BRCA1: Kruskal-Wallis p=0.001 Stage Normal 20 CIS+AIS M.W.W.  $p \le 0.01$ Primary M.W.W.  $b \le 0.001$ M.W.W.  $p \leq 0.01$ 15 M.W.W.  $p \leq 0.05$ expression Higher Lower Mutation Shared Count (SYN) per TMB