PDE4DIP: K.W. p=0.001 Stage M.W.W.  $p \le 0.05$ Normal 50 CIS+AIS Primary  $p \le 0.05$ . V V . V V . W. p  $\leq 0.05$ M.W.W. p ≤ 0.01M.W.  $p \le 0.05$ 

Lower Higher Mutation Shared Count per TMB