

Total proliferating cell nuclear antigen (PCNA) levels are low in this line. Our semi-quantitative analysis indicates that AICS-0088 clone 83 has 34% of the total levels of PCNA measured in unedited WTC-11 control cells. Our time-lapse imaging and cell growth assays indicate that these cells grow and divide as expected. An additional functional analysis to assess genome-wide replication timing also showed no significant differences in replication timing between AICS-0088 clone 83 and unedited WTC-11 control cells. However, if you plan to use this line for an assay that you believe may be sensitive to low total protein levels of PCNA, you may wish to perform additional functional assays.