PICALM: Kruskal-Wallis p=0.002 Stage M.W.W. p = 0.06Normal CIS+AIS Primary M.W.W. p  $\leq 0.05$ M.W.W. p  $\leq 0.05$ M. W. p = 0.05M.W.D = 0.24M.W.W. p = 0.54M.W.W. p = 0.21

80

60

PICALM expression

Lower
Mutation Shared Proportion

Higher