COL1A1: Kruskal-Wallis p=0.000 Stage Normal 40 CIS+AIS **Primary** M.W.W. p  $\leq 0.05$ 30 M.W.W.  $p \le 0.001$ expression S M.W.W.  $p \le 0.05$ M.W.W. p ≤ M.W.W.  $p \le 0.001$ Higher Lower

Mutation Shared Proportion (Union & SYN)