tS1: Kruskal-Wallis p=0.000 Stage 1.0 M.W.W. p = 0.87Normal CIS+AIS M.W.W. p = 1.00Primary M.W.W. p = 1.008.0 M.W.W.  $p \le 1e-5$ M.W.W. p = 0.15 $0.6 \text{ M.W.p} \le 1e-4$ M.W.W.  $p \le 0.001$ M.W. p  $\leq 0.01$ 0.2 M.W. p = 0.160.0 Higher Lower Mutation Shared Proportion (Union & SYN)