PER1: Kruskal-Wallis p=0.000 Stage M.W.W. p = 0.7840 Normal CIS+AIS M.W.W. p  $\leq 0.05$ Primary M.W. p = 0.38M.W.W. p  $\leq 0.05$ 30 M.W. p  $\leq 0.01$ expression S M.W.W.p =10 M.W.N. p = 0.28Higher Lower Mutation Shared Count (SYN) per TMB