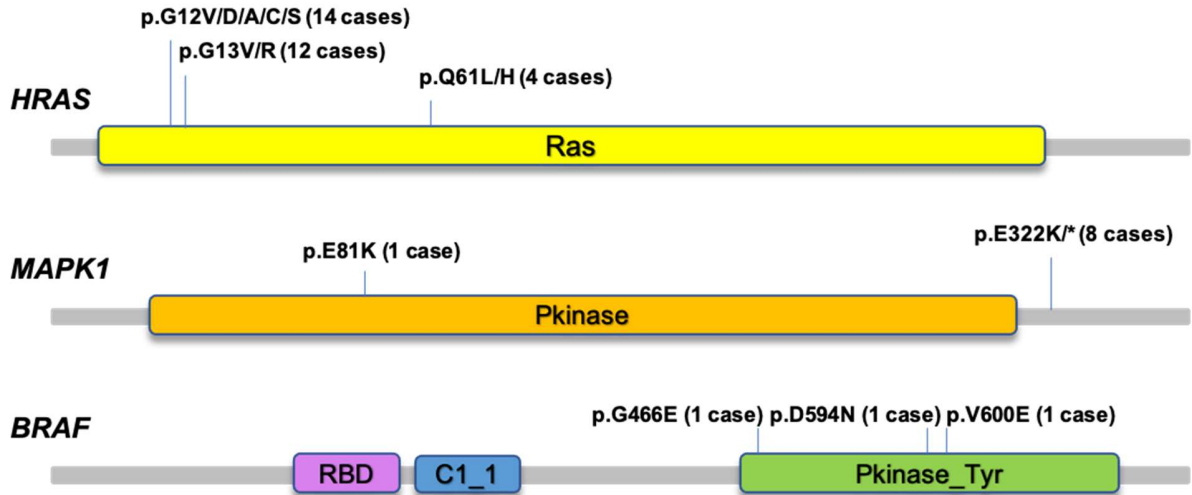


Supplementary Information



Supplementary Figure 1: Well-known activating MAPK pathway mutations found in TCGA HNSCC cohort. *Abbreviation:* Ras: Ras family (5 - 164), Pkinase: Protein kinase domain (25 - 313), RBD: Raf-like Ras-binding domain (156 - 227), C1_1: Phorbol esters/diacylglycerol binding domain (C1 domain) (235 - 280), Pkinase_Tyr: Protein tyrosine kinase (458 - 712).

