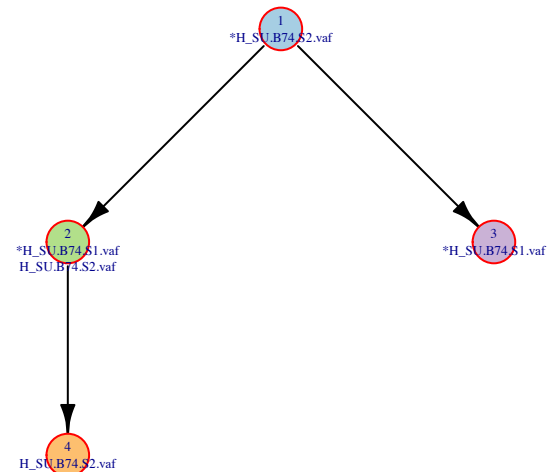
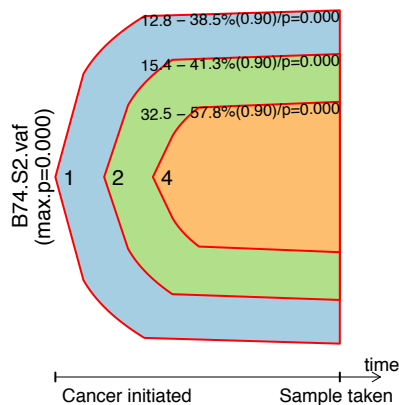
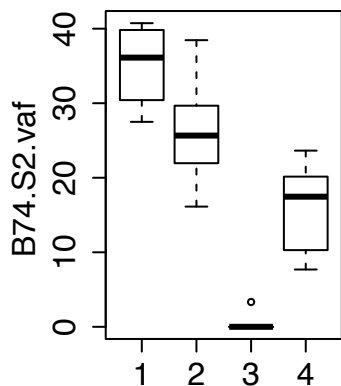
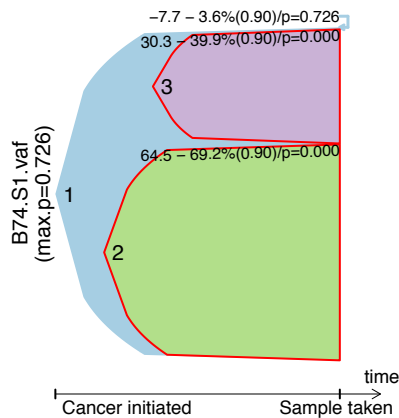
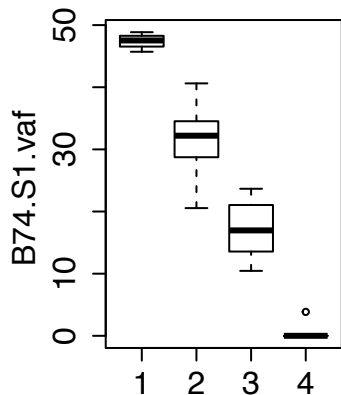


\* sample founding clone  
 ○ zero cellular fraction  
 ○\* ancestor of sample founding clone

○ group1

B74

Max (clone cross-sample p) = 0

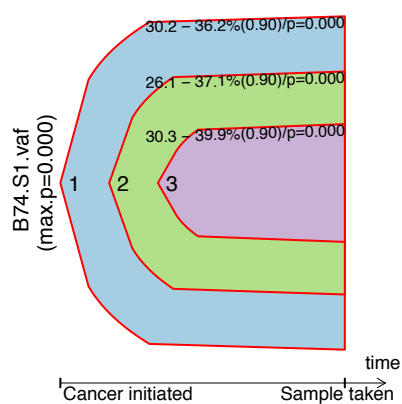
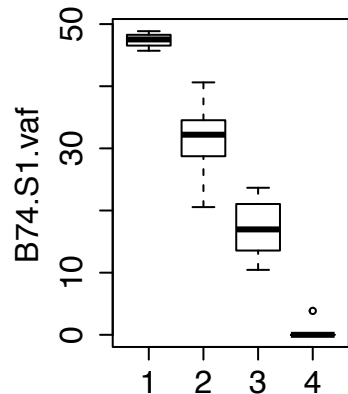


\* sample founding clone  
 ○ zero cellular fraction  
 ○\* ancestor of sample founding clone

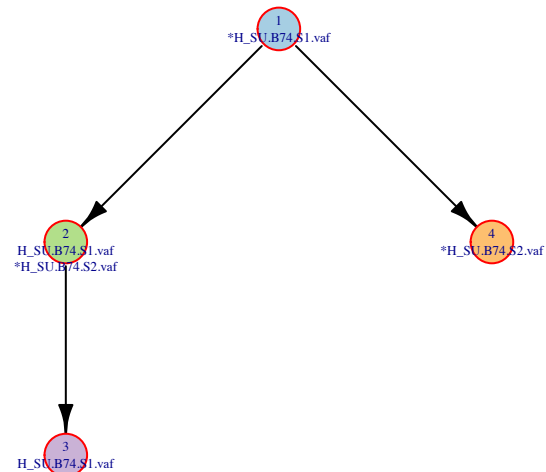
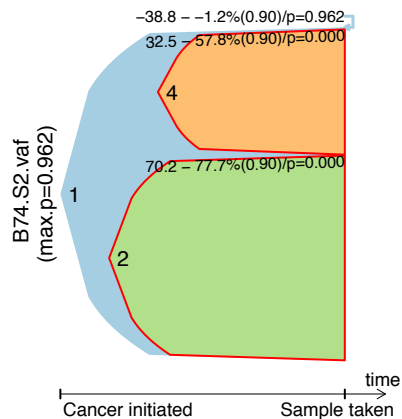
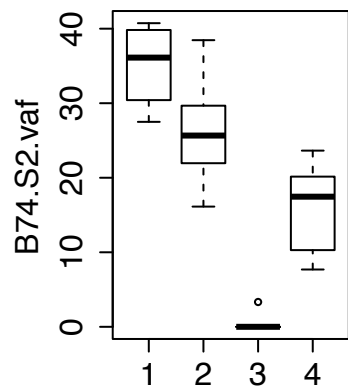
B74

Max (clone cross-sample p) = 0

Figure S4



○ group1



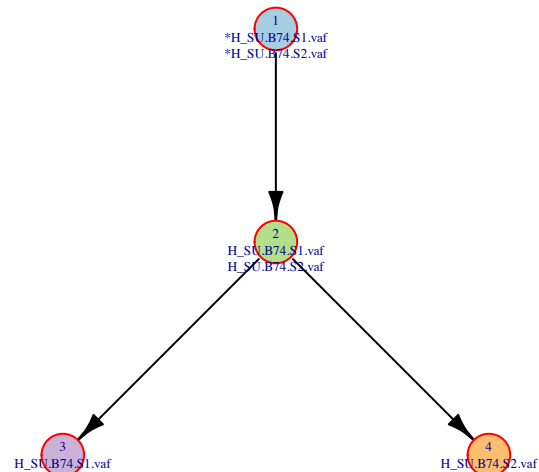
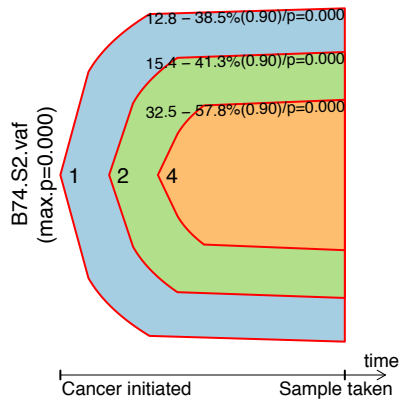
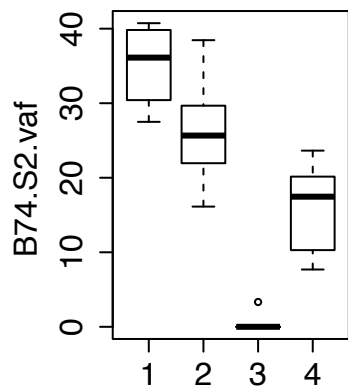
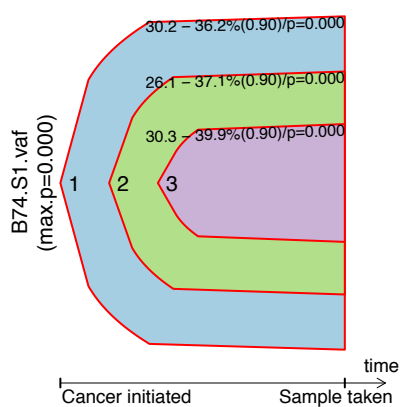
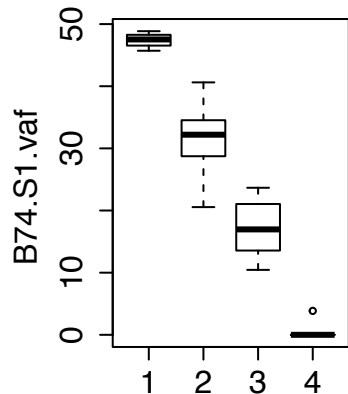
\* sample founding clone  
 ○ zero cellular fraction  
 ○\* ancestor of sample founding clone

B74

Max (clone cross-sample p) = 0

Figure S4

○ group1

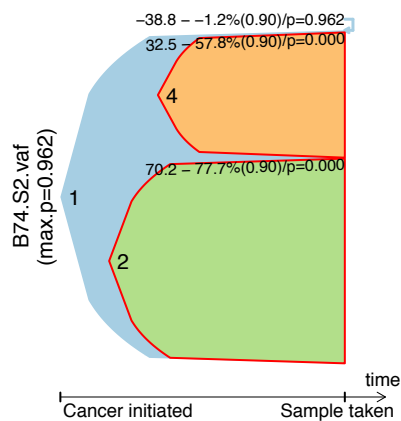
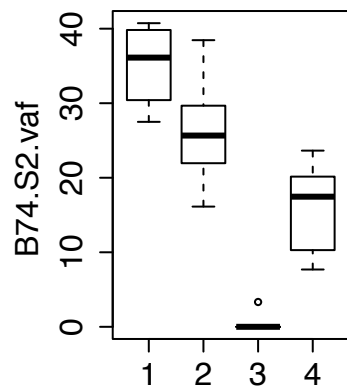
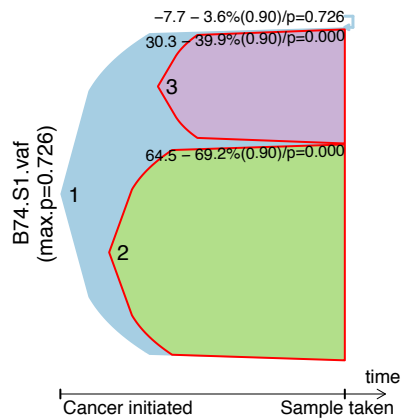
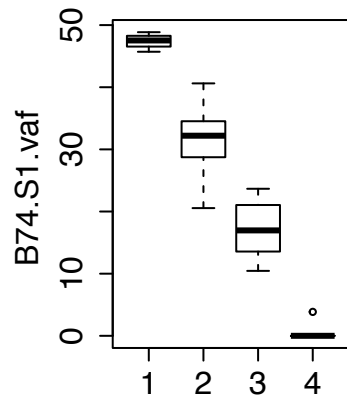


\* sample founding clone  
 ○ zero cellular fraction  
 ○\* ancestor of sample founding clone

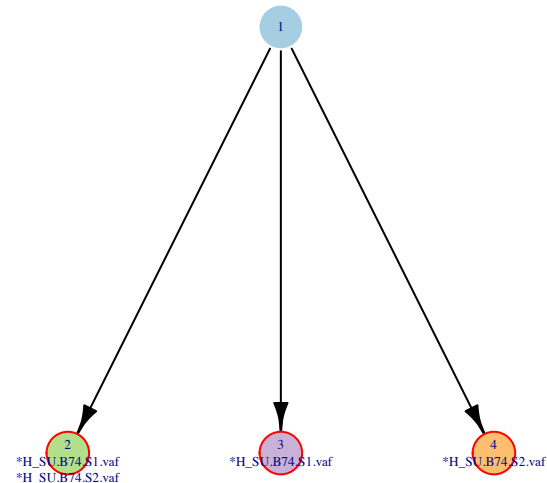
B74

Max (clone cross-sample) = 0.69E

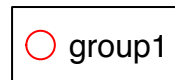
Figure S4



○ group1

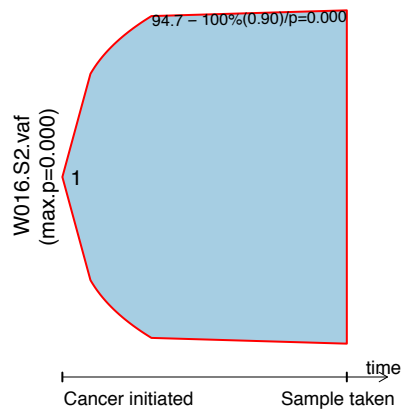
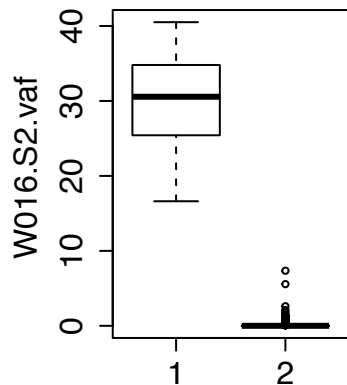
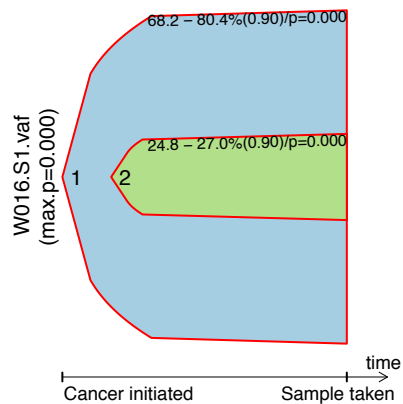
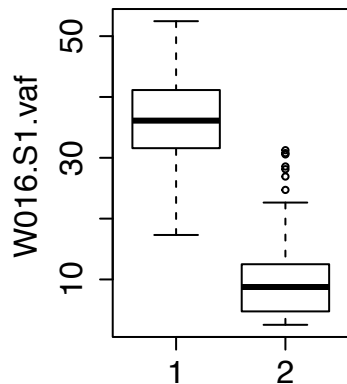


\* sample founding clone  
 ○ zero cellular fraction  
 ○\* ancestor of sample founding clone



Max (clone cross-sample p) = 0

W016



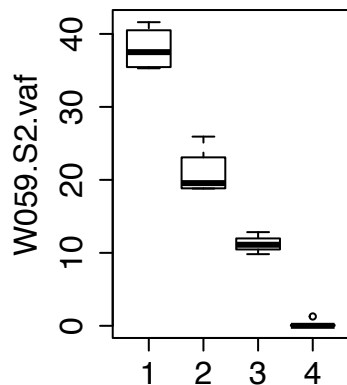
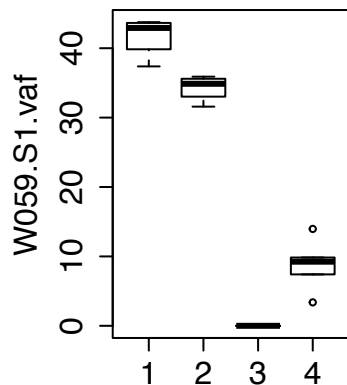
1  
\*H\_SU.W016.S1.vaf  
\*H\_SU.W016.S2.vaf

2  
H\_SU.W016.S1.vaf

- \* sample founding clone
- zero cellular fraction
- \* ancestor of sample founding clone



W059



Max (clone cross-sample p) = 0

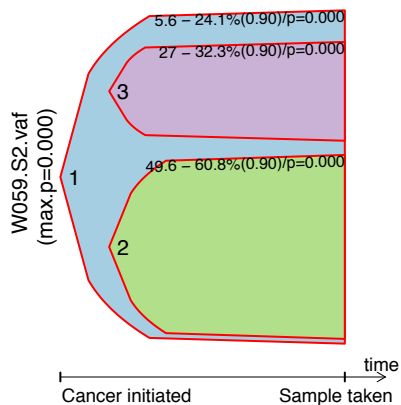
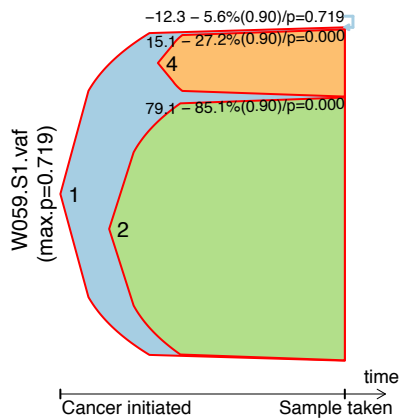
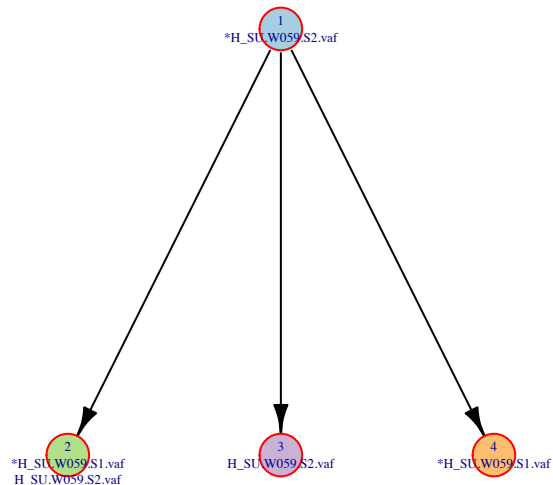


Figure S4

○ group1



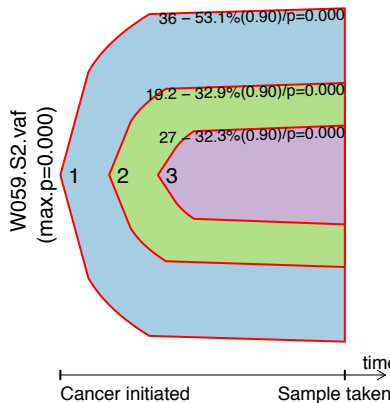
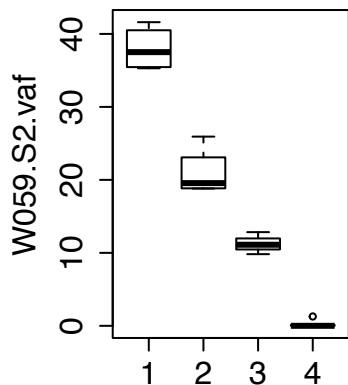
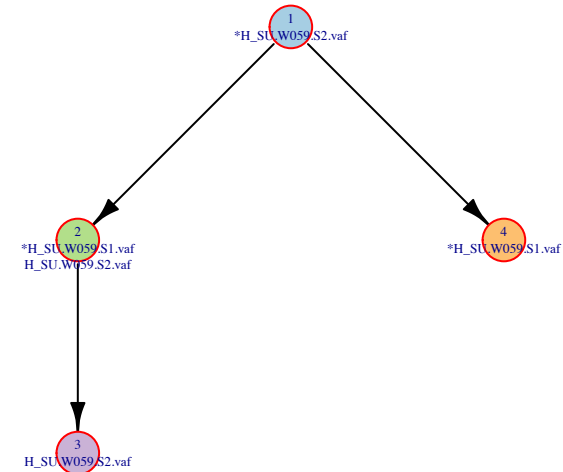
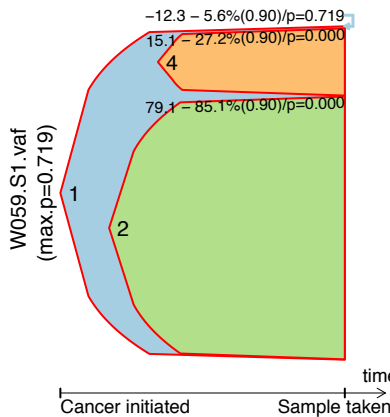
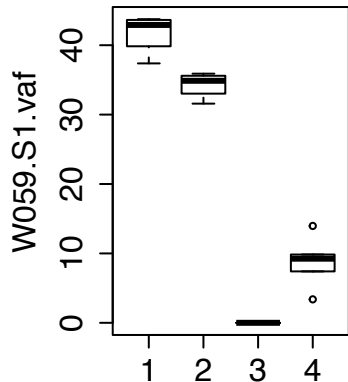
\* sample founding clone  
 ○ zero cellular fraction  
 ○\* ancestor of sample founding clone

W059

Max (clone cross-sample p) = 0

Figure S4

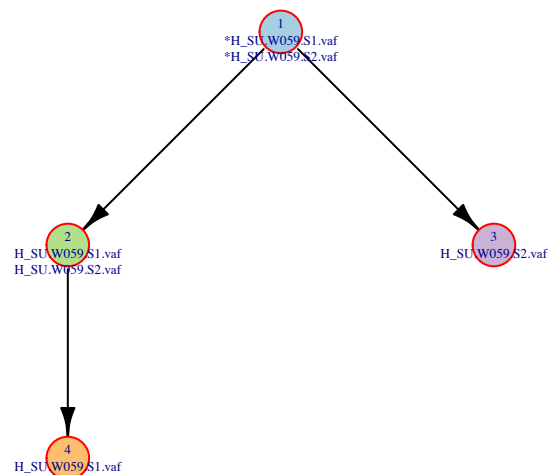
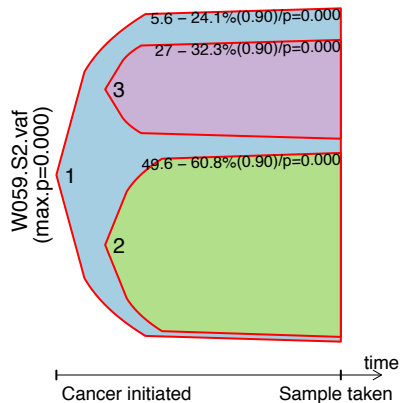
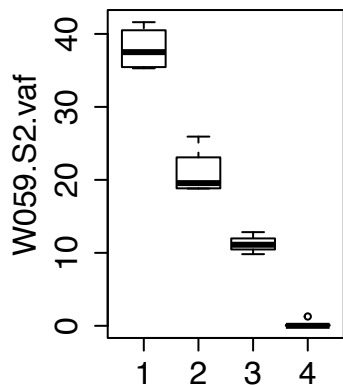
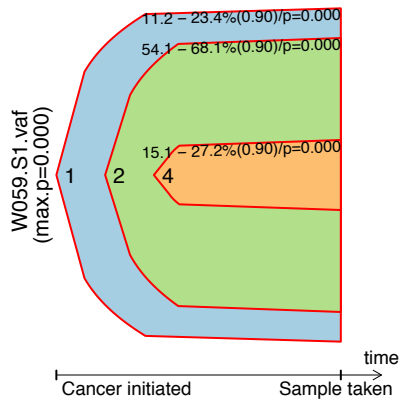
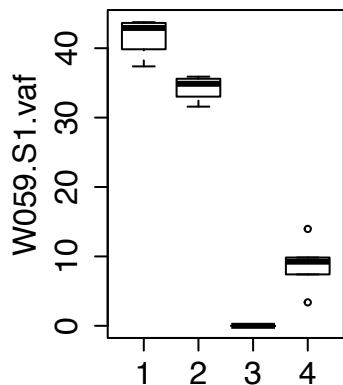
○ group1



\* sample founding clone  
 ○ zero cellular fraction  
 ○\* ancestor of sample founding clone

W059

Max (clone-sample p) = 0



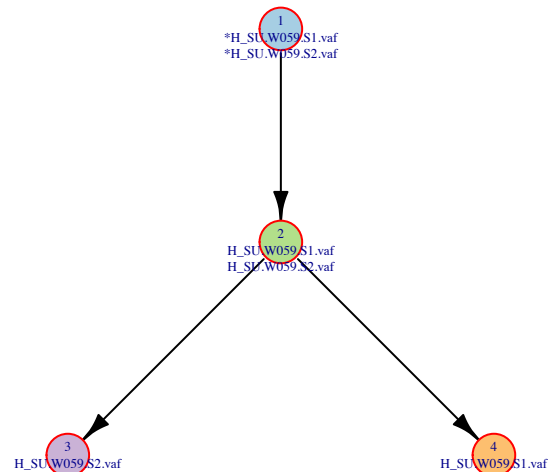
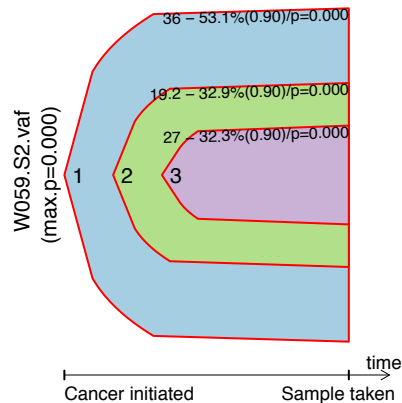
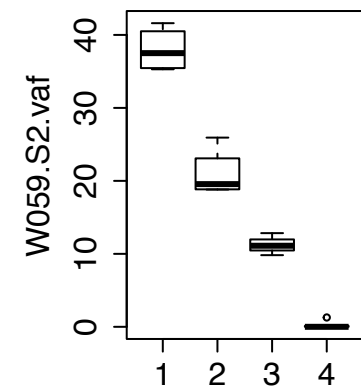
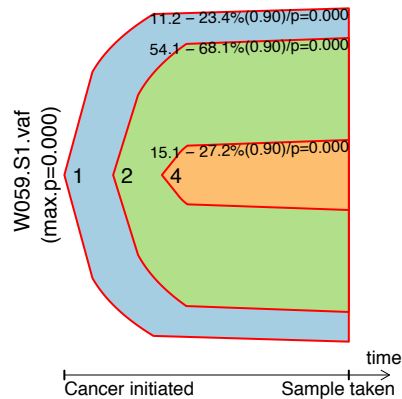
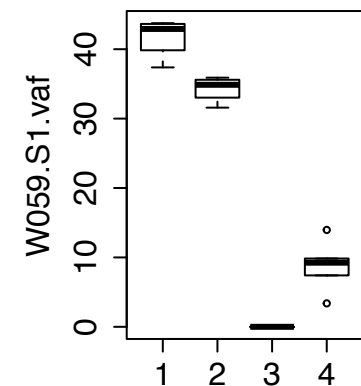
- \* sample founding clone
- o zero cellular fraction
- o\* ancestor of sample founding clone

W059

Max (clone cross-sample p) = 0

Figure S4

○ group1



\* sample founding clone  
 ○ zero cellular fraction  
 ○\* ancestor of sample founding clone

Figure S5

