COL1A1: Kruskal-Wallis p=0.000 Stage M.W.W. p  $\leq 0.05$ Normal CIS+AIS Primary M.W.W.  $p \le 0.001$ M.W.W.  $p \le 0.001$ M.W.W.  $p \le 0.05$ M.W.W.  $p \leq 0.05$ 

150

125

1 expression 2.

50

25

-25

Lower
Mutation Shared Proportion (Union & SYN)