PICALM: Kruskal-Wallis p=0.007 Stage M.W.W. p = 0.16Normal CIS+AIS 100 Primary M.W.W. p  $\leq 0.05$ M.W.W. p  $\leq 0.05$ 80 M.W.W. p = 0.73M.W. p = 0.15M.W.W. p = 0.10PICALM expression M.W.W.p = 0.6860 40 20 Higher Lower Mutation Shared Proportion (Union & SYN)