COL1A1: Kruskal-Wallis p=0.006 Stage M.W.W. p = 0.79Normal 200 CIS+AIS M.W.W. p = 0.51Primary M.W.W. p = 0.05M.W.W.  $p \le 0.05$ 150 M.W.W. p = 0.121 expression 0 0 M.W.W. p = 0.86M.W.W. p ≤ 50 Higher Lower Mutation Shared Proportion (Union)