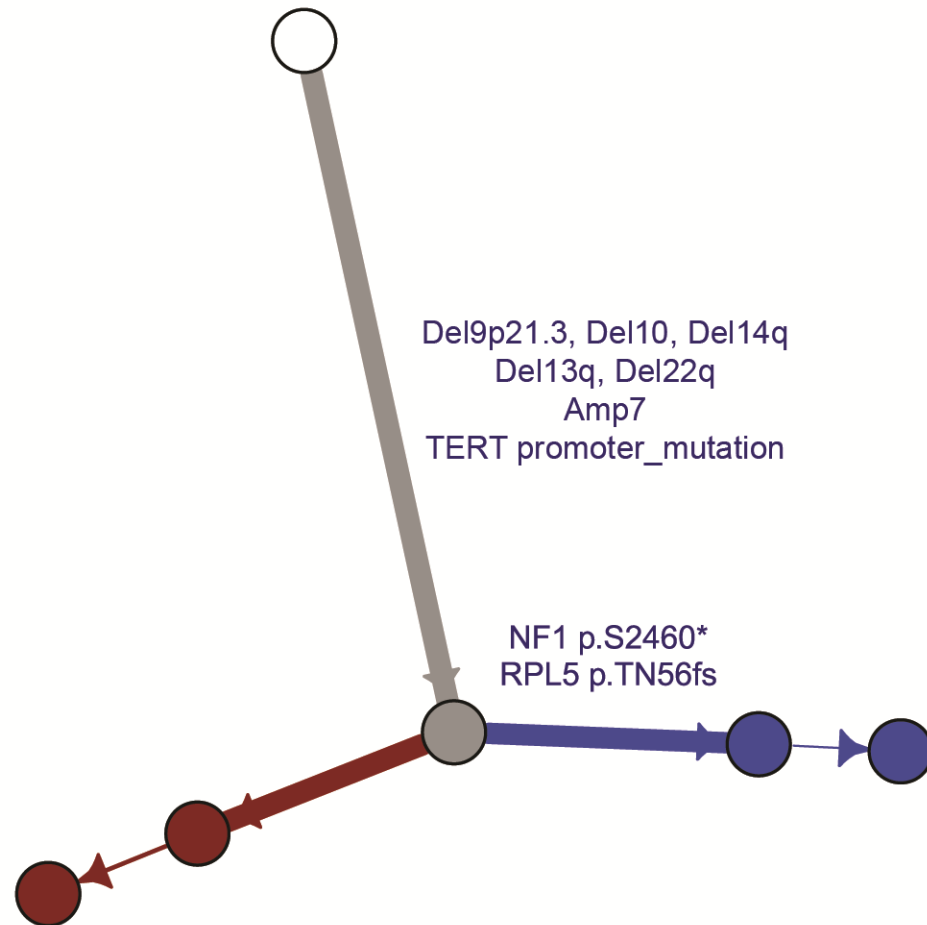


Supplementary figures

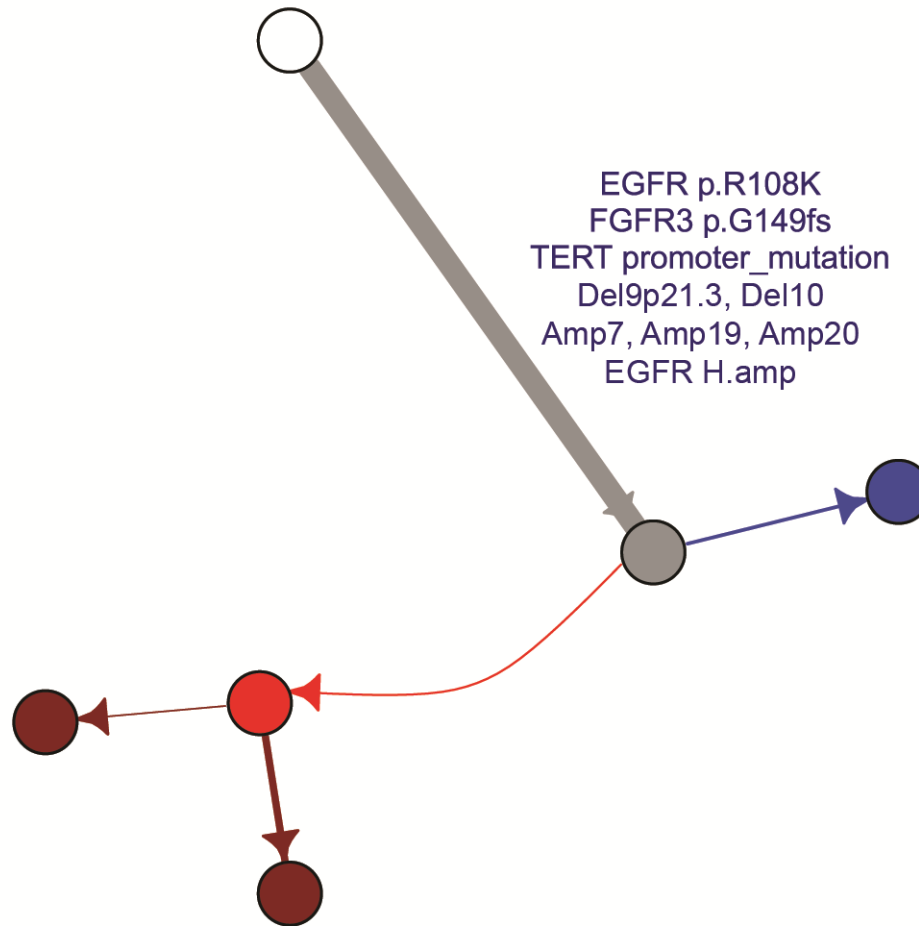
Supplementary Figure 1A

GS-10



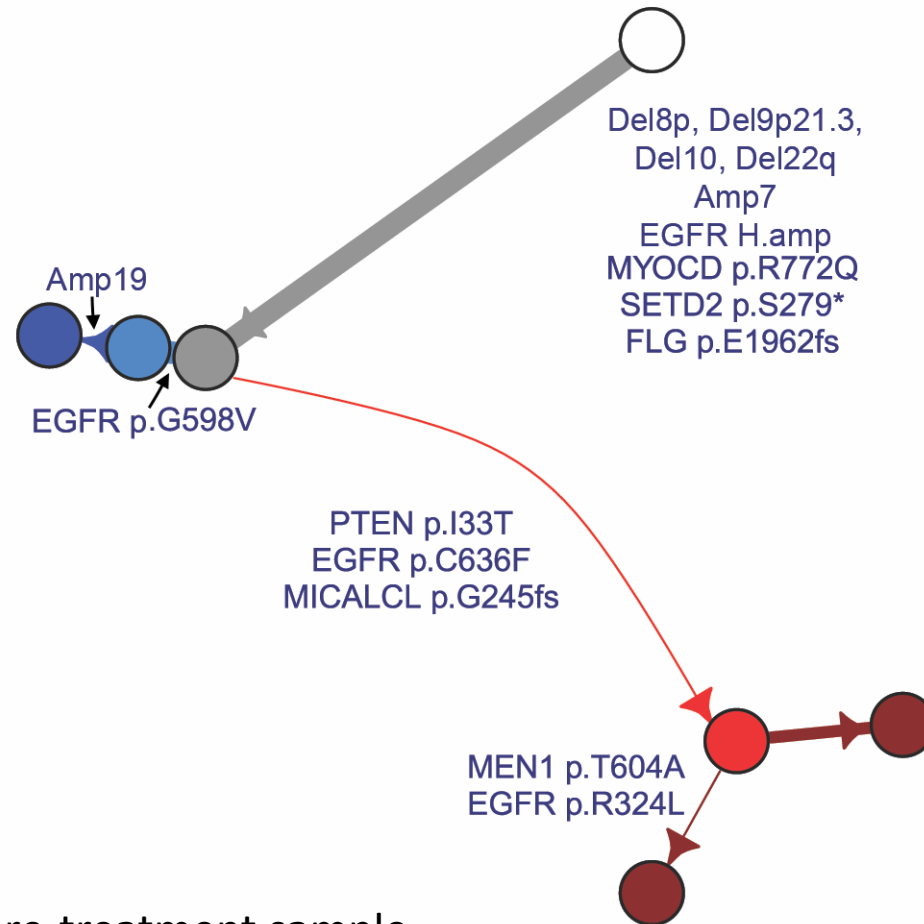
Supplementary Figure 1B

GS-03



Supplementary Figure 1C

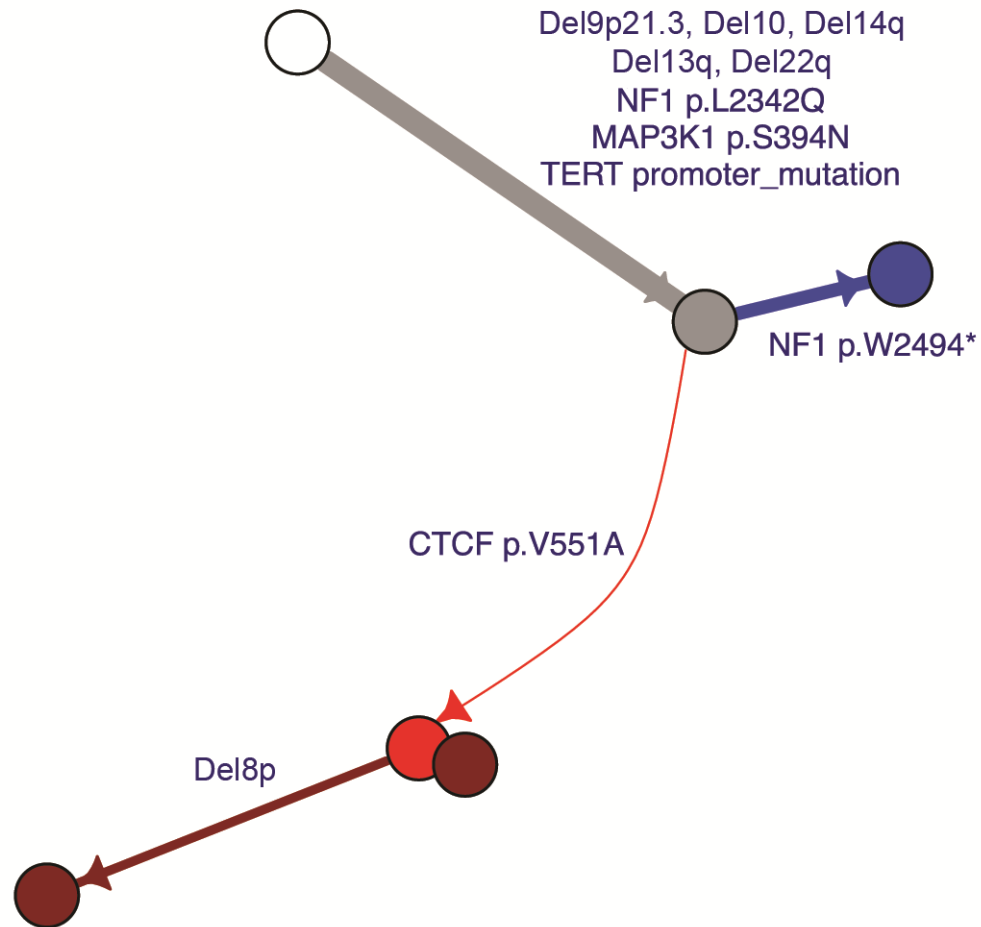
GS-05



No fluidigm data for the pre-treatment sample
TERT clonal in post-treatment sample

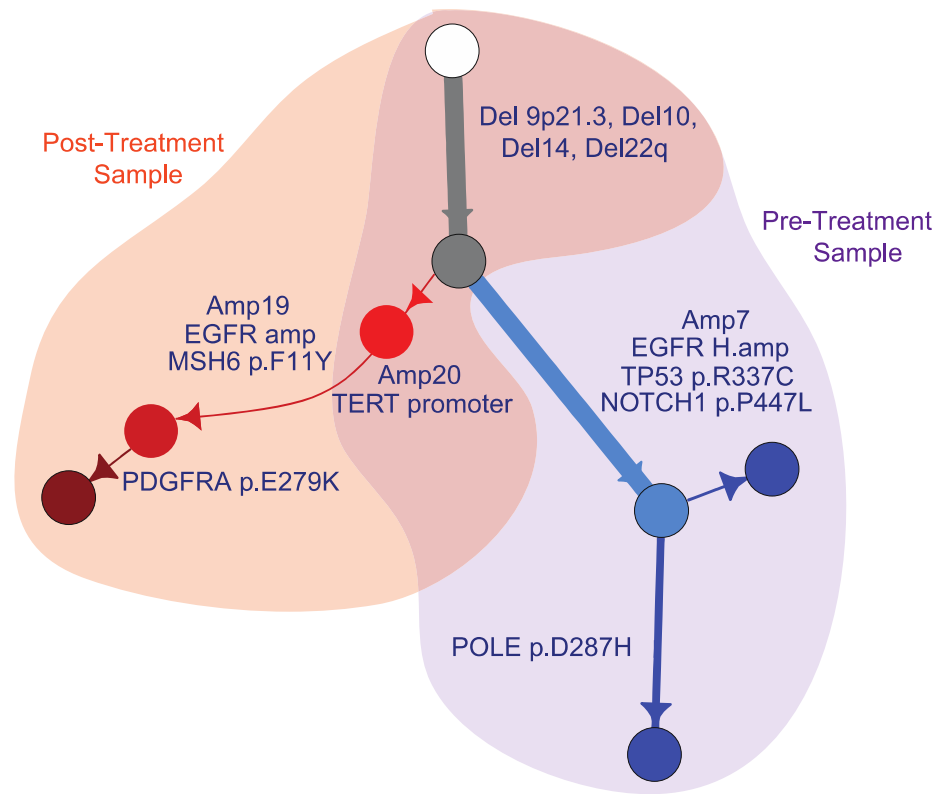
Supplementary Figure 1D

GS-07



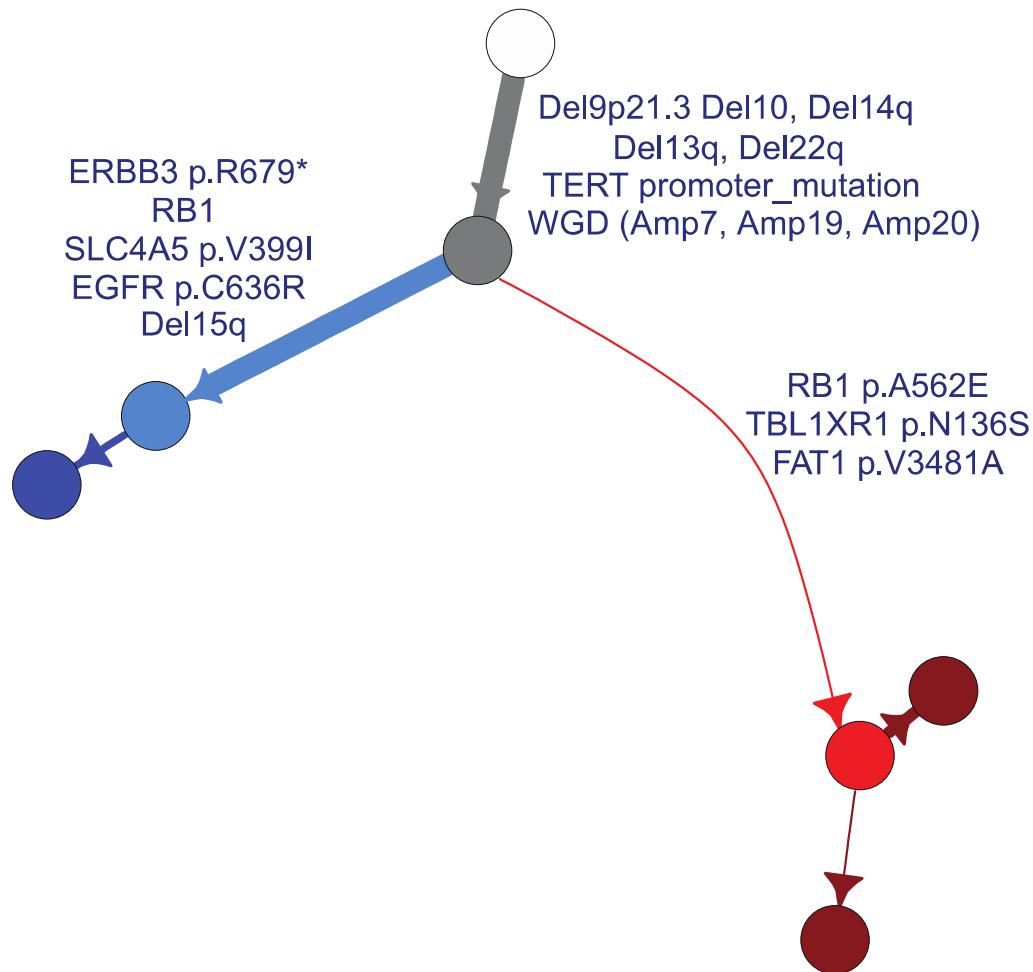
Supplementary Figure 1E

GS-01



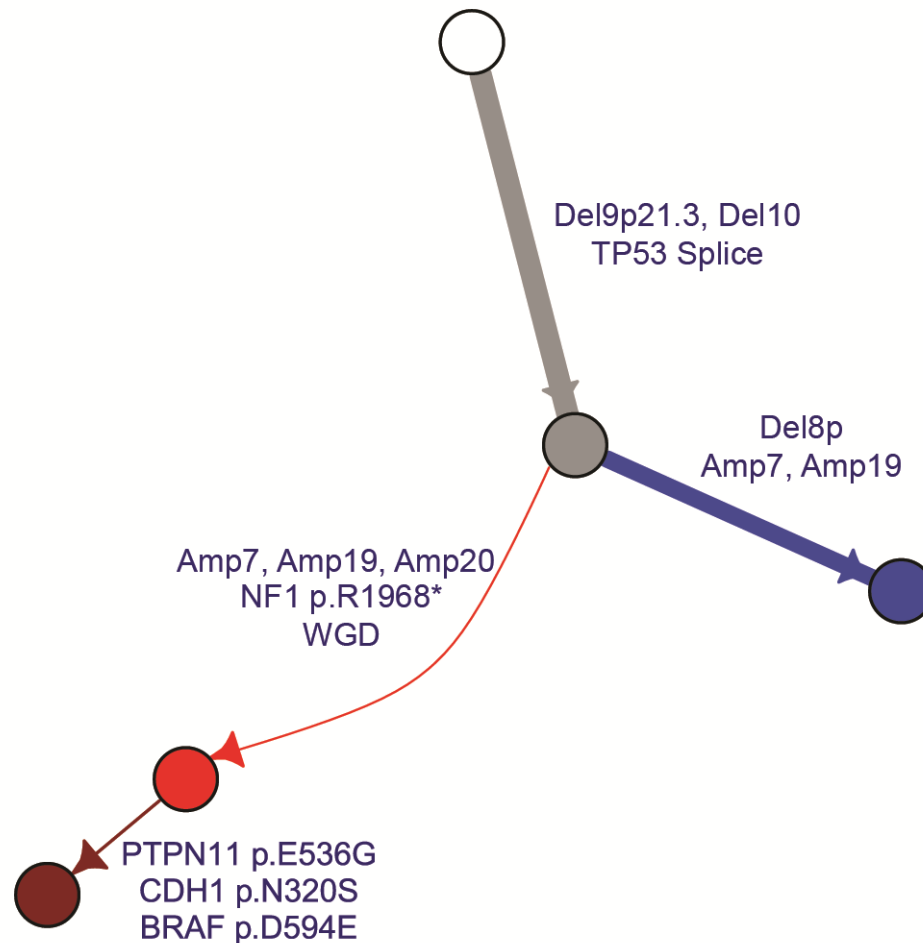
Supplementary Figure 1F

GS-14 (LUNG)



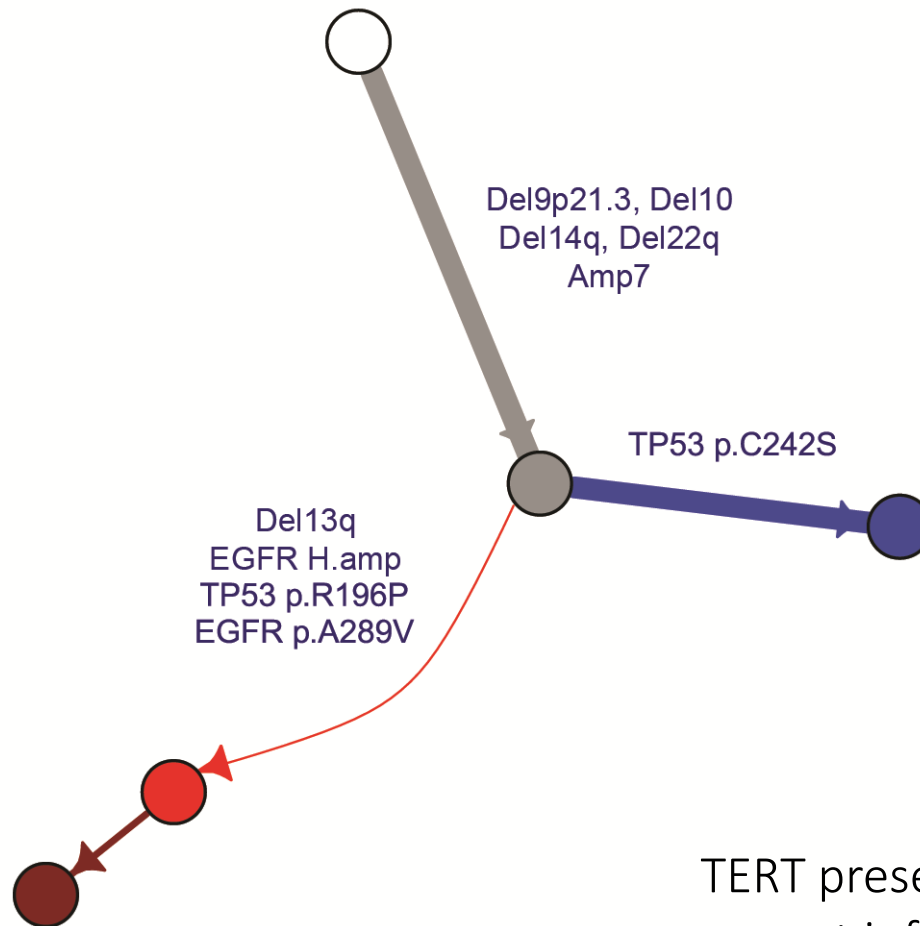
Supplementary Figure 1G

GS-08 (LUNG)



Supplementary Figure 1H

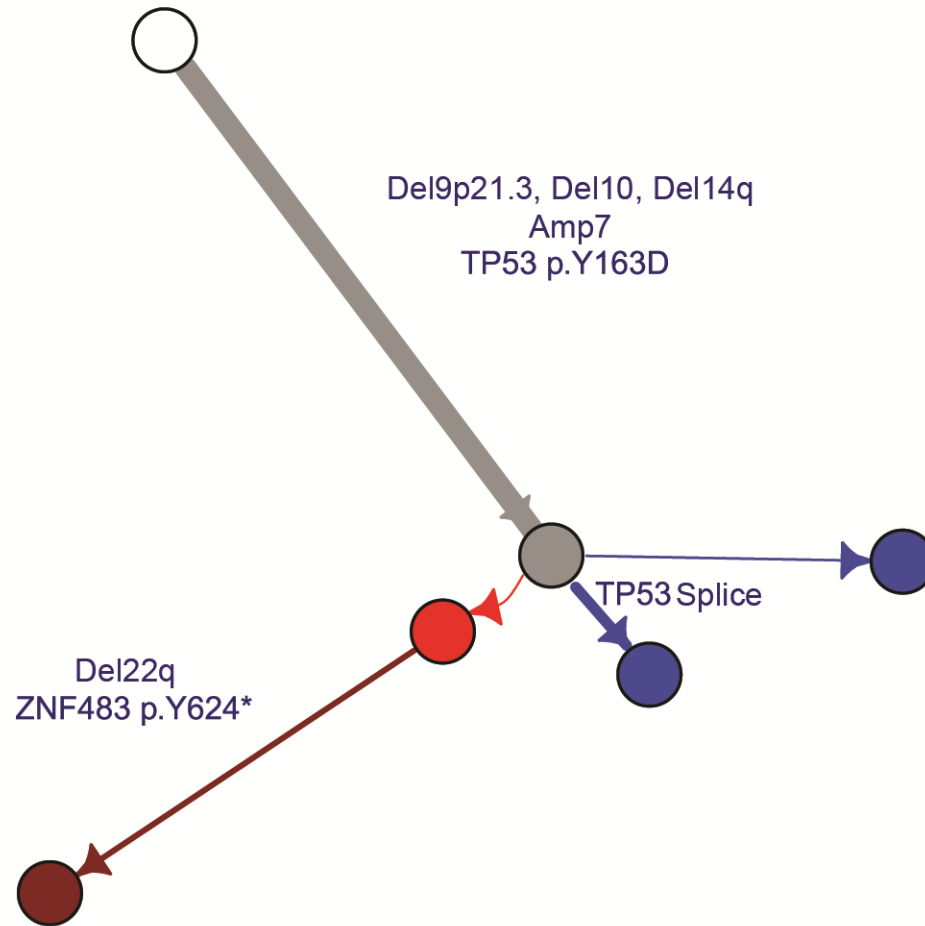
GS-09



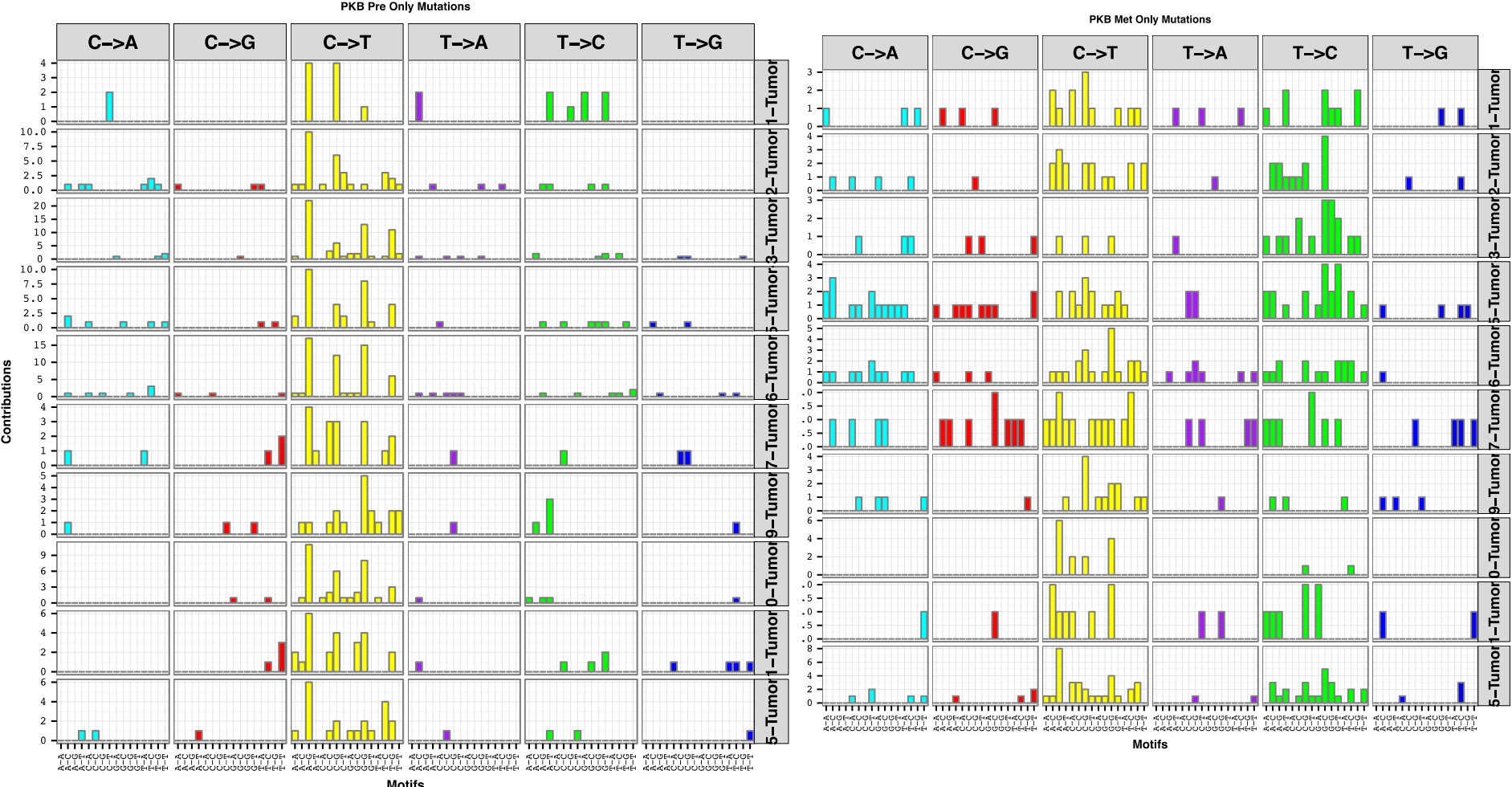
TERT present in both samples,
cannot infer clonality because
different DNA aliquots

Supplementary Figure 1I

GS-11



Supplementary Figure 2



Supplementary Table 1: Mutation Rates

Mutation Rate Comparison	Pre-treatment			Post-treatment autopsy			p-value (Mann-Whitney)
	Mean	Minimum	Maximum	Mean	Minimum	Maximum	
All mutations	0.4391	0.1336	1.1796	1.2015	0.4255	2.0028	0.0081
Clonal mutations	0.1627	0.0000	0.5617	0.5907	0.0809	1.3267	0.021
Subclonal mutations	0.2764	0.0000	0.6762	0.6108	0.1596	1.3947	0.0774
SNVs	0.2808	0.0534	0.8425	0.7379	0.3508	1.3265	0.0062
Indels	0.0151	0.0000	0.0562	0.0960	0.0000	0.1808	0.029