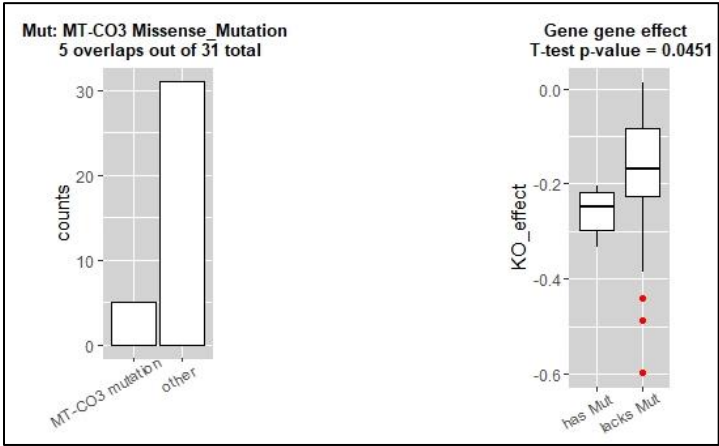
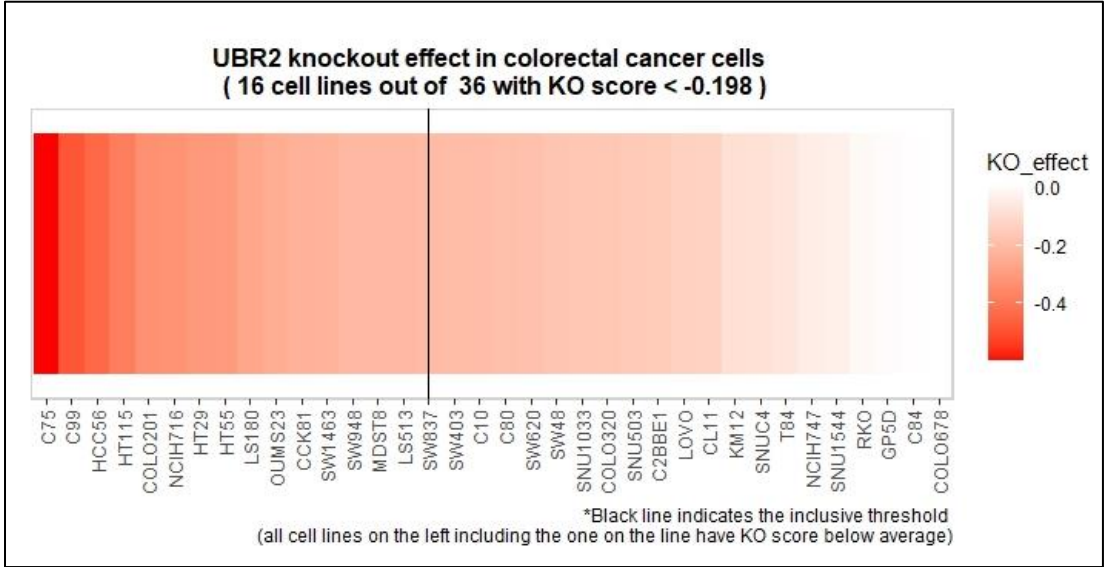
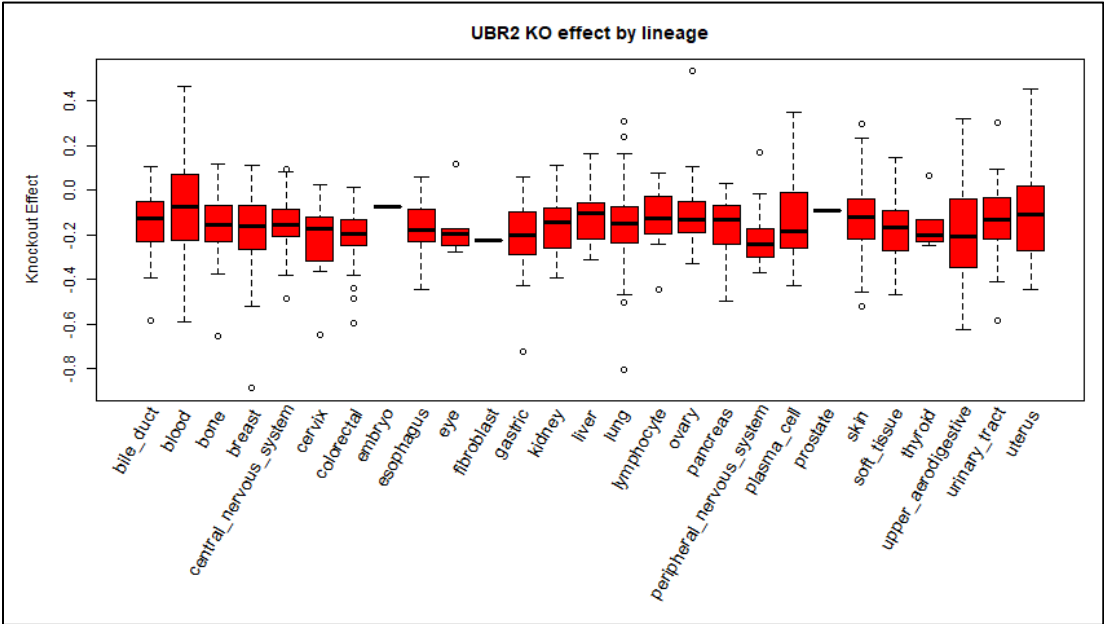
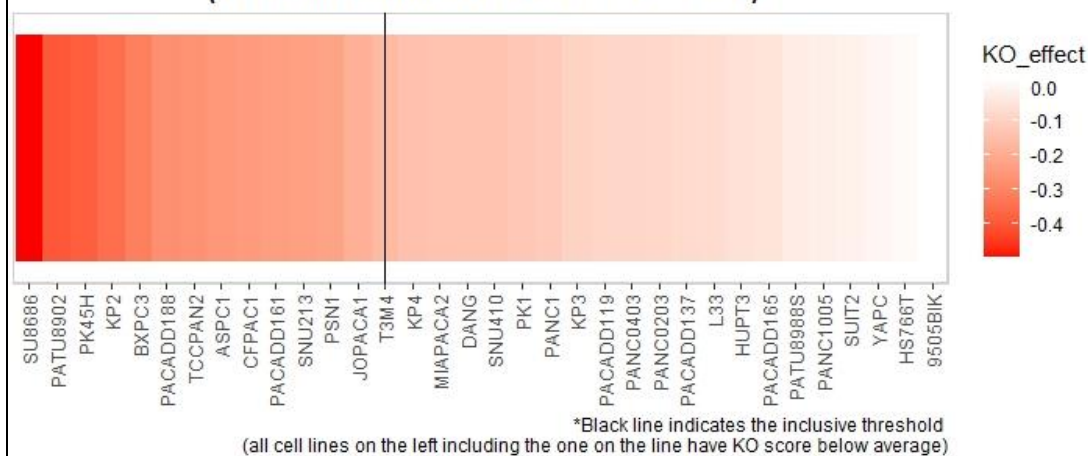


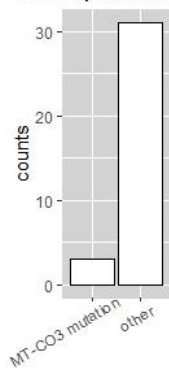
UBR2



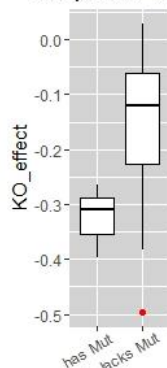
# UBR2 knockout effect in pancreas cancer cells ( 14 cell lines out of 34 with KO score < -0.158 )



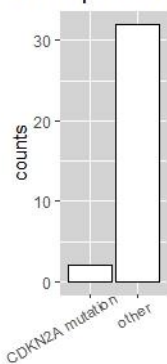
## Mut: MT-CO3 Missense\_Mutation 3 overlaps out of 31 total



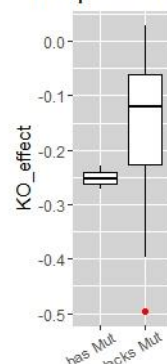
## Gene gene effect T-test p-value = 0.01953



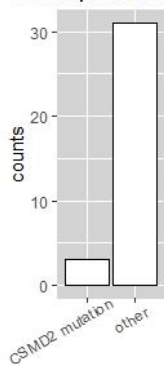
## Mut: CDKN2A Frame\_Shift\_Del 2 overlaps out of 32 total



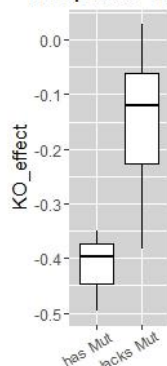
## Gene gene effect T-test p-value = 0.00079



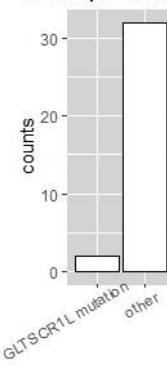
## Mut: CSMD2 Missense\_Mutation 3 overlaps out of 31 total



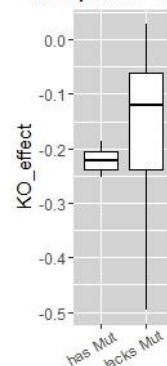
## Gene gene effect T-test p-value = 0.01109



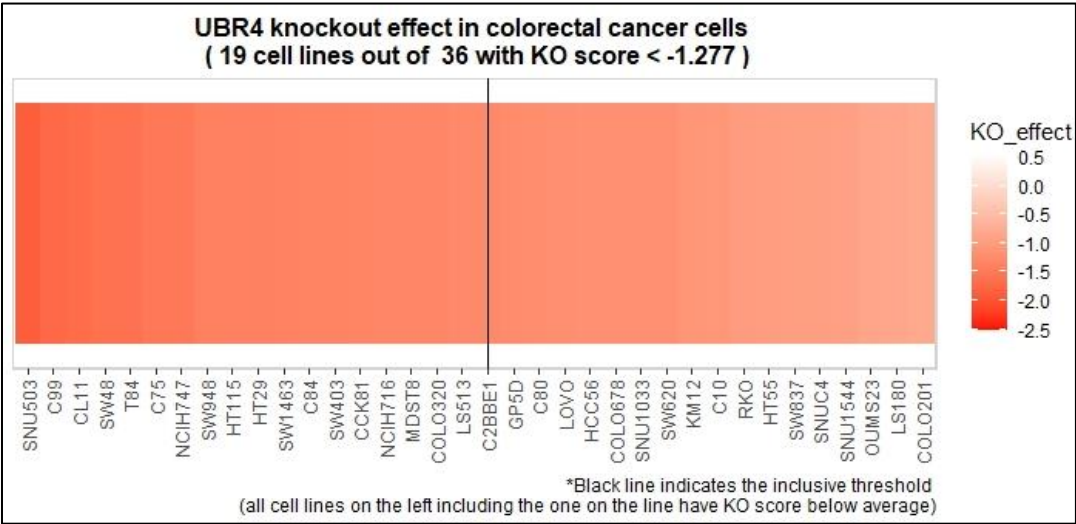
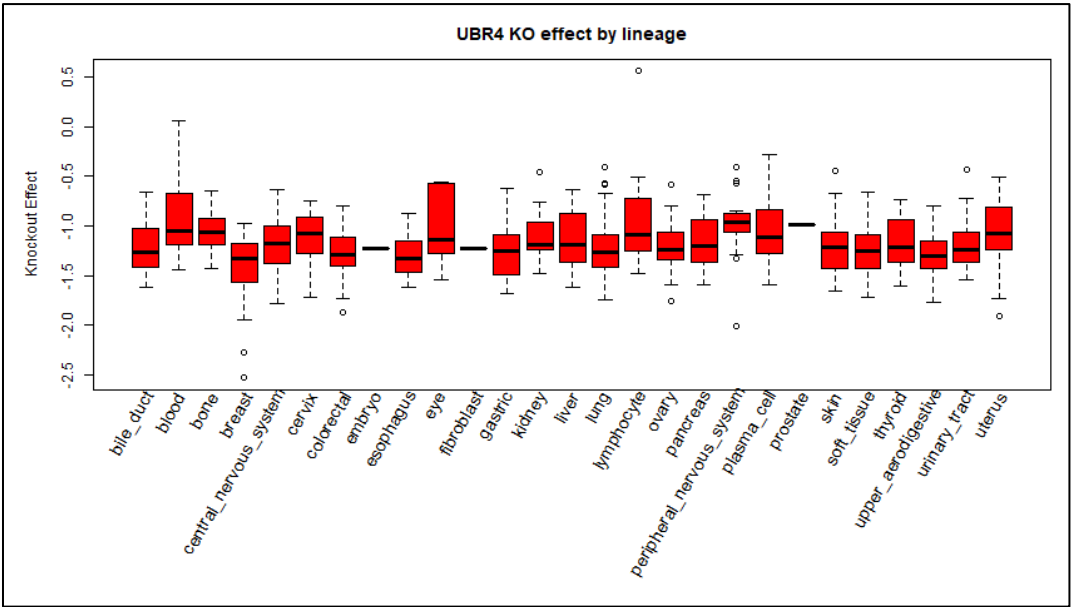
## Mut: GLTSCR1L Missense\_Mutation 2 overlaps out of 32 total



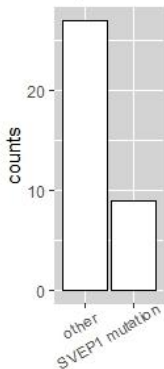
## Gene gene effect T-test p-value = 0.04468



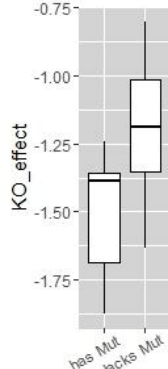
UBR4



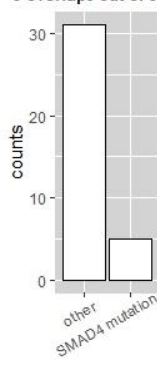
Mut: SVEP1 Missense\_Mutation  
9 overlaps out of 27 total



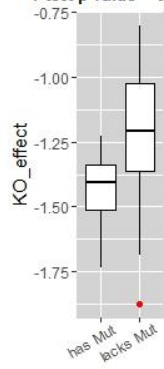
Gene gene effect  
T-test p-value = 0.00695

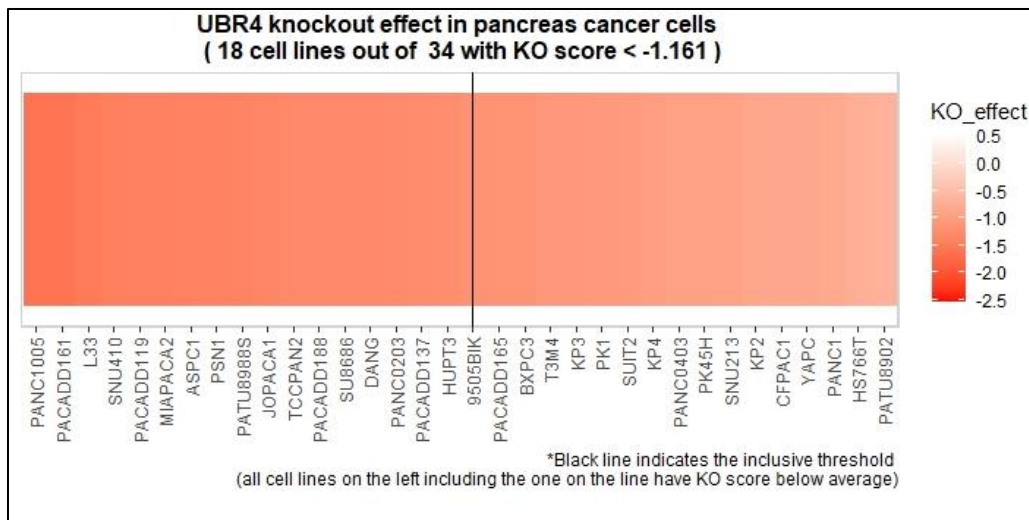


Mut: SMAD4 Missense\_Mutation  
5 overlaps out of 31 total

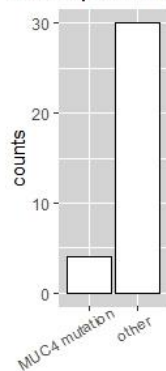


Gene gene effect  
T-test p-value = 0.03081

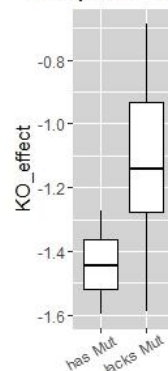




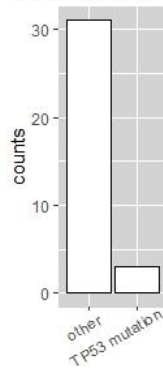
**Mut: MUC4 Missense\_Mutation**  
4 overlaps out of 30 total



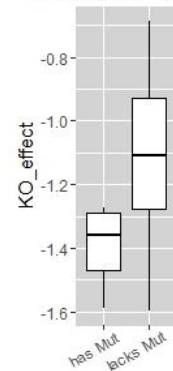
**Gene gene effect**  
T-test p-value = 0.00906



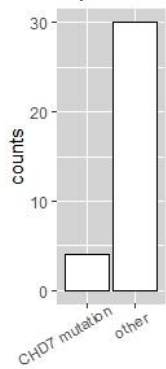
**Mut: TP53 Splice\_Site**  
3 overlaps out of 31 total



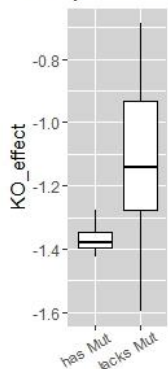
**Gene gene effect**  
T-test p-value = 0.00118



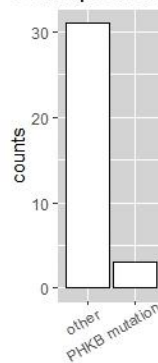
**Mut: CHD7 Missense\_Mutation**  
4 overlaps out of 30 total



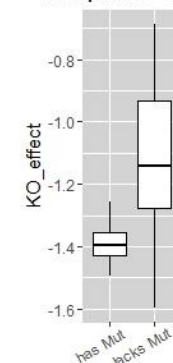
**Gene gene effect**  
T-test p-value = 0.00048



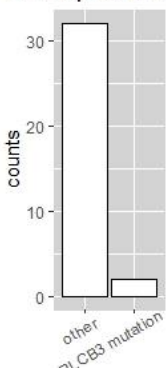
**Mut: PHKB Missense\_Mutation**  
3 overlaps out of 31 total



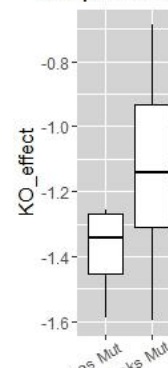
**Gene gene effect**  
T-test p-value = 0.00389



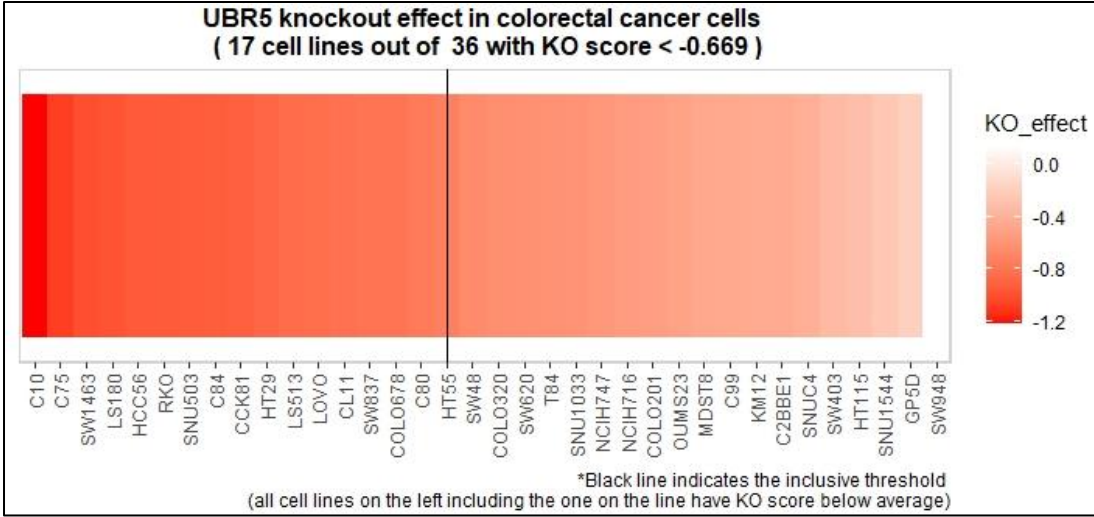
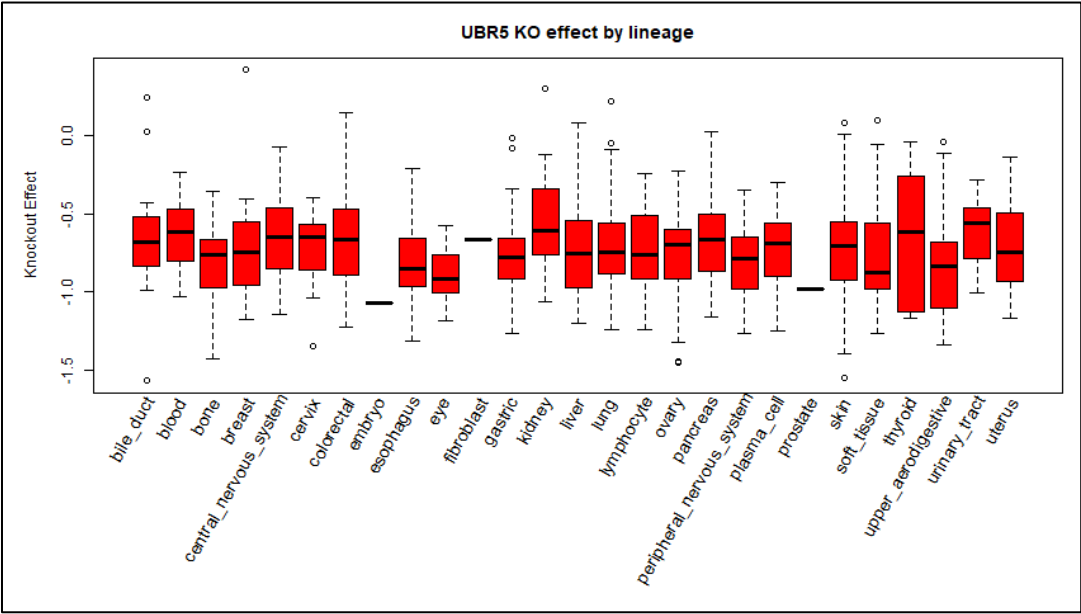
**Mut: PLCB3 Missense\_Mutation**  
2 overlaps out of 32 total



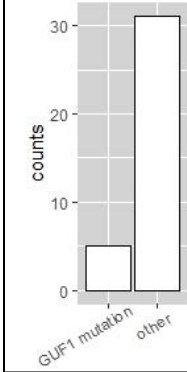
**Gene gene effect**  
T-test p-value = 0.03604



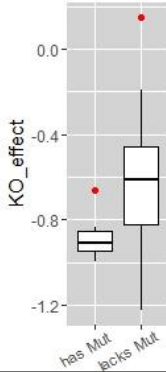
UBR5



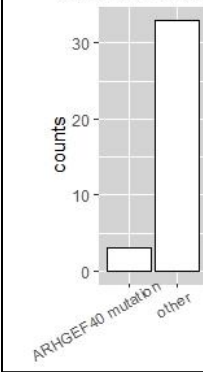
Mut: GUF1 Frame\_Shift\_Del  
5 overlaps out of 31 total



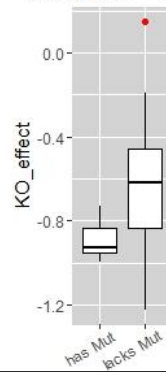
Gene gene effect  
T-test p-value = 0.00251

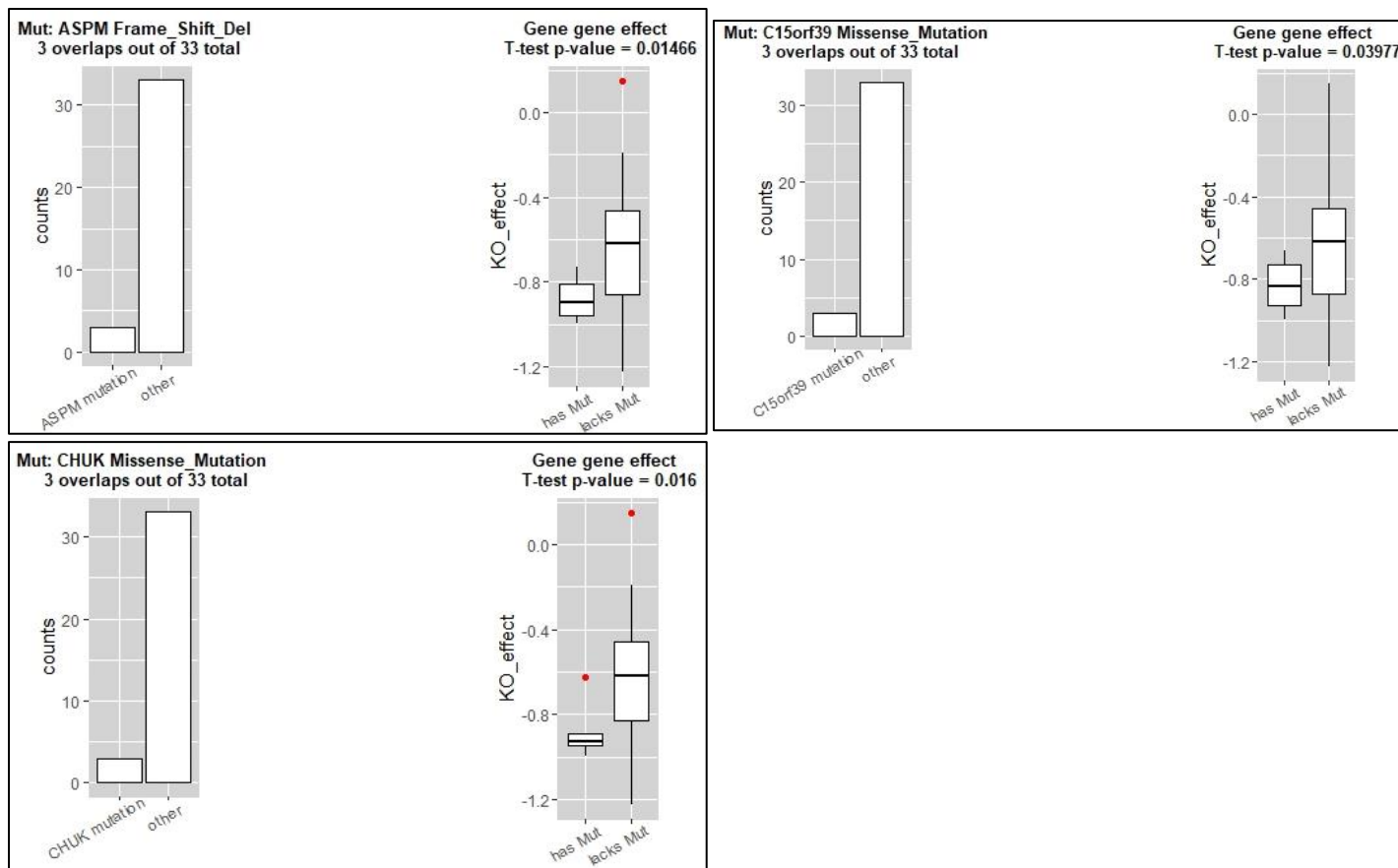


Mut: ARHGEF40 Missense\_Mutation  
3 overlaps out of 33 total

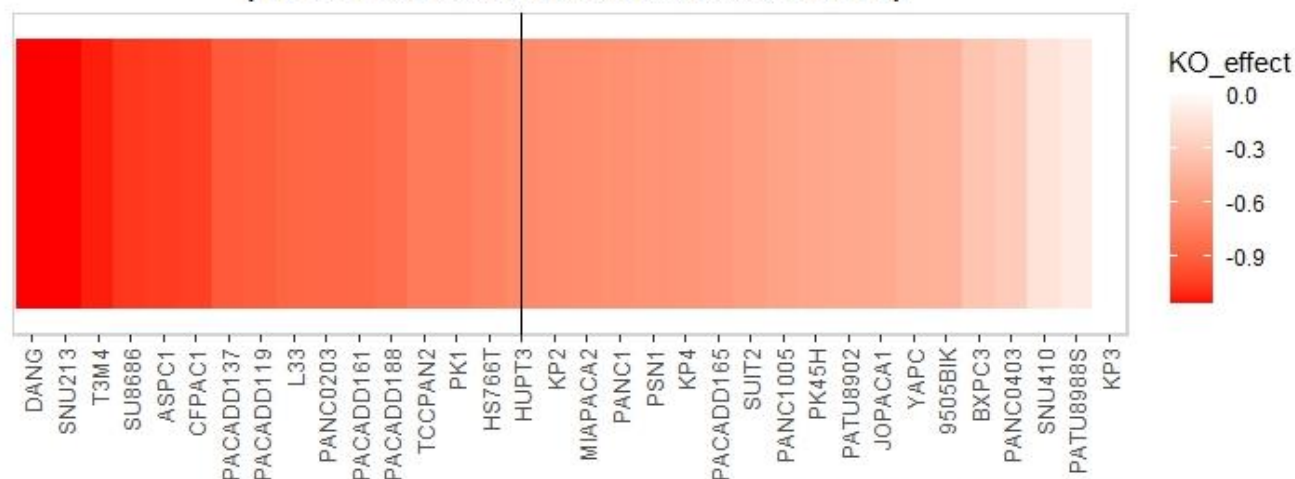


Gene gene effect  
T-test p-value = 0.00206





### UBR5 knockout effect in pancreas cancer cells ( 16 cell lines out of 34 with KO score < -0.673 )



\*Black line indicates the inclusive threshold  
(all cell lines on the left including the one on the line have KO score below average)



