PER1: Kruskal-Wallis p=0.000 Stage M.W.W. p  $\leq 0.05$ 40 Normal CIS+AIS M.W.W.  $p \le 0.001$ Primary M.W.W.  $p \le 0.05$  $M.W_1W. p \leq 0.01$ PER1 expression M.W.W.  $p \le 0.01$ 

Lower Higher Mutation Shared Proportion (Union & SYN)