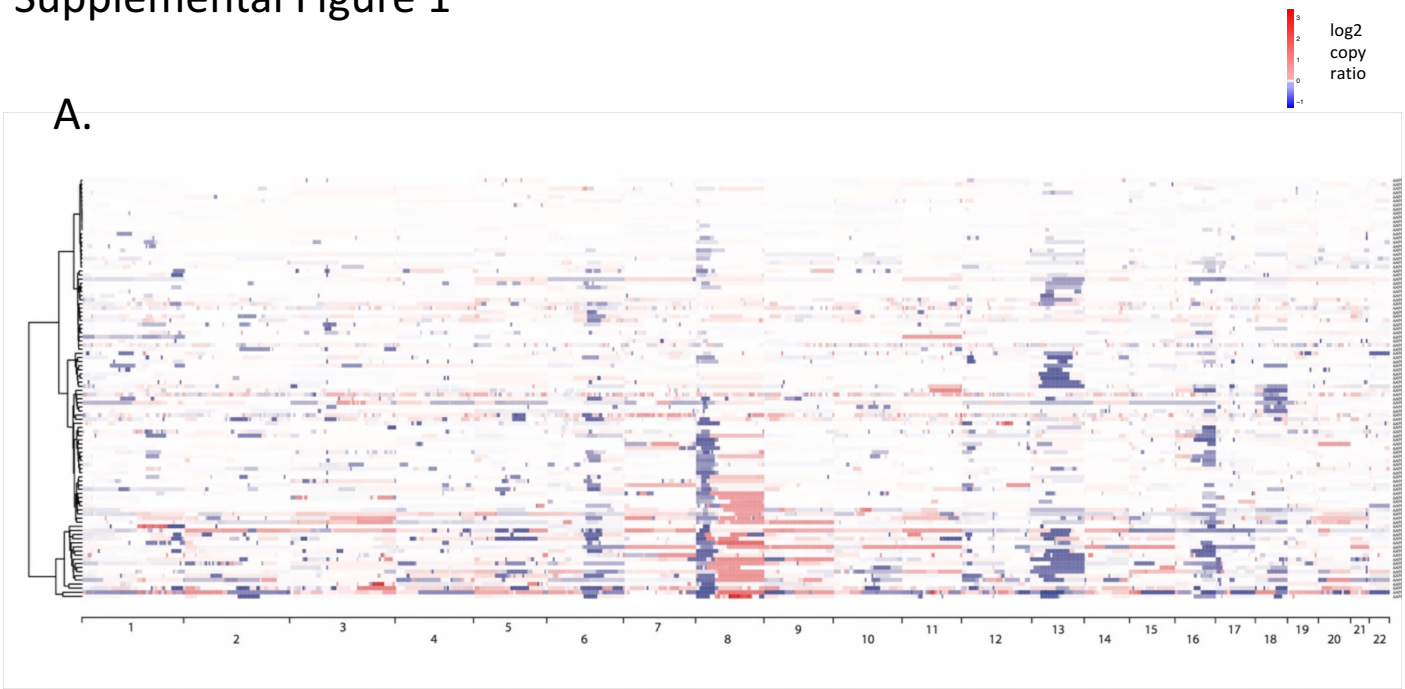
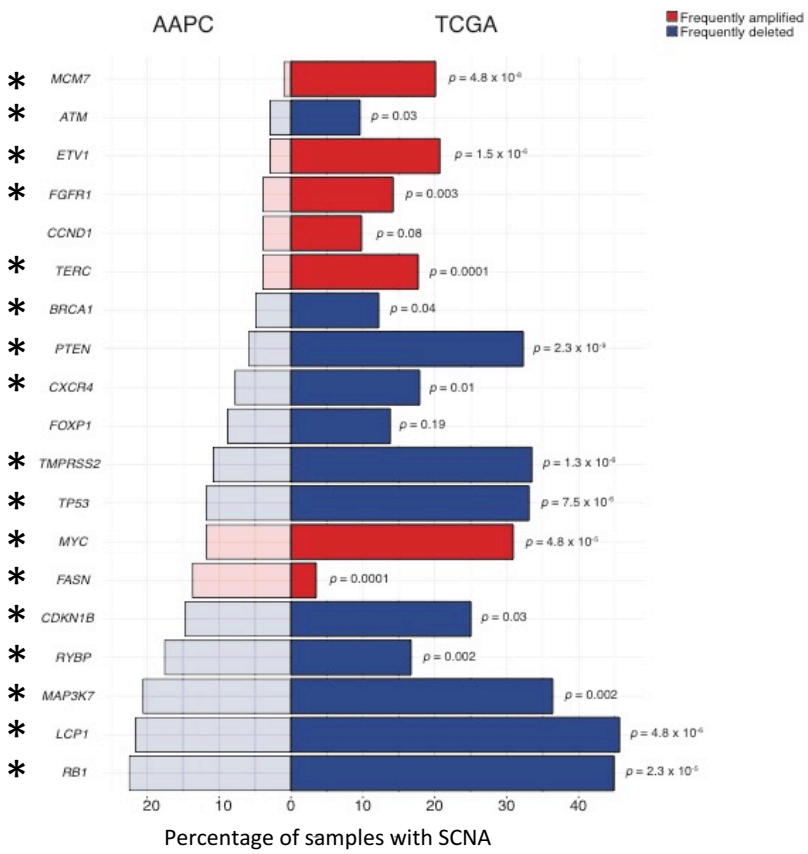
# Supplemental Figure 1

A.

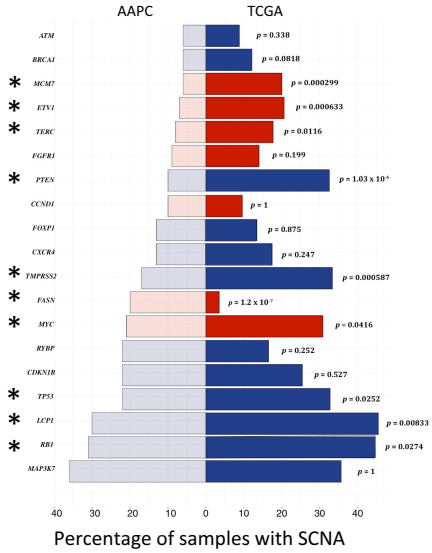



B.

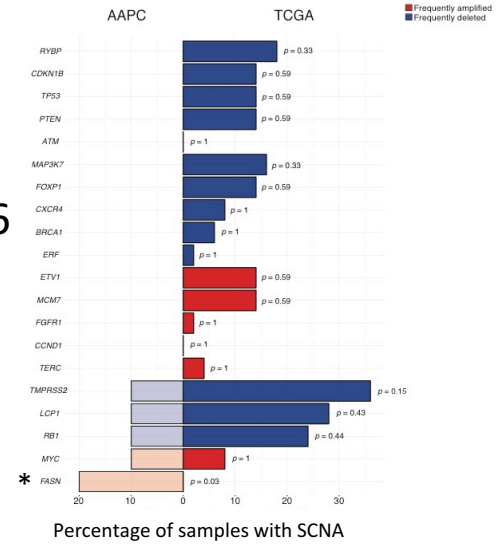


# Supplemental Figure 2

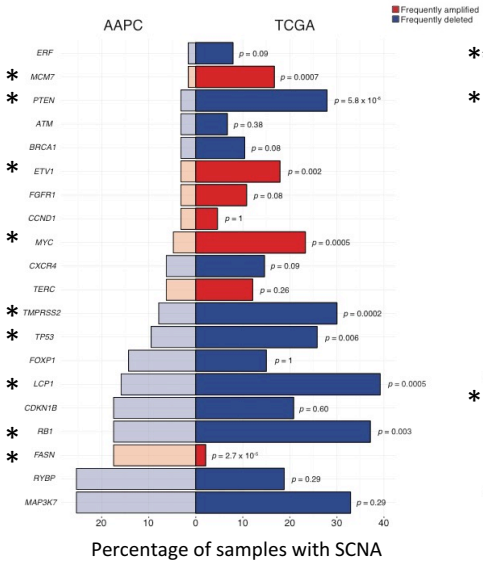
Lower AAPC SCNA threshold



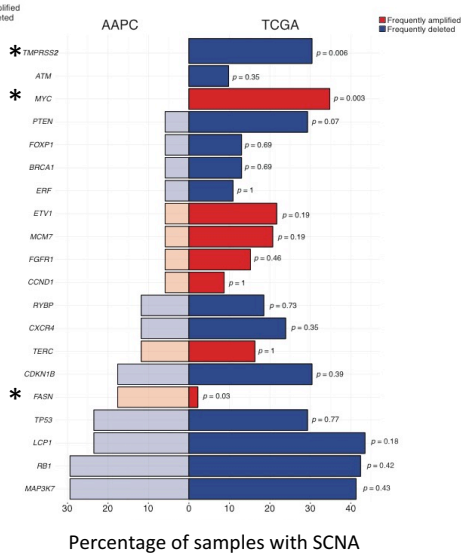

Gleason 6



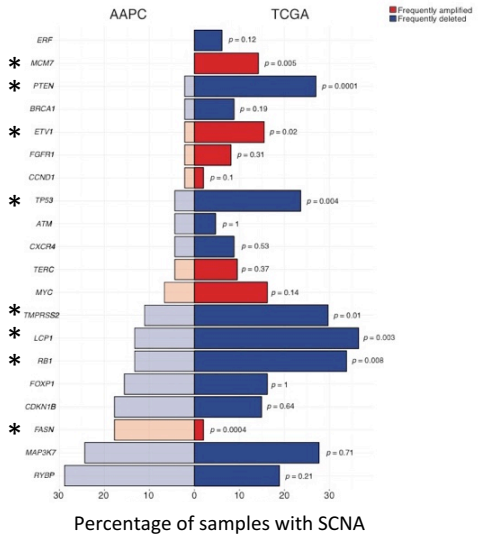

Gleason 7



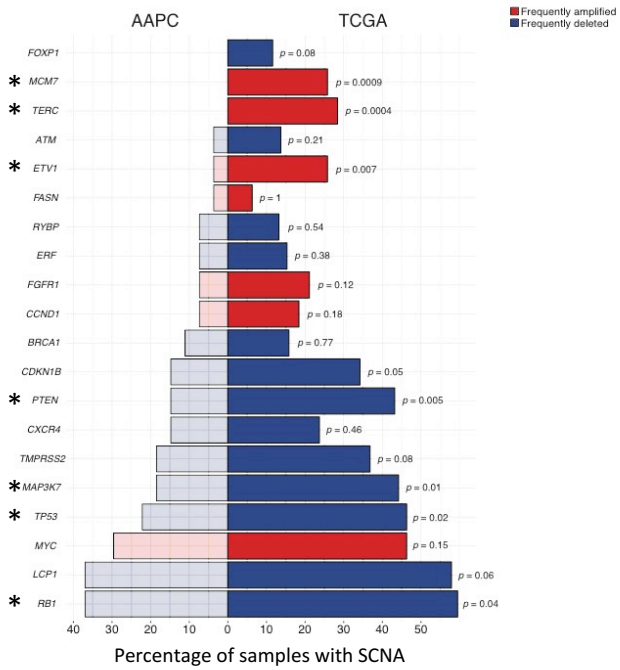

4 + 3



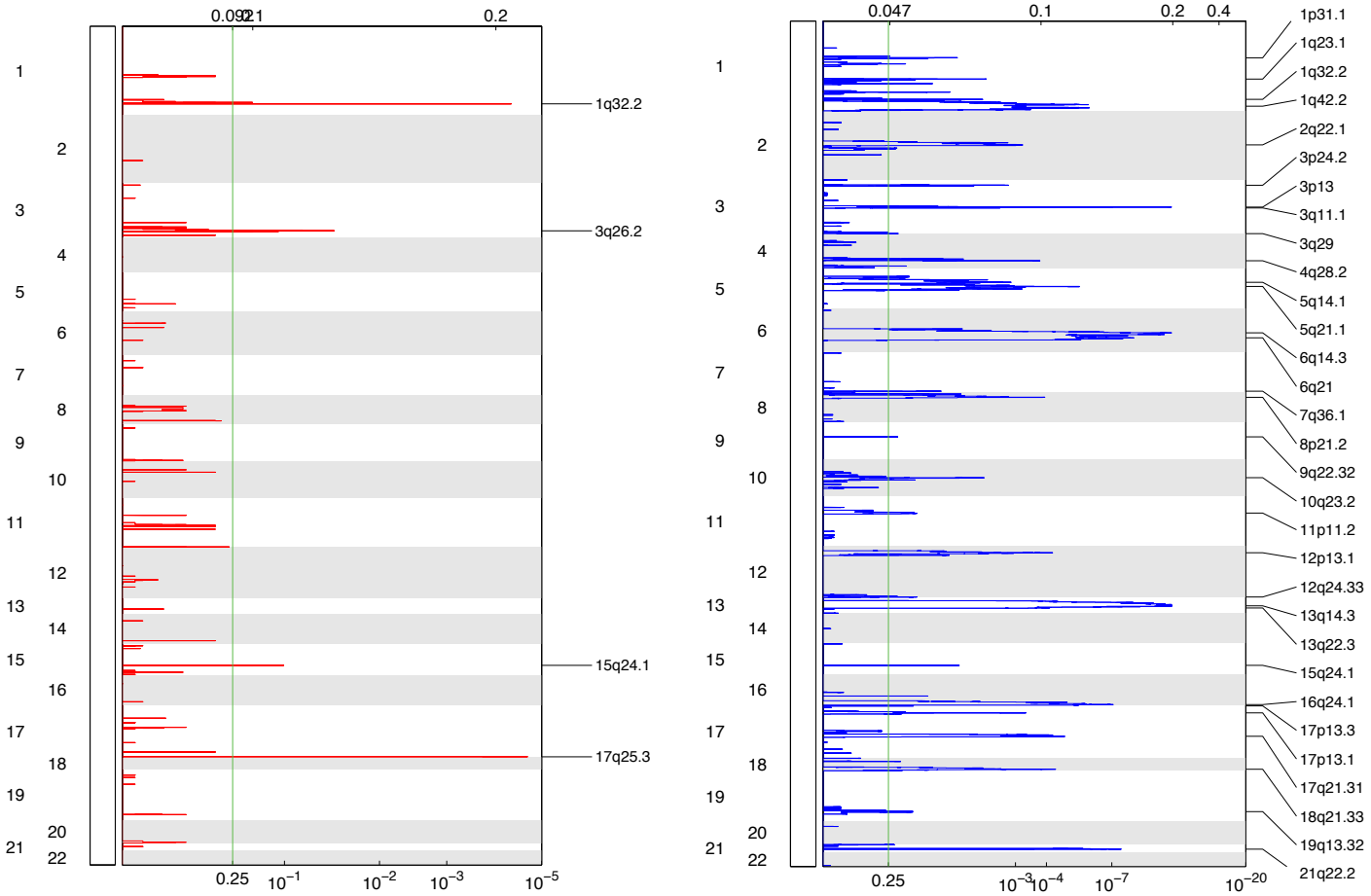

3 + 4




Gleason 8+

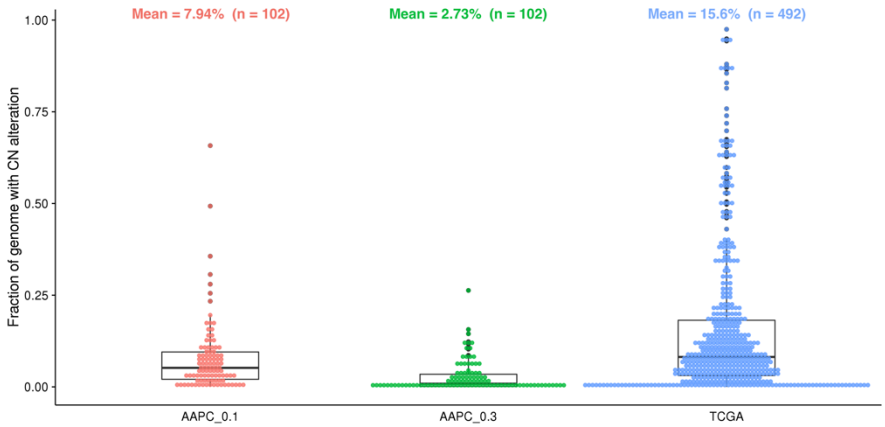


# Supplemental Figure 3

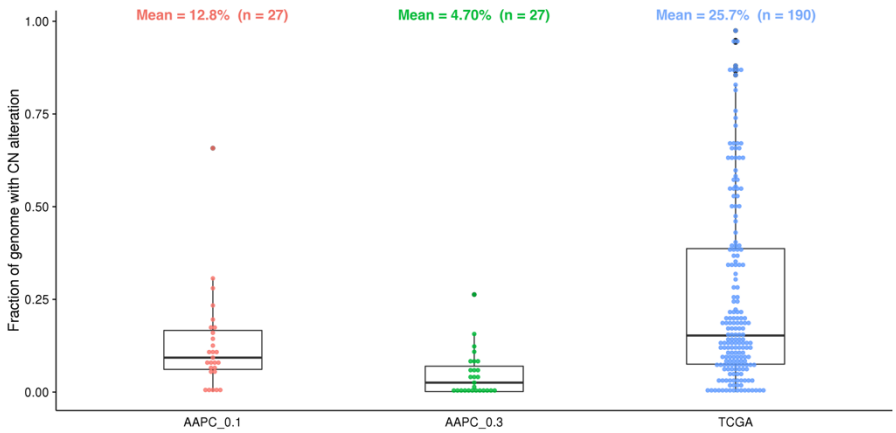


# Supplemental Figure 4

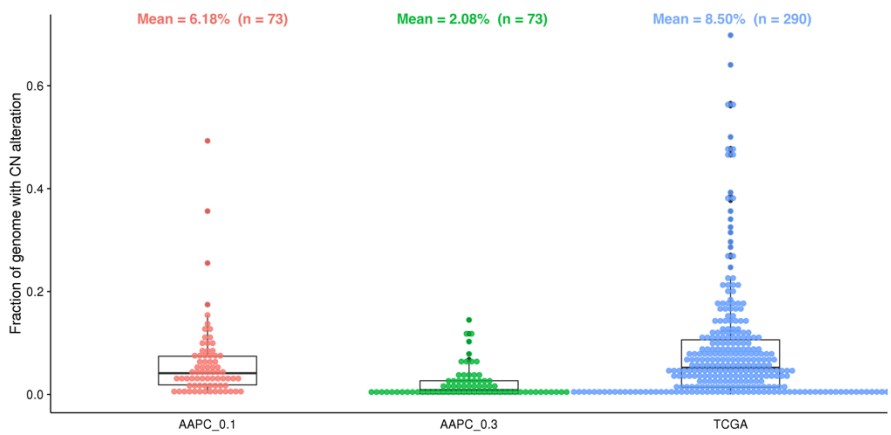
All tumors



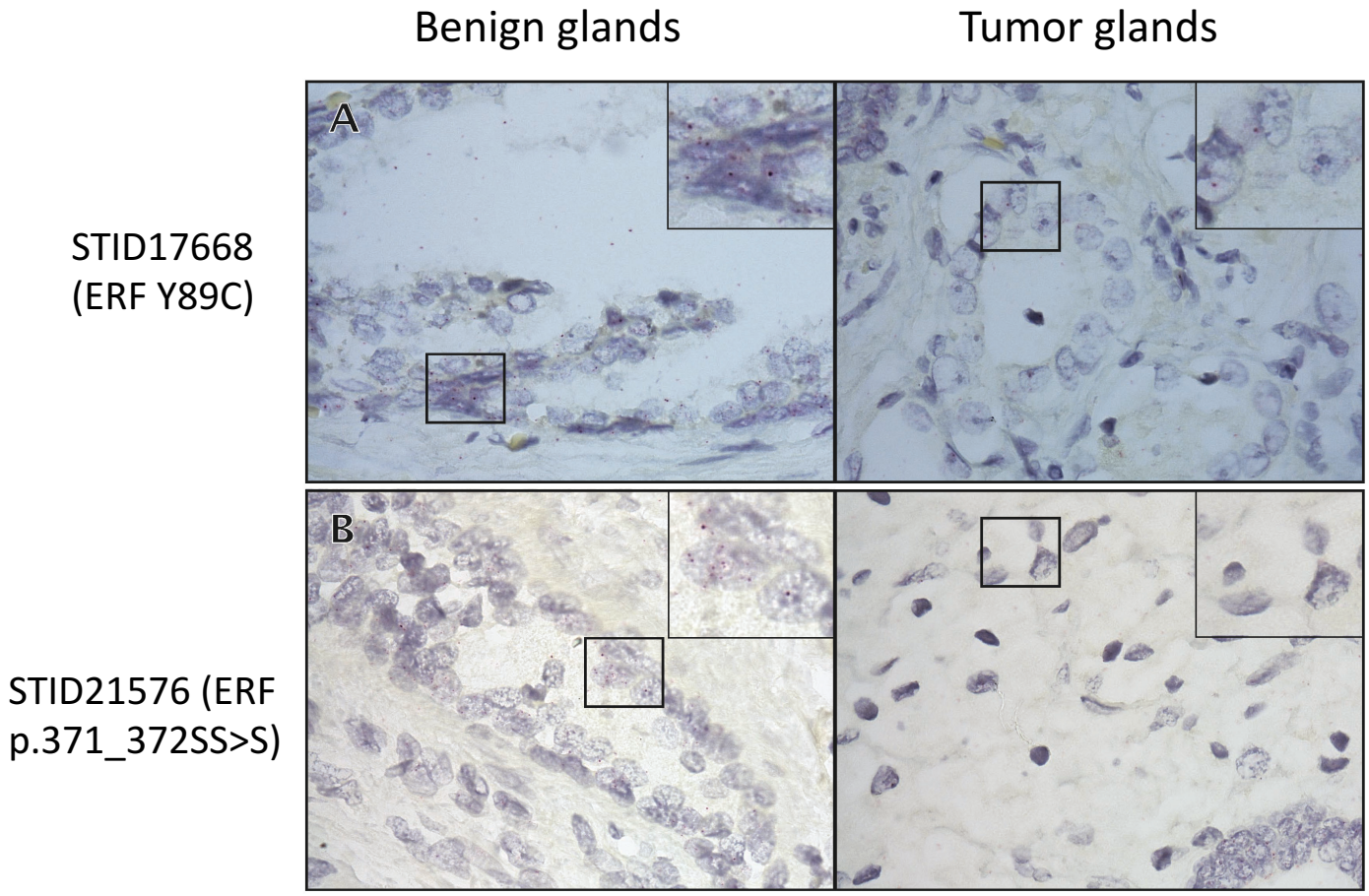

Gleason 8 and higher tumors




Gleason 7 and lower tumors

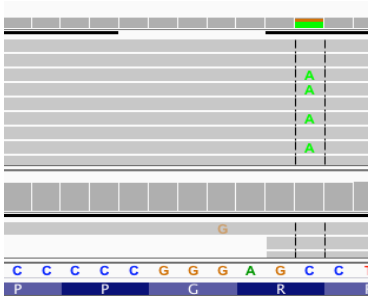


Supplemental Figure 5

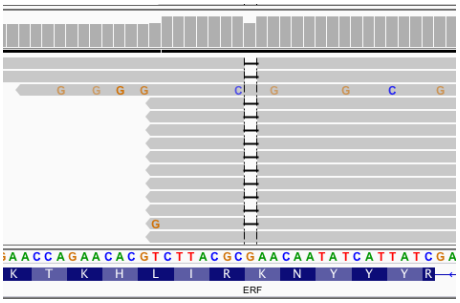


# Supplemental Figure 6

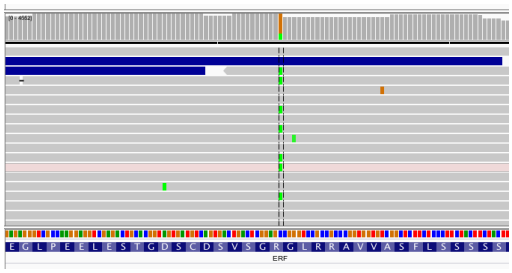
R218*



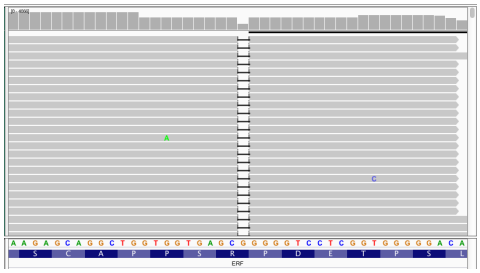
K91fs



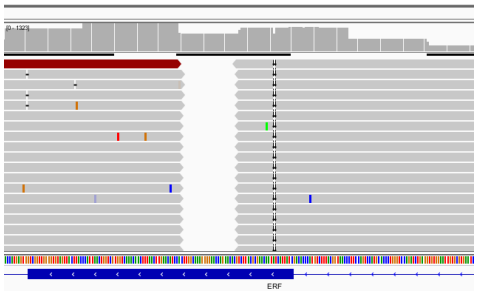
R183*



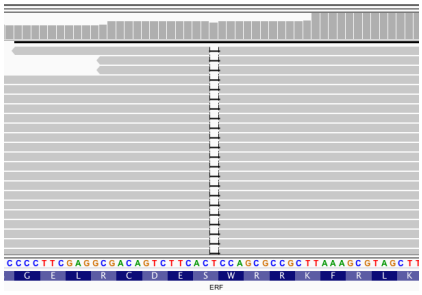
R160fs



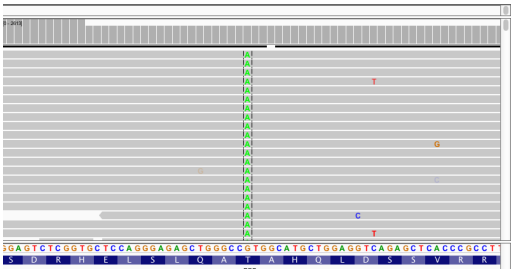
Y89fs



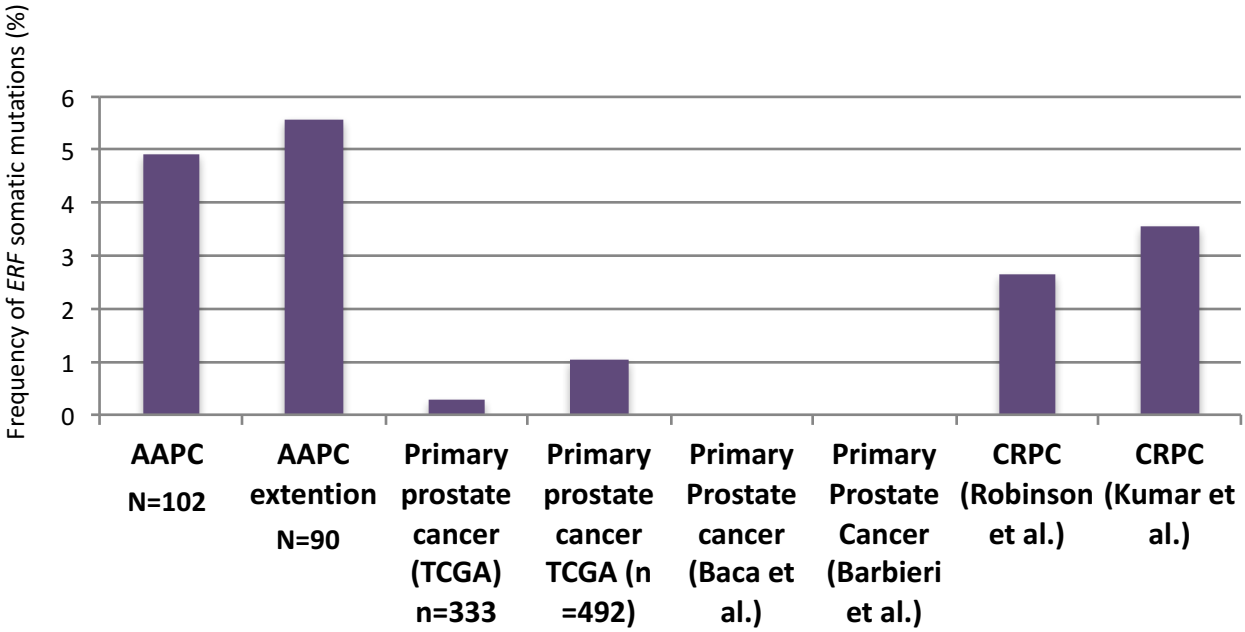
S489fs



T538M

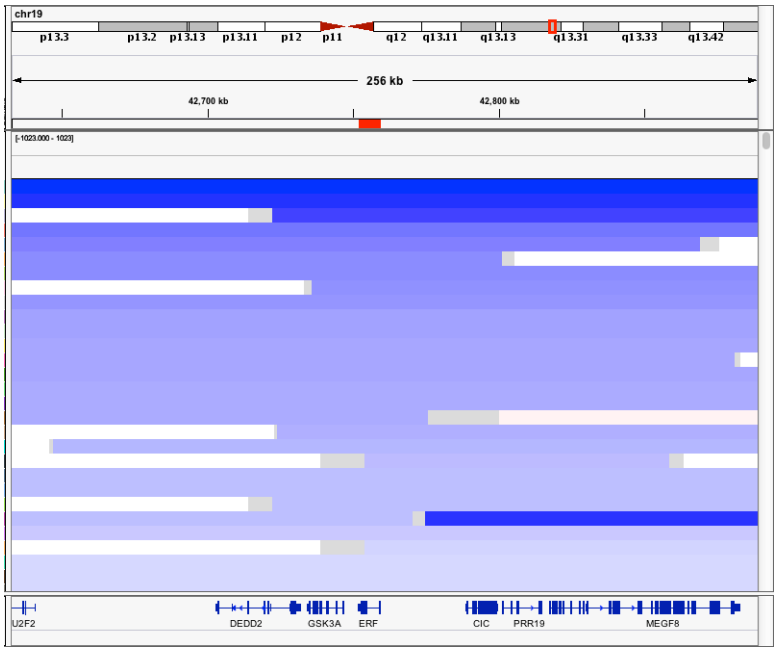


Supplemental Figure 7

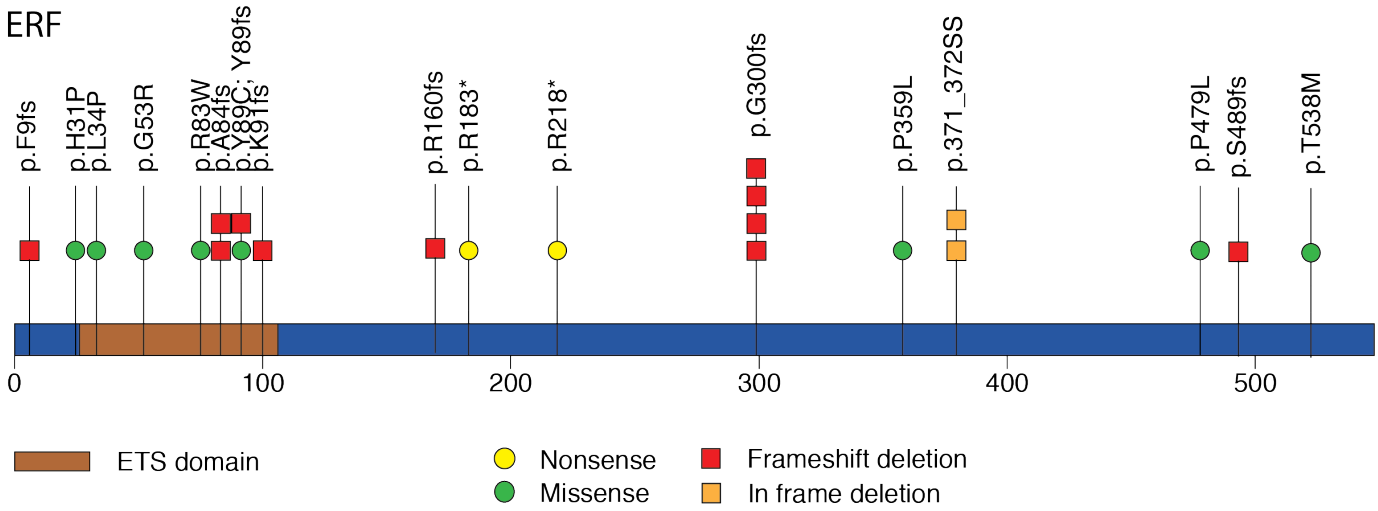


# Supplemental Figure 8

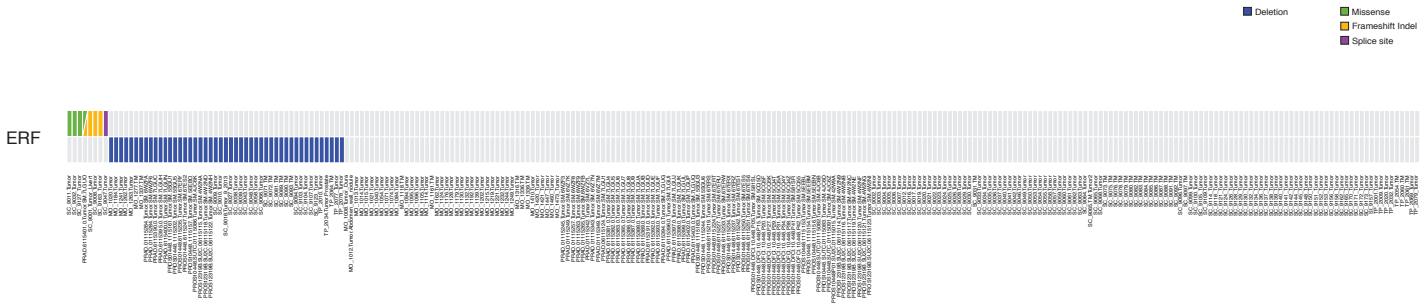
A.




B.



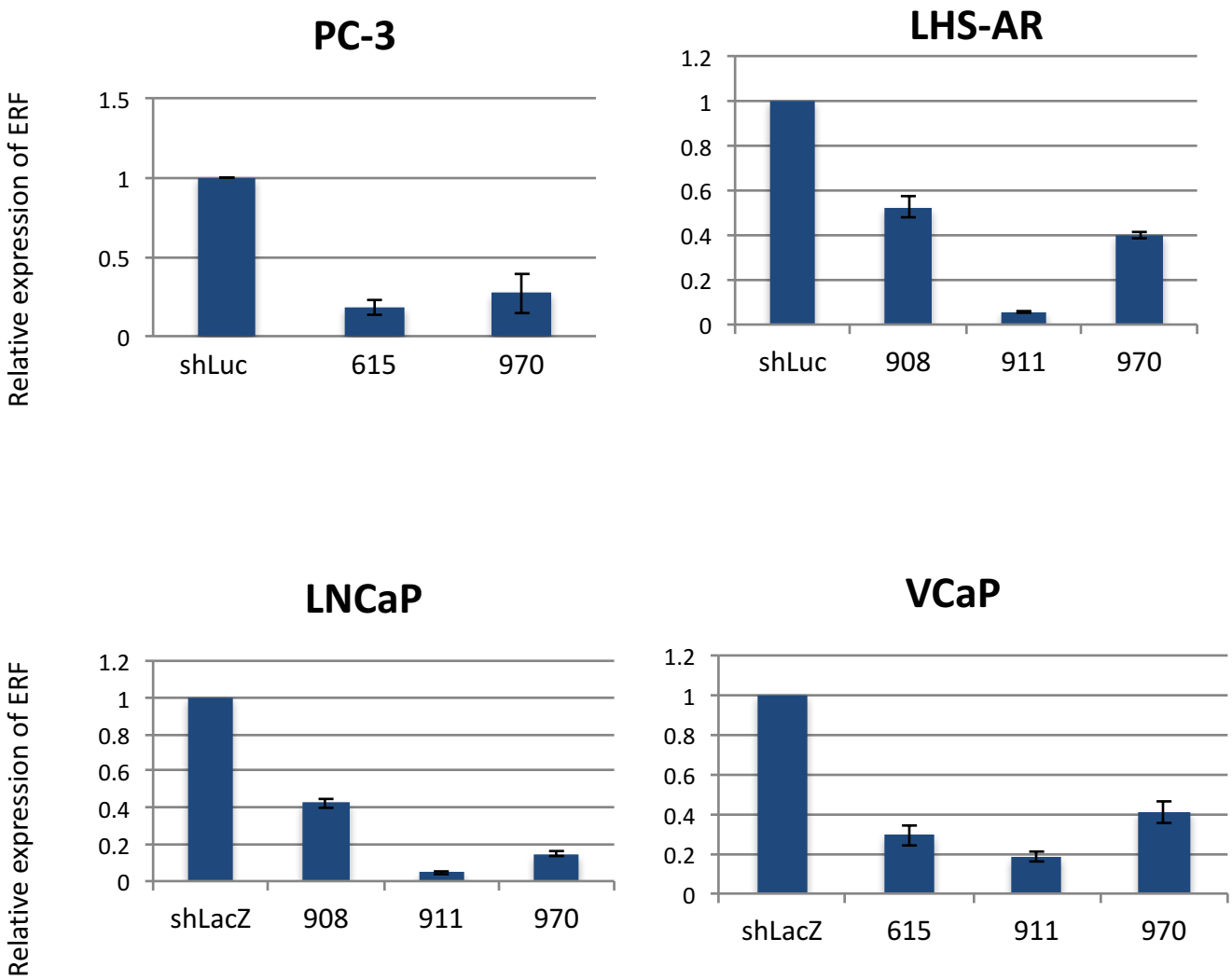

C.



Supplemental Figure 9

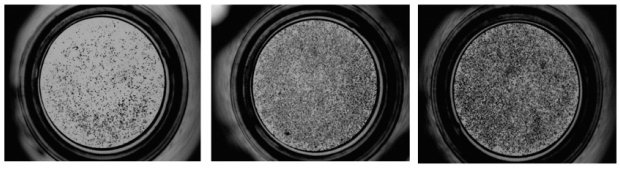
| Gleason Score: | | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|
| **ERF del=0:** | Observed | 43 | 217 | 55 | 100 | 2 |
| | Expected | 39.63 | 211.65 | 53.14 | 109.88 | 2.70 |
| | Ratio | 1.085 | 1.025 | 1.035 | 0.910 | 0.741 |
| **ERF del=1:** | Observed | 1 | 18 | 4 | 22 | 1 |
| | Expected | 4.37 | 23.35 | 5.86 | 12.12 | 0.298 |
| | Ratio | 0.228 | 0.771 | 0.683 | 1.82 | 3.36 |

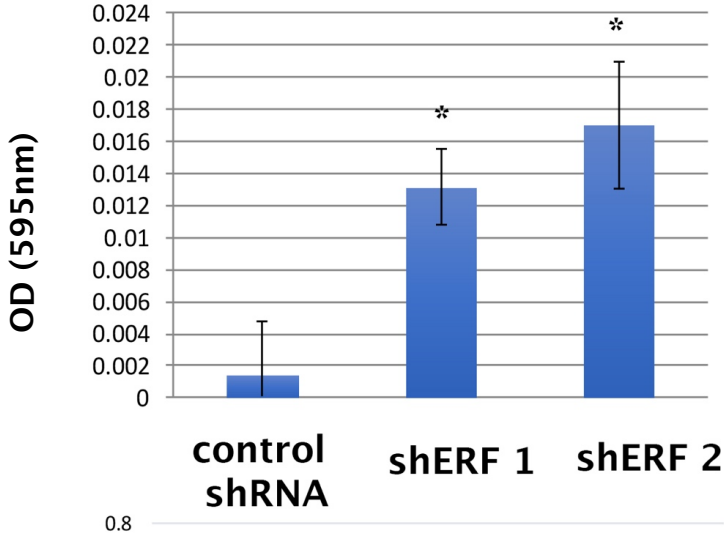
Supplemental Figure 10



Supplemental Figure 11

A.



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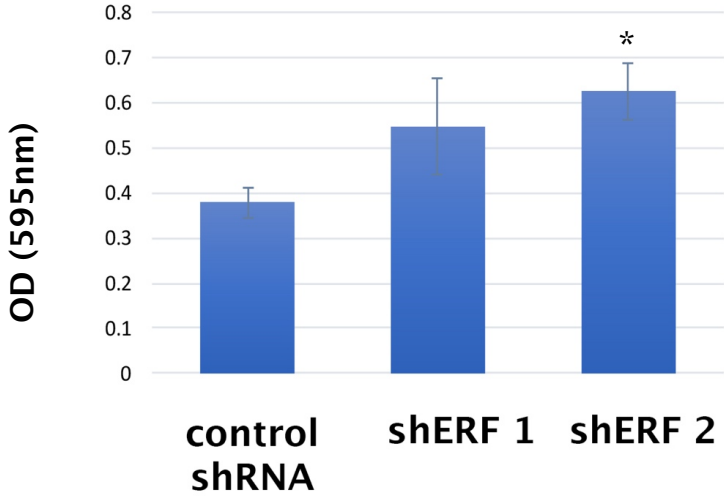


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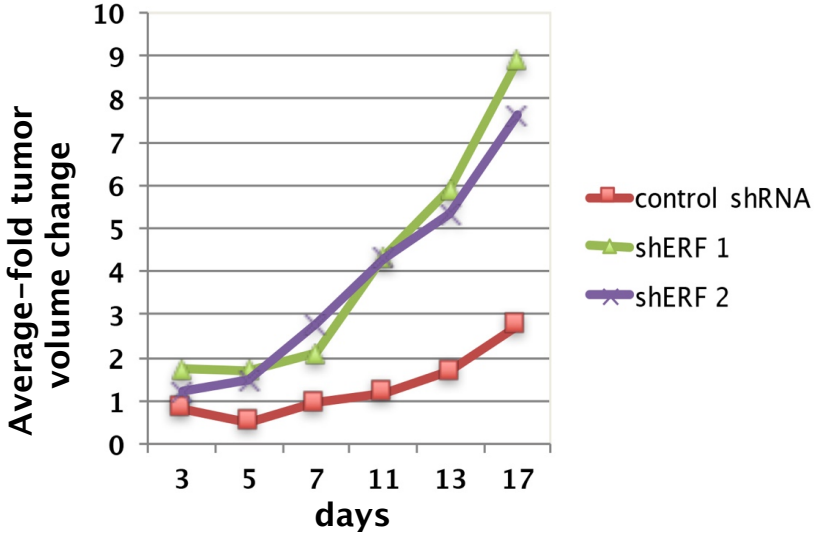
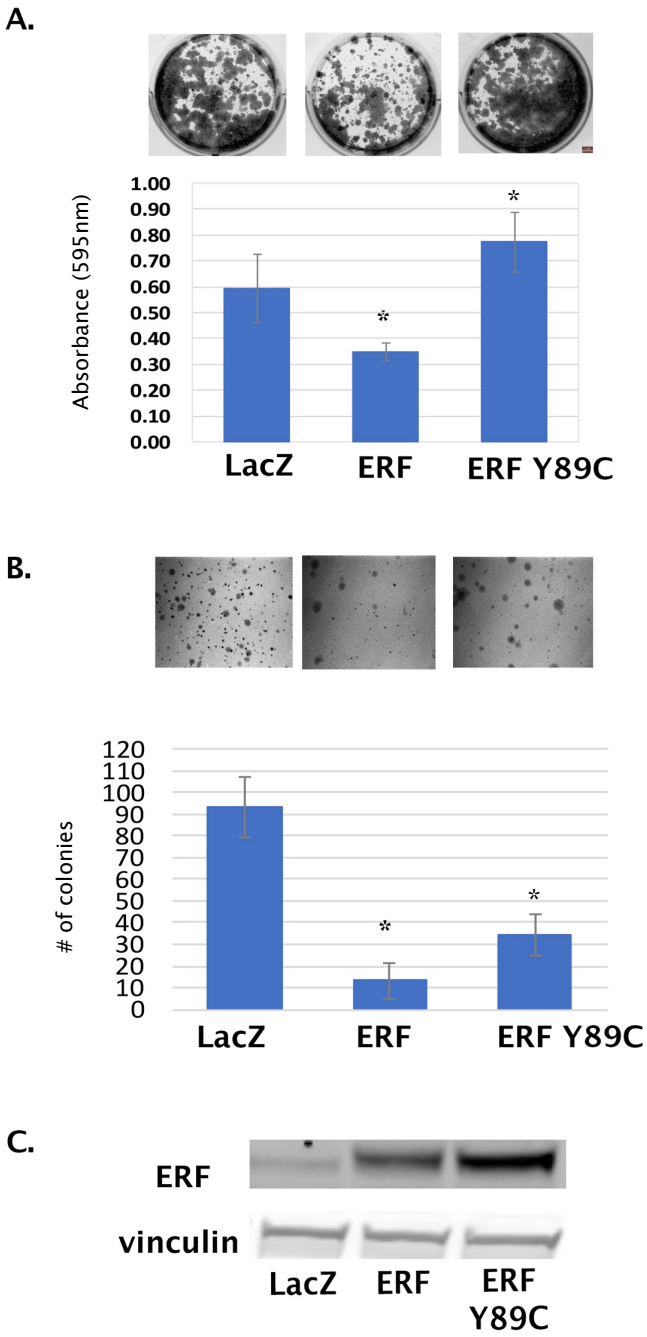
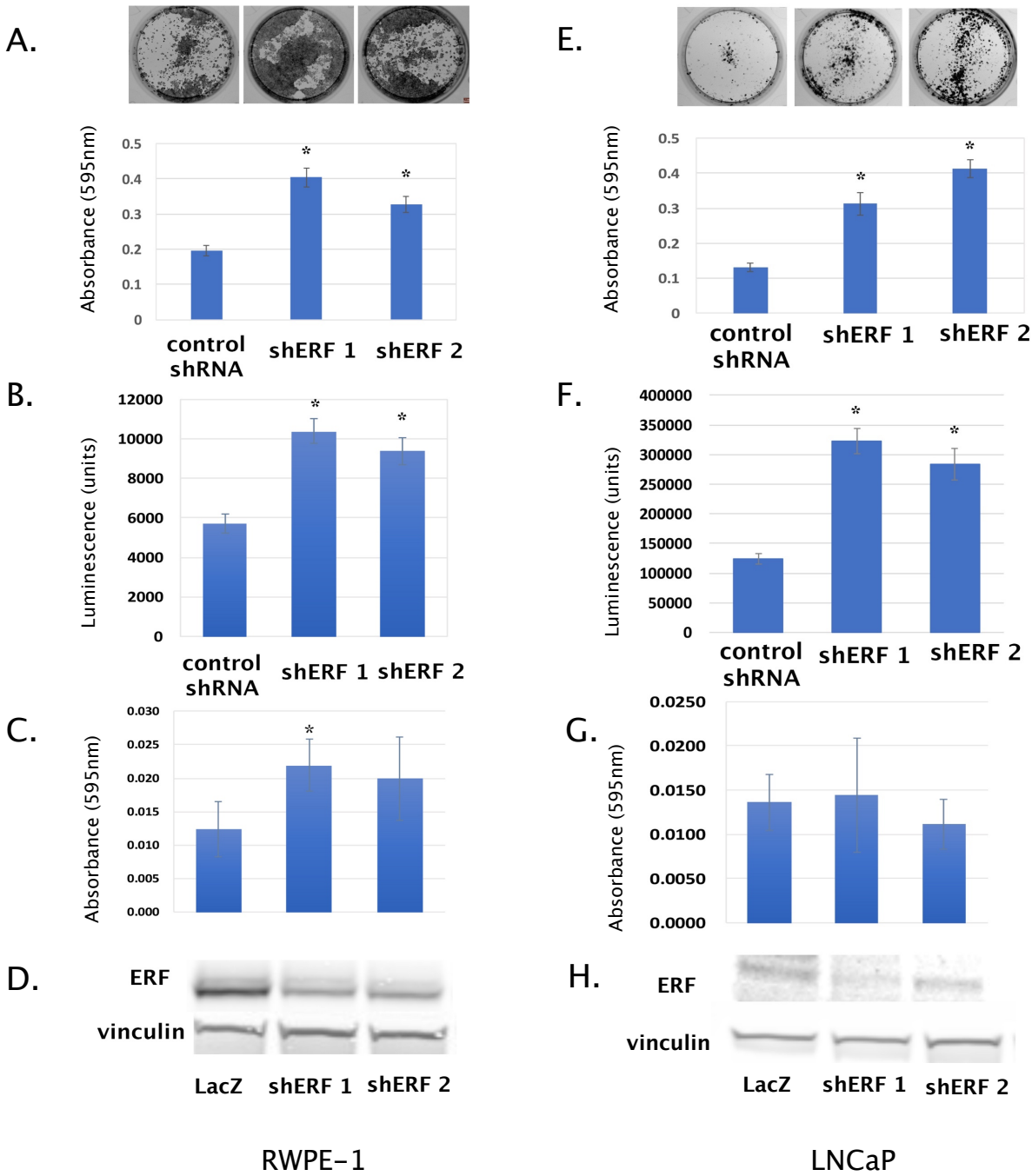


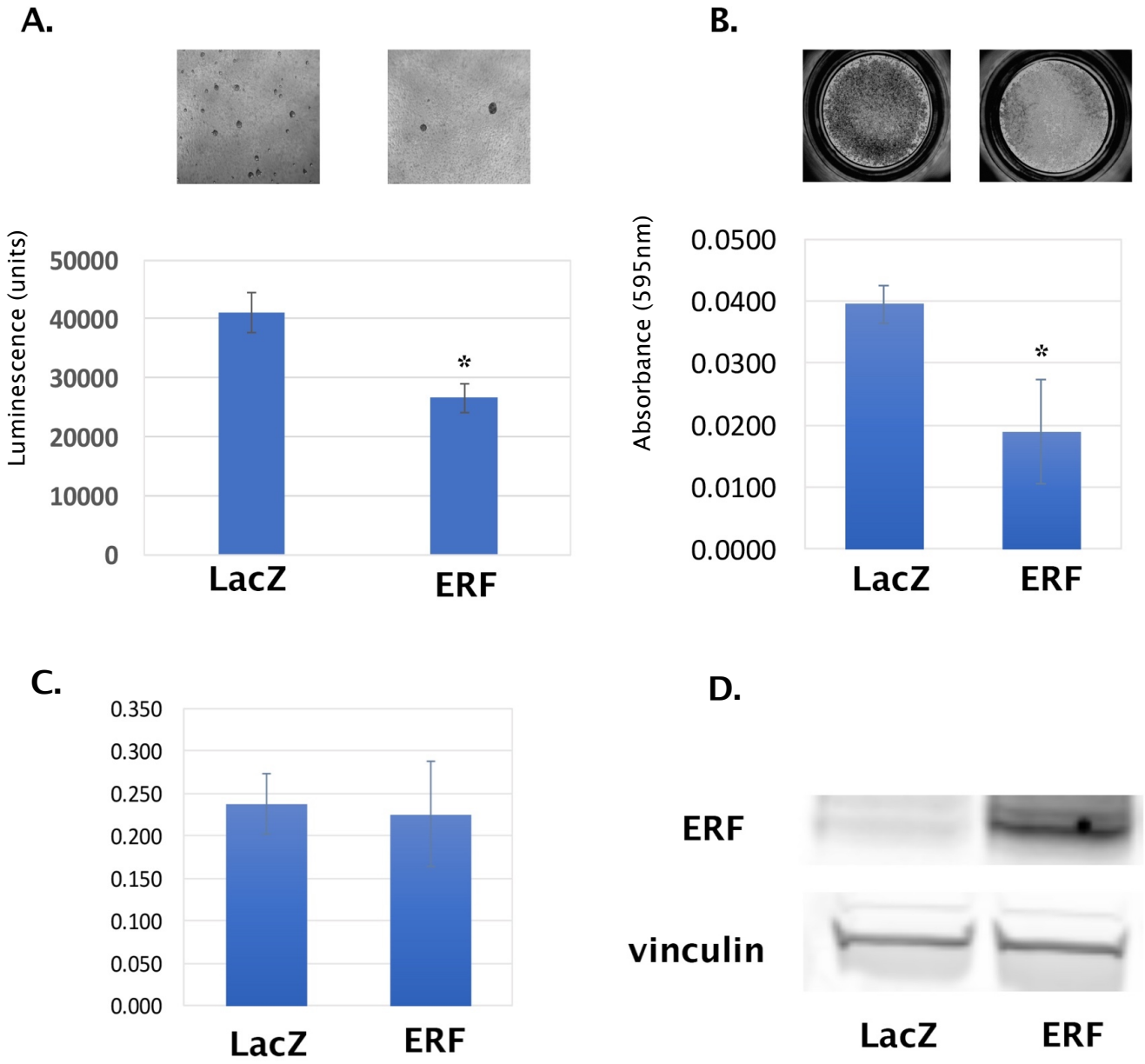
Supplemental Figure 12



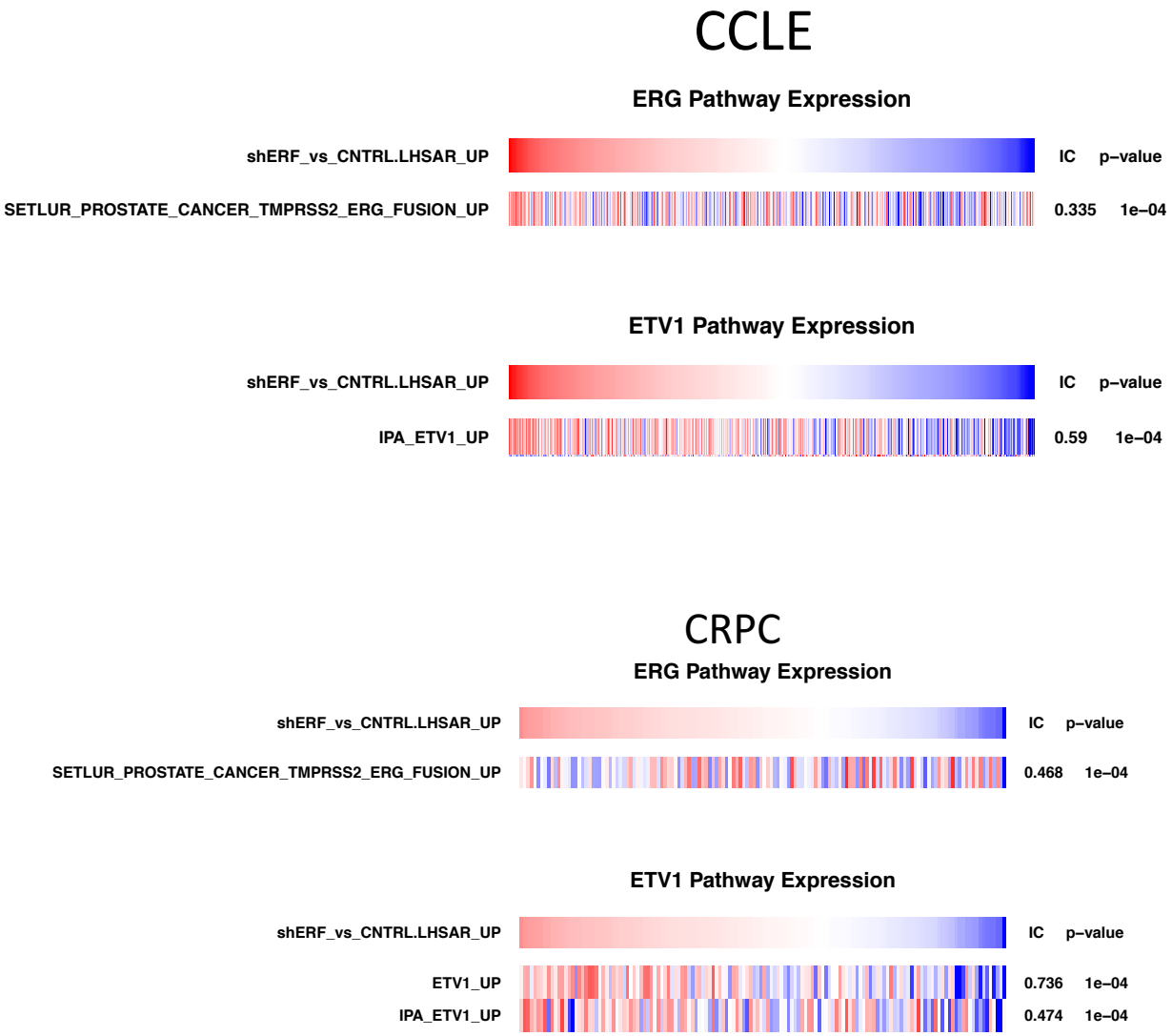
Supplemental Figure 13



Supplemental Figure 14



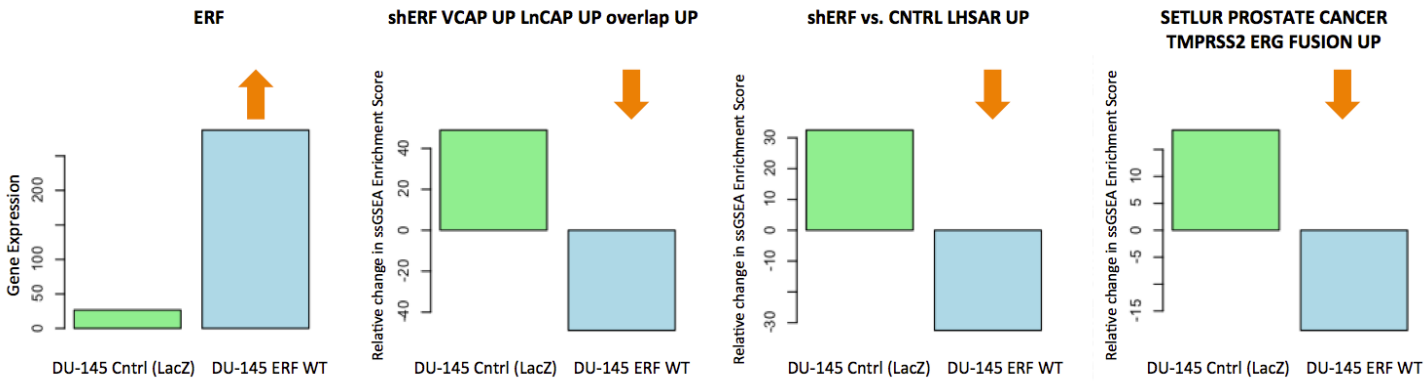
# Supplemental Figure 15



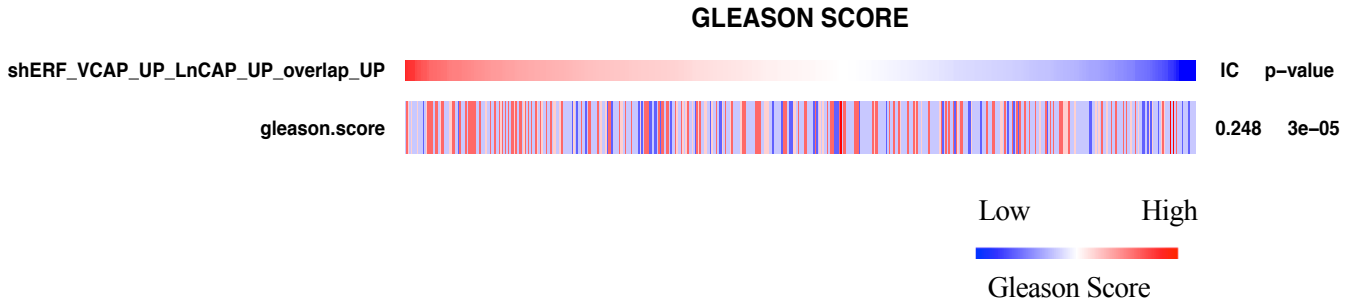
# Supplemental Figure 16

# Supplemental Figure 17

A.

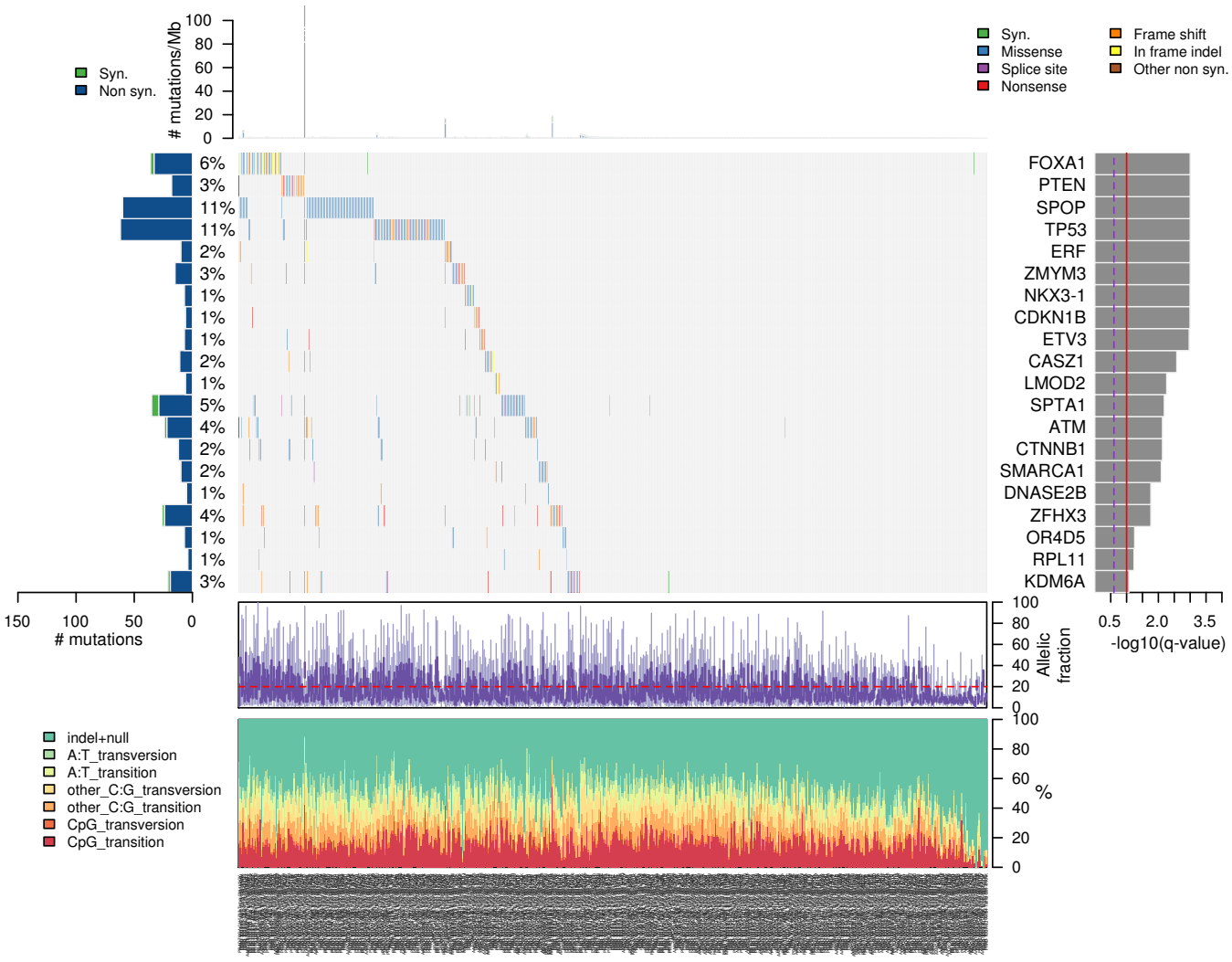



B.



# Supplemental Figure 18

# Supplemental Figure 19



Supplemental Figure 20

## Place probesets on gene sequence

CE is BLUE , LE is RED and BL is green

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