COL1A1: Kruskal-Wallis p=0.003 Stage M.W.W. p = 0.53Normal CIS+AIS **Primary** M.W. p = 0.71M.W.W.  $p \le 0.05$ M.W. p = 0.84M.W.W.  $p \le 0.01$ M.W.W. p =M.W.W. p = 0.12

60

1 expression 5

Lower
Mutation Shared Proportion

Higher