set key outside

set key right center

set xlabel "Stage #"

set ylabel "Total # Cells"

set grid

**For 80div30diff WORKS**

set term aqua title "80div30diff"

plot '/Users/Chris/Desktop/UCI-YSF/YSFProject/H/80div30diff/TumorModel-diff-PM-100.txt' title "Diff PM" with lines, '/Users/Chris/Desktop/UCI-YSF/YSFProject/non-H/80div30diff/TumorModel-undiff-PM-100.txt' title "Undiff PM" with lines, '/Users/Chris/Desktop/UCI-YSF/YSFProject/H/80div30diff/TumorModel-diff-S-100.txt' title "Diff S" with lines, '/Users/Chris/Desktop/UCI-YSF/YSFProject/non-H/80div30diff/TumorModel-undiff-S-100.txt' title "Undiff S" with lines

**For 80div20diff WORKS**

set term aqua title "80div20diff"

plot '/Users/Chris/Desktop/UCI-YSF/YSFProject/H/80div20diff/TumorModel-diff-PM-100.txt' title "Diff PM" with lines, '/Users/Chris/Desktop/UCI-YSF/YSFProject/non-H/80div20diff/TumorModel-undiff-PM-100.txt' title "Undiff PM" with lines, '/Users/Chris/Desktop/UCI-YSF/YSFProject/H/80div20diff/TumorModel-diff-S-100.txt' title "Diff S" with lines, '/Users/Chris/Desktop/UCI-YSF/YSFProject/non-H/80div20diff/TumorModel-undiff-S-100.txt' title "Undiff S" with lines

**For 70div30diff WORKS**

set term aqua title "70div30diff"

plot '/Users/Chris/Desktop/UCI-YSF/YSFProject/H/70div30diff/TumorModel-diff-PM-100.txt' title "Diff PM" with lines, '/Users/Chris/Desktop/UCI-YSF/YSFProject/non-H/70div30diff/TumorModel-undiff-PM-100.txt' title "Undiff PM" with lines, '/Users/Chris/Desktop/UCI-YSF/YSFProject/H/70div30diff/TumorModel-diff-S-100.txt' title "Diff S" with lines, '/Users/Chris/Desktop/UCI-YSF/YSFProject/non-H/70div30diff/TumorModel-undiff-S-100.txt' title "Undiff S" with lines

**For 75div25diff WORKS**

plot '/Users/Chris/Desktop/UCI-YSF/YSFProject/H/75div25diff/T1/TumorModel-diff-PM-100.txt' title "T1 Diff PM" with lines, '/Users/Chris/Desktop/UCI-YSF/YSFProject/H/75div25diff/T2/TumorModel-diff-PM-100.txt' title "T2 Diff PM" with lines, '/Users/Chris/Desktop/UCI-YSF/YSFProject/non-H/75div25diff/T1/TumorModel-undiff-PM-100.txt' title "T1 Undiff PM" with lines, '/Users/Chris/Desktop/UCI-YSF/YSFProject/non-H/75div25diff/T2/TumorModel-undiff-PM-100.txt' title "T2 Undiff PM" with lines, '/Users/Chris/Desktop/UCI-YSF/YSFProject/H/75div25diff/T1/TumorModel-diff-S-100.txt' title "T1 Diff S" with lines, '/Users/Chris/Desktop/UCI-YSF/YSFProject/H/75div25diff/T2/TumorModel-diff-S-100.txt' title "T2 Diff S" with lines, '/Users/Chris/Desktop/UCI-YSF/YSFProject/non-H/75div25diff/T1/TumorModel-undiff-S-100.txt' title "T1 Undiff S" with lines, '/Users/Chris/Desktop/UCI-YSF/YSFProject/non-H/75div25diff/T2/TumorModel-undiff-S-100.txt' title "T2 Undiff S" with lines

**Full Overlay WORKS**

set term aqua title "Full Overlay"

plot '/Users/Chris/Desktop/UCI-YSF/YSFProject/H/80div30diff/TumorModel-diff-PM-100.txt' title "8030 Diff PM" with lines, '/Users/Chris/Desktop/UCI-YSF/YSFProject/non-H/80div30diff/TumorModel-undiff-PM-100.txt' title "8030 Undiff PM" with lines, '/Users/Chris/Desktop/UCI-YSF/YSFProject/H/80div30diff/TumorModel-diff-S-100.txt' title "80303 Diff S" with lines, '/Users/Chris/Desktop/UCI-YSF/YSFProject/non-H/80div30diff/TumorModel-undiff-S-100.txt' title "8030 Undiff S" with lines, '/Users/Chris/Desktop/UCI-YSF/YSFProject/H/80div20diff/TumorModel-diff-PM-100.txt' title "8020 Diff PM" with lines, '/Users/Chris/Desktop/UCI-YSF/YSFProject/non-H/80div20diff/TumorModel-undiff-PM-100.txt' title "8020 Undiff PM" with lines, '/Users/Chris/Desktop/UCI-YSF/YSFProject/H/80div20diff/TumorModel-diff-S-100.txt' title "8020 Diff S" with lines, '/Users/Chris/Desktop/UCI-YSF/YSFProject/non-H/80div20diff/TumorModel-undiff-S-100.txt' title "8020 Undiff S" with lines, '/Users/Chris/Desktop/UCI-YSF/YSFProject/H/70div30diff/TumorModel-diff-PM-100.txt' title "7030 Diff PM" with lines, '/Users/Chris/Desktop/UCI-YSF/YSFProject/non-H/70div30diff/TumorModel-undiff-PM-100.txt' title "7030 Undiff PM" with lines, '/Users/Chris/Desktop/UCI-YSF/YSFProject/H/70div30diff/TumorModel-diff-S-100.txt' title "7030 Diff S" with lines, '/Users/Chris/Desktop/UCI-YSF/YSFProject/non-H/70div30diff/TumorModel-undiff-S-100.txt' title "7030 Undiff S" with lines, '/Users/Chris/Desktop/UCI-YSF/YSFProject/H/75div25diff/T1/TumorModel-diff-PM-100.txt' title "T1 Diff PM" with lines, '/Users/Chris/Desktop/UCI-YSF/YSFProject/H/75div25diff/T2/TumorModel-diff-PM-100.txt' title "T2 Diff PM" with lines, '/Users/Chris/Desktop/UCI-YSF/YSFProject/non-H/75div25diff/T1/TumorModel-undiff-PM-100.txt' title "T1 Undiff PM" with lines, '/Users/Chris/Desktop/UCI-YSF/YSFProject/non-H/75div25diff/T2/TumorModel-undiff-PM-100.txt' title "T2 Undiff PM" with lines, '/Users/Chris/Desktop/UCI-YSF/YSFProject/H/75div25diff/T1/TumorModel-diff-S-100.txt' title "T1 Diff S" with lines, '/Users/Chris/Desktop/UCI-YSF/YSFProject/H/75div25diff/T2/TumorModel-diff-S-100.txt' title "T2 Diff S" with lines, '/Users/Chris/Desktop/UCI-YSF/YSFProject/non-H/75div25diff/T1/TumorModel-undiff-S-100.txt' title "T1 Undiff S" with lines, '/Users/Chris/Desktop/UCI-YSF/YSFProject/non-H/75div25diff/T2/TumorModel-undiff-S-100.txt' title "T2 Undiff S" with lines