PER1: Kruskal-Wallis p=0.000 M.W.W.  $p \le 1e-4$ Stage Normal 30 CIS+AIS M.W.W.  $p \le 0.001$ Primary 25<sup>M</sup>.W.p ≤ 0.01 PER1 expression 5 0 M.W.W. p  $\leq 0.01$ 

Lower Higher Mutation Shared Count per TMB