PICALM: Kruskal-Wallis p=0.012 Stage M.W.W. p = 0.27Normal CIS+AIS M.W.W. p  $\leq 0.05$ Primary 100 M.W.W. p  $\leq 0.05$ M.W. p = 0.1880 M.W. p = 0.46PICALM expression M.W.W. p = 0.7360 M.W.p =40 20 Higher Lower Mutation Shared Count (SYN) per TMB