COL1A1: Kruskal-Wallis p=0.011 50 Stage M.W.W. p = 0.82Normal CIS+AIS **Primary** M.W.W. p = 0.0740 M.W. p = 0.21M.W.W.  $p \le 0.01$ M.W.W. p = 0.91A1 expression 50 00 M.W.W. p = M.W.W. p = 0.2310 Higher Lower Mutation Shared Count (SYN)