COL1A1: Kruskal-Wallis p=0.001 Stage M.W.W. p = 0.41Normal 200 CIS+AIS M.W.W. p = 0.51Primary M.W.W. p  $\leq 0.01$ M.W.W.  $p \le 0.05$ 150 M.W.W. p = 0.08expression 100 M.W.D = M.W.W.p =50 Higher Lower

Mutation Shared Proportion (Union & SYN)