

Drosophila melanogaster

JNKKKs

Slpr

Wnd

Tak1

Ask1

JNKKs

Hep

Mkk4

JNKs

Bsk

TFs

Kay

Jra

Homo sapiens

JNKKKs

MAP3K
9

MAP3K
10

MAP3K
11

MAP3K
21

MAP3K
13

MAP3K
12

MAP3K
7

MAP3K
15

MAP3K
5

JNKKs

MAP2K
4

MAP2K
7

JNKs

MAPK
10

MAPK
8

MAPK
9

TFs

FOS

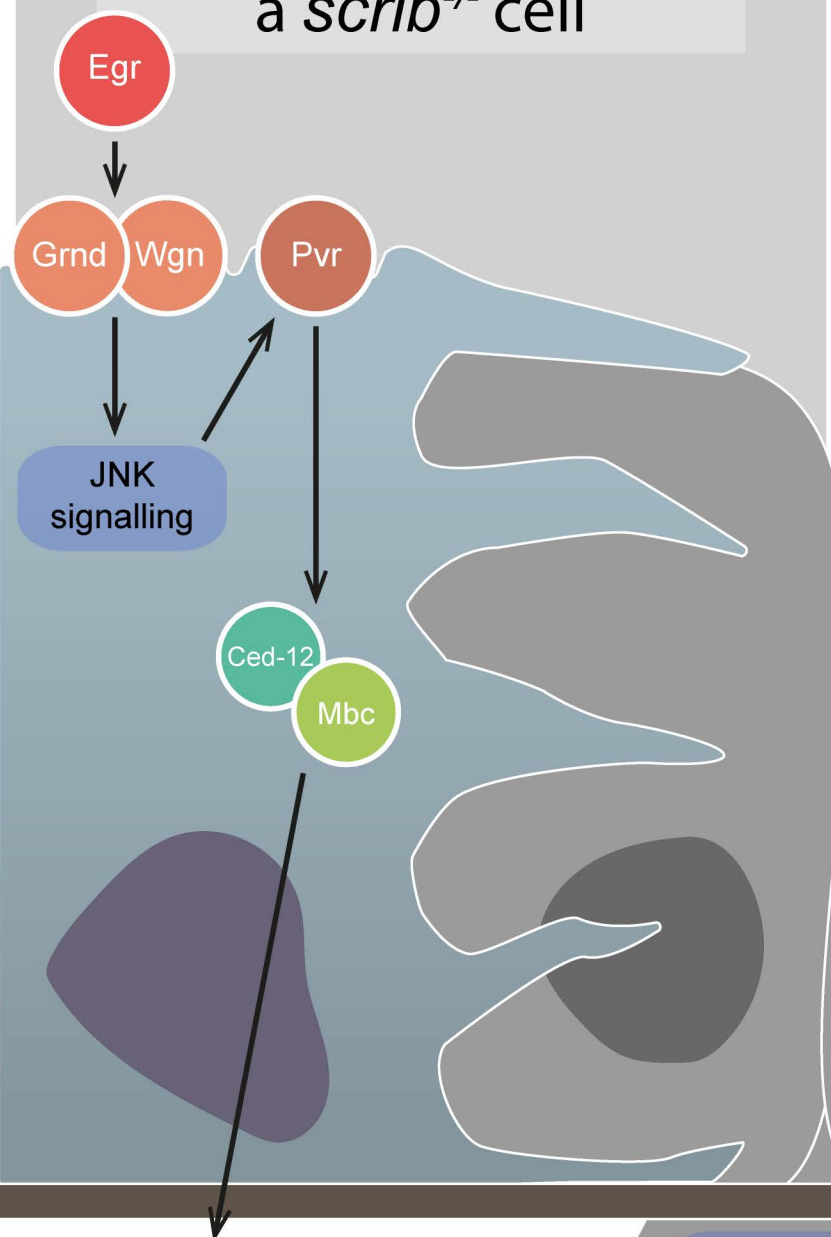
FOSL1

FOSL2

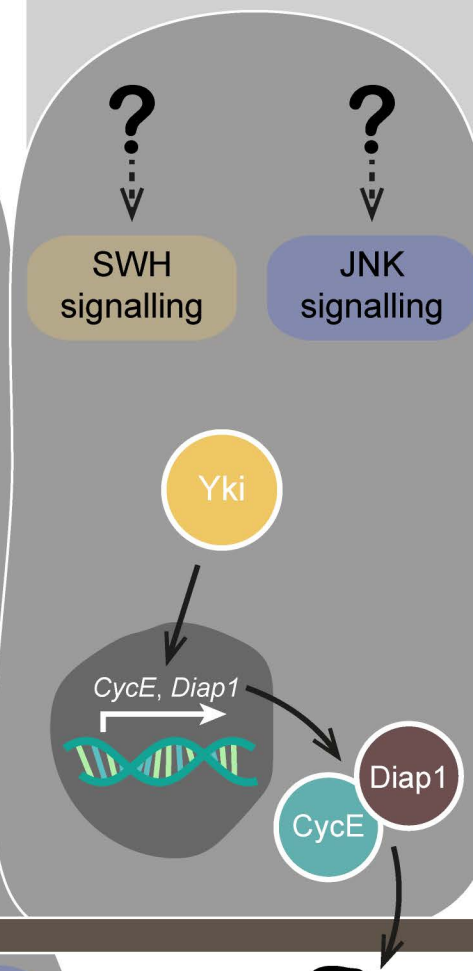
JUN

JUND

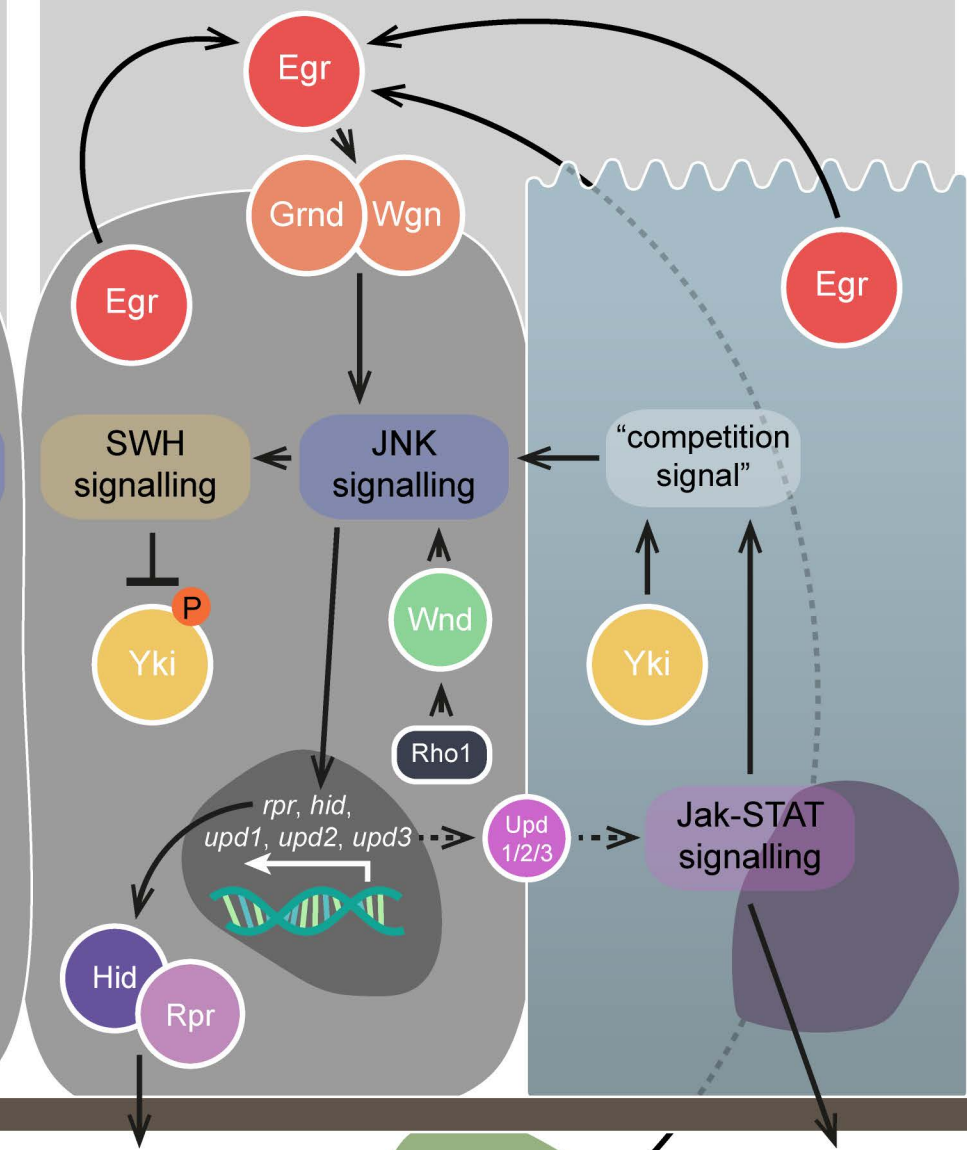
wildtype cell engulfing a *scrib*^{-/-} cell



scrib^{-/-} cell avoiding competition



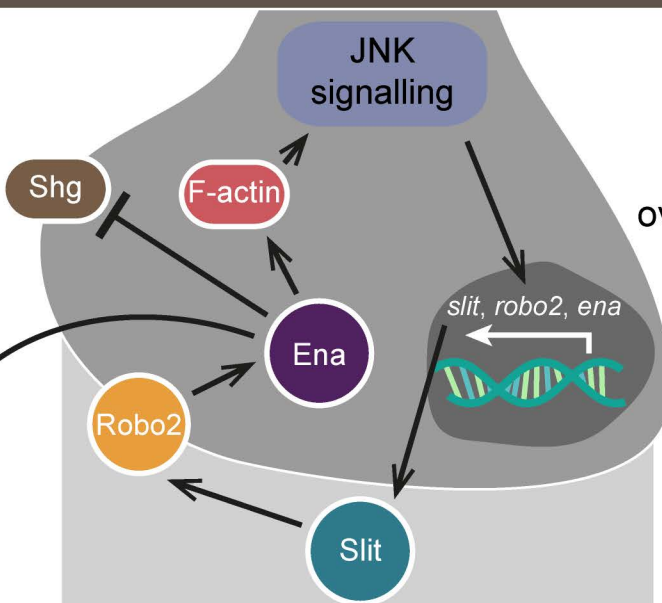
scrib^{-/-} cell undergoing competition



engulfment



extrusion



scrib^{-/-} cell basal extrusion

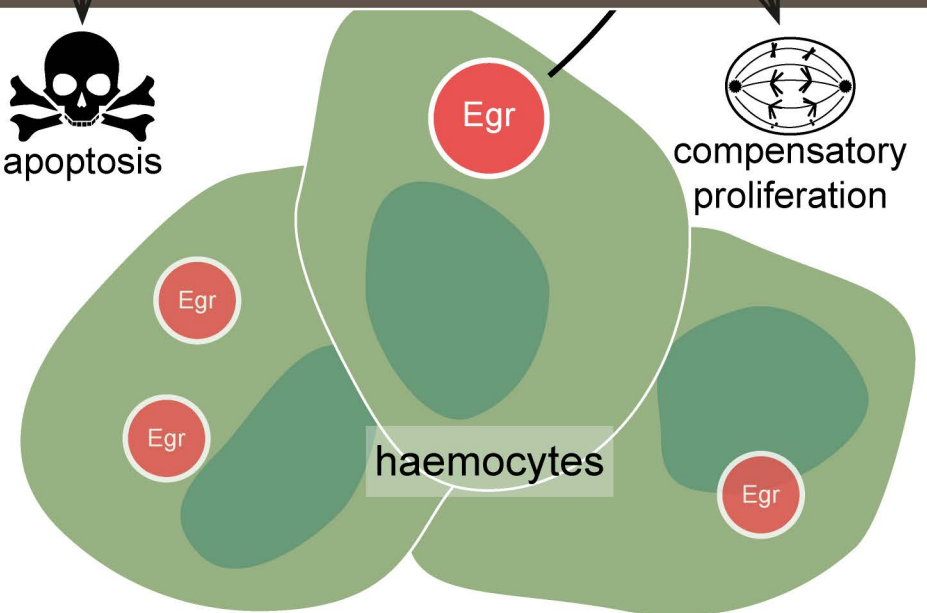
survival and overproliferation



apoptosis

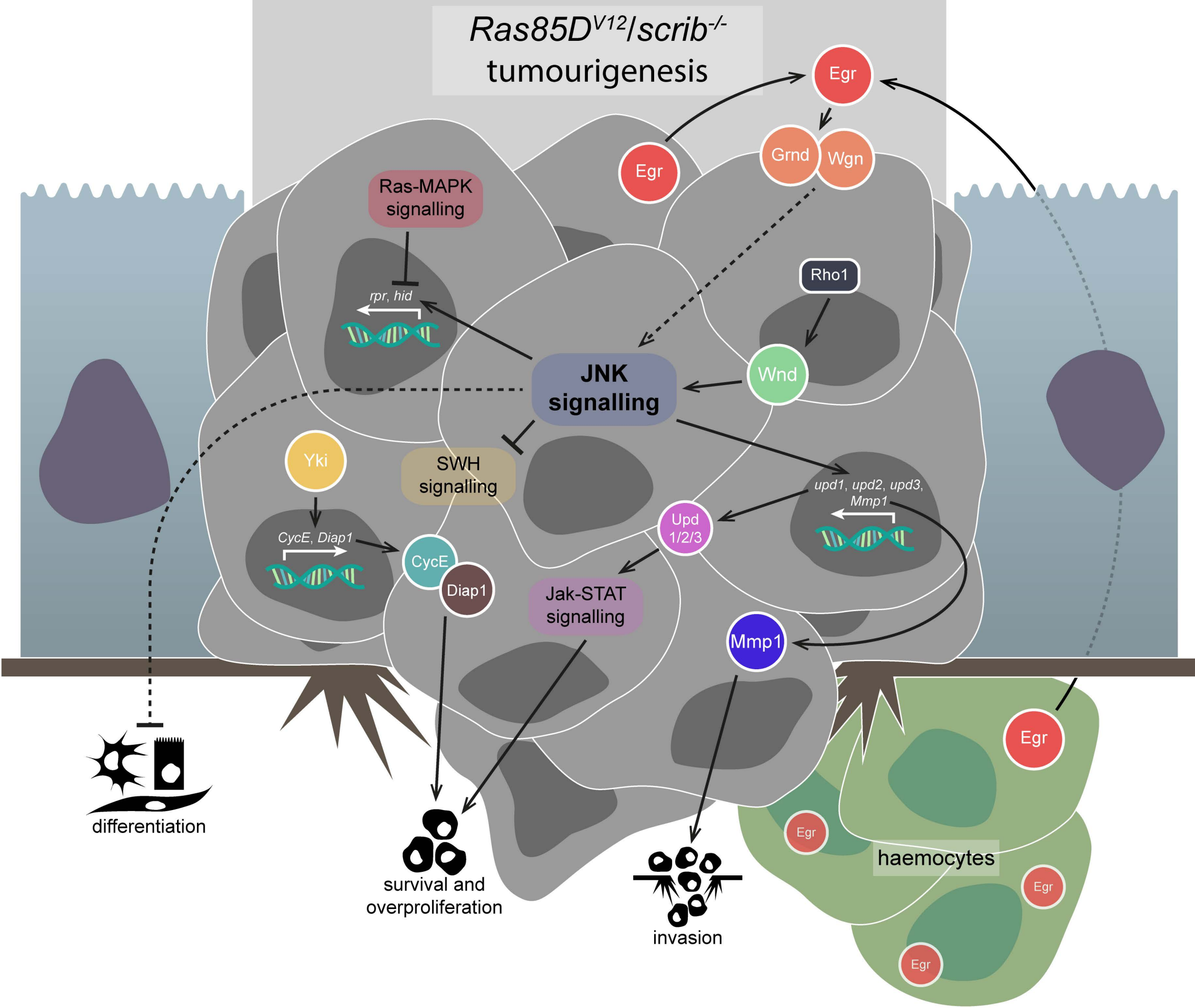


compensatory proliferation



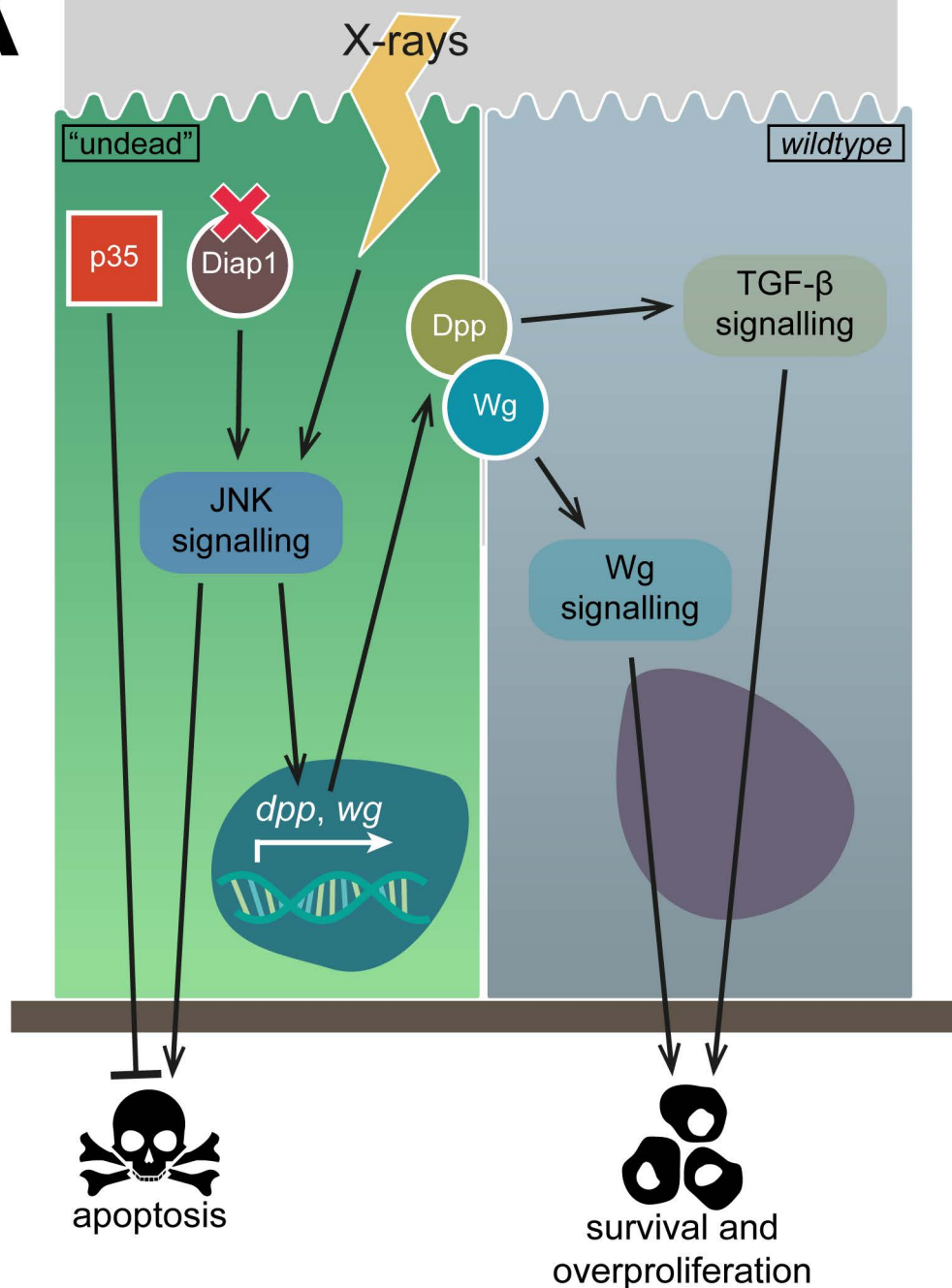
haemocytes

Ras85D^{V12}/scrib^{-/-}
tumourigenesis



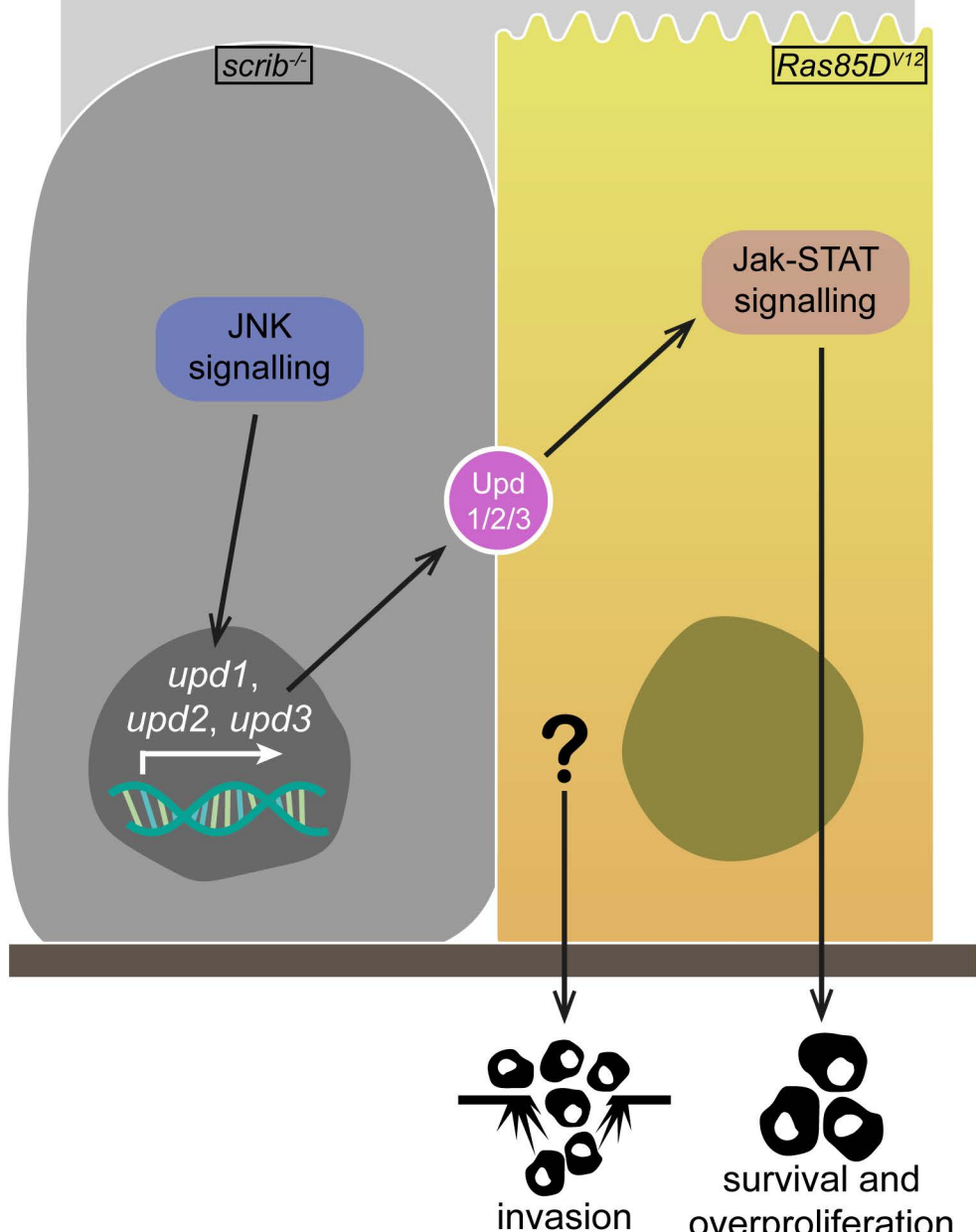
A

“undead” cell promoting non-autonomous proliferation



B

scrib^{-/-} cell inducing non-autonomous tumourigenesis of a *Ras85D*^{V12}-expressing cell



C

“*Ras85D*^{V12}/*mito*^{-/-}” non-autonomous tumourigenesis

