tS1: Kruskal-Wallis p=0.000 Stage M.W.W. p = 0.14Normal CIS+AIS **Primary** M.W.W. p = 0.428.0 M.W.W. p = 1.00M.W.W.  $p \le 0.01$ 0.6 M.W.W.  $p \le 0.05$ M.W.W. p ≤ 1e-5 M.W. p = 0.08M.W. p  $\leq$  1e-4 0.2 M.W.W. p = 0.330.0 Higher Lower

**Mutation Shared Count**