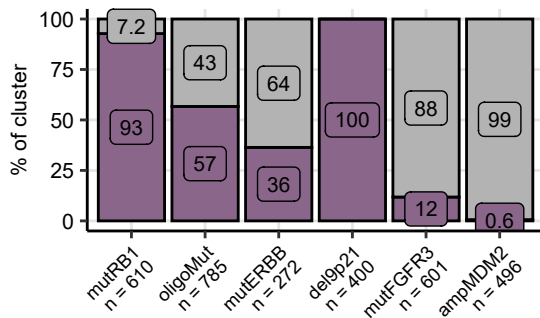
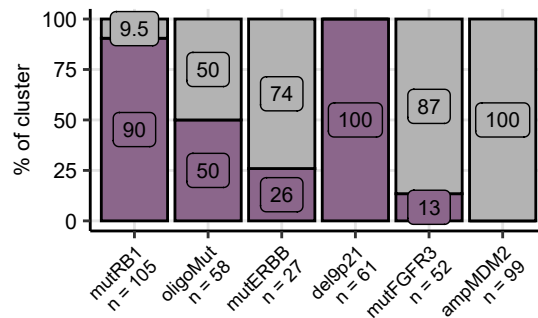
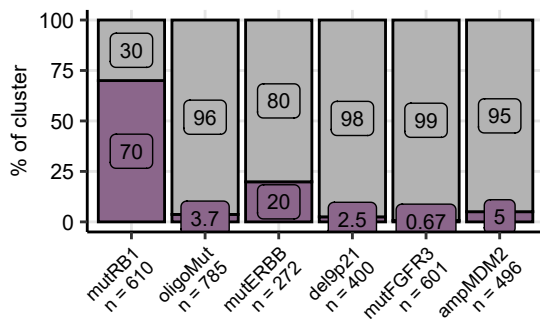
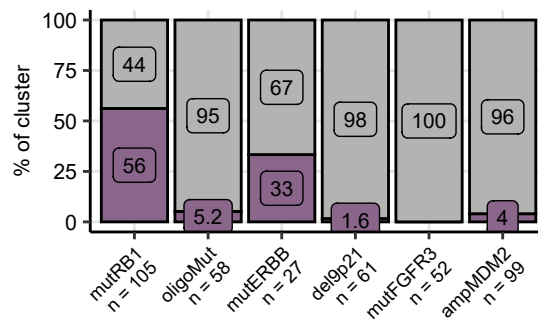
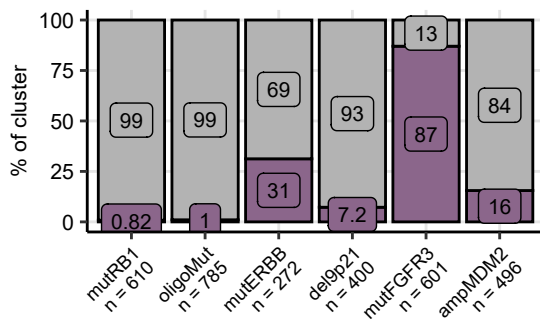
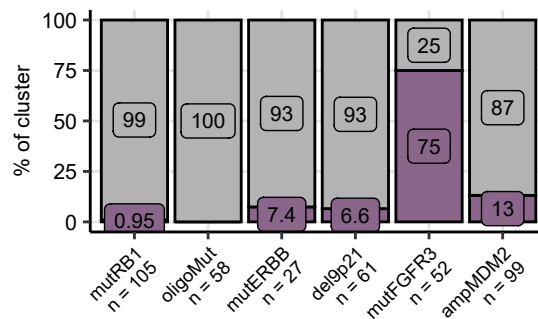
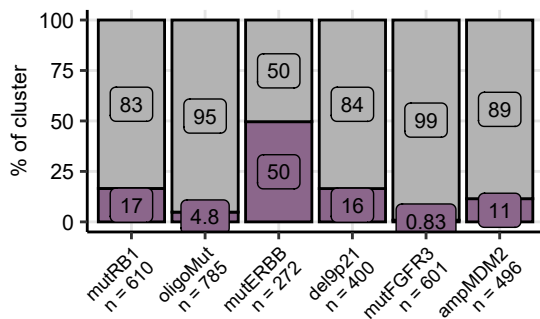


**A*****TP53* mutation, GENIE BLCA** $V = 0.74, p < 0.001$ ***TP53* mutation, TCGA BLCA** $V = 0.81, p < 0.001$ **B*****RB1* mutation, GENIE BLCA** $V = 0.69, p < 0.001$ ***RB1* mutation, TCGA BLCA** $V = 0.6, p < 0.001$ **C*****FGFR3* mutation, GENIE BLCA** $V = 0.77, p < 0.001$ ***FGFR3* mutation, TCGA BLCA** $V = 0.67, p < 0.001$ 

WT  
mutated

**D*****ERBB2* mutation, GENIE BLCA** $V = 0.38, p < 0.001$ ***ERBB2* mutation, TCGA BLCA** $V = 0.34, p < 0.001$ 