

Table S1. *dis3* and *ras* interact to promote G2/M transition

GENOTYPE ^a	G1	S	G2/M
wild type	19.6 ± 5.3%	15.0 ± 7.1%	65.4 ± 4.5%
<i>dis3</i> RNAi	1.8 ± 1.5%	3.5 ± 1.6%	94.6 ± 2.1% **
<i>ras</i> ^{V12}	10.0 ± 6.3%	11.6 ± 5.9%	78.4 ± 9.0% **
<i>dis3</i> RNAi + <i>ras</i> ^{V12}	10.9 ± 7.8%	33.4 ± 10.5%	55.6 ± 8.7% *

Average percentage of cells in G1, S, and G2/M phase (± SD) in the pouch region of wing imaginal discs expressing FUCCI reporters and indicated UAS-transgenes of *dis3* or *ras*. N ≥ 13 wing discs and 1000 cells scored per genotype.

^a Female late wandering third instar larvae with *MS1096gal4/+; UAS-CFP::E2F, UAS-VenusNLS::CycB/+* and indicated *dis3* and *ras*^{V12} transgenes.

* Student's t-test $p < 1 \times 10^{-3}$ relative to wild type.

** Student's t-test $p < 1 \times 10^{-4}$ relative to wild type.