AFDN: Kruskal-Wallis p=0.001 Stage M.W.W.  $p \le 0.01$ Normal 120 CIS+AIS Primary  $p \leq 0.05$ M.W.W.  $p \leq 0$ .  $M.W_{-}W. p \leq 0.05$ AFDN expression M.W.D 80 60

Lower Higher Mutation Shared Count per TMB