COL1A1: Kruskal-Wallis p=0.001 Stage Normal 40 CIS+AIS **Primary** M.W.W. p  $\leq 0.05$ 30 M.W.W.  $p \leq 0.01$ M.W.W.  $p \le 0.001$ expression 2 M.W.W.  $p \le 0.001$ Higher Lower Mutation Shared Count per TMB