PICALM: Kruskal-Wallis p=0.006 Stage 800 M.W.W. p = 0.16Normal CIS+AIS M.W.W.  $p \le 0.05$ Primary M.W.W. p  $\leq 0.05$ M.W.W.p = 0.09600 PICALM expression M.W.W. p = 0.12M.W.W. p = 0.98M.W.W. p = 0.70200 Higher Lower Mutation Shared Count (SYN) per TMB