

Table EV2: a summary of detailed drosophila genotypes.

Figure1:

+/+ or Y; +/+; *byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+* (A, B and G), +/+ or Y; *UAS-Ras^{G12V}/+*; *byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+* (A and G), +/+ or Y; *UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/+*; *byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+* (A and B), +/+ or Y; *UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/UAS-GFP*; *byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+* (H and K), +/+ or Y; *UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/+*; *byn-Gal4, UAS-GFP, tub-Gal80^{TS}/UAS-dif-RNAi* (C, J and K), +/+ or Y; *UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/UAS-dl-RNAi*; *byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+* (C, I and K), +/+ or Y; *UAS-GFP/+*; *byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+* (D and F), +/+ or Y; +/+; *byn-Gal4, UAS-GFP, tub-Gal80^{TS}/UAS-dif-RNAi* (D), +/+ or Y; *UAS-dl-RNAi/+*; *byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+* (D), +/+ or Y; *UAS-Ras^{G12V}/UAS-GFP*; *byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+* (E), +/+ or Y; *UAS-Ras^{G12V}/UAS-cact-RNAi*; *byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+* (E), +/+ or Y; *UAS-cact-RNAi/+*; *byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+* (F), *UAS-Arm^{S10}/+* or Y; +/+; *byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+* (G), *UAS-Arm^{S10}/+* or Y; *UAS-Ras^{G12V}/+*; *byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+* (G).

Figure2:

+/+ or Y; *UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/+*; *byn-Gal4, UAS-GFP, tub-Gal80^{TS}/UAS-Toll1-RNAi* (A and E), +/+ or Y; *UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/+*; *byn-Gal4, UAS-GFP, tub-Gal80^{TS}/UAS-Toll9-RNAi* (A and F), +/+ or Y; *UAS-GFP/+*; *byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+* (B), +/+ or Y; +/+; *byn-Gal4, UAS-GFP, tub-Gal80^{TS}/UAS-Toll1-RNAi* (B), +/+ or Y; +/+; *byn-Gal4, UAS-GFP, tub-Gal80^{TS}/UAS-Toll9-RNAi* (B), +/+ or Y; +/+; *byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+* (C), +/+ or Y; *UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/+*; *byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+* (D).

Figure3:

+/+ or Y; *UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/UAS-GFP*; *byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+* (A, C, G and H), +/+ or Y; *UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/UAS-dl-RNAi*; *byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+* (A, C and G), +/+ or Y; *UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/UAS-blanks-RNAi*; *byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+* (D), +/+ or Y; *UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/UAS-cht4-RNAi*; *byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+* (D and H), +/+ or Y; *UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/UAS-mfs14-RNAi*; *byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+* (D), +/+ or Y; *UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/UAS-cht5-RNAi*; *byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+* (E), +/+ or Y; *UAS-GFP/+*; *byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+* (F), +/+ or Y; *UAS-blanks-RNAi/+*; *byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+* (F), +/+ or Y; *UAS-cht4-RNAi/+*; *byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+* (F), +/+ or Y; *UAS-mfs14-RNAi/+*; *byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+* (F).

Figure4:

+/+ or Y; *UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/+*; *byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+* (A, B, C, E-G), +/+ or Y; +/+; *byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+* (D).

Figure5:

+/+ or Y; *UAS-shg-RNAi*, *UAS-put-RNAi*, *UAS-p38a-RNAi*, *UAS-ft-RNAi*, *UAS-brm-RNAi*, *UAS-ago-RNAi*, *UAS-apc-RNAi*, *UAS-p53-RNAi*, *UAS-Ras^{G12V}/+*; *byn-Gal4*, *UAS-GFP*, *tub-Gal80^{TS}/UAS-ago-RNAi*, *UAS-apc-RNAi* (A, CPCT006), +/+ or Y; *UAS-pten-RNAi*, *UAS-pten-RNAi*, *UAS-apc-RNAi*, *UAS-apc-RNAi*, *UAS-smox-RNAi*, *UAS-smox-RNAi*, *UAS-p53-RNAi*, *UAS-p53-RNAi*, *UAS-Ras^{G12V}/+*; *byn-Gal4*, *UAS-GFP*, *tub-Gal80^{TS}/UAS-upfl--RNAi*, *UAS-nej-RNAi*, *UASrhoGAPp190-RNAi*, *UAS-tefu-RNAi*, *UAS-apc-RNAi*, *UAS-smox-RNAi*, *UAS-pten-RNAi*, *UAS-p53-RNAi* (B, CPCT018), +/+ or Y; *UAS-lrp1-RNAi*, *UAS-dnapol-eta-RNAi*, *UAS-rad51c-RNAi*, *UAS-pc-RNAi*, *UAS-CG13344-RNAi*, *UAS-nos-RNAi*, *UAS-smox-RNAi*, *UAS-p53-RNAi*, *pvr/+*; *byn-Gal4*, *UAS-GFP*, *tub-Gal80^{TS}/UAS-Ras^{G12V}*, *UAS-apc-RNAi*, *UAS-apc-RNAi*, *UAS-apc-RNAi*, *UAS-apc-RNAi*, *UAS-smox-RNAi*, *UAS-smox-RNAi*, *UAS-p53-RNAi*, *UAS-p53-RNAi* (C, CPCT045). +/+ or Y; *UAS-ird1-RNAi*, *UAS-wdb-RNAi*, *UAS-scat-RNAi*, *UAS-debcl-RNAi*, *UAS-smox-RNAi*, *UAS-smox-RNAi*, *UAS-pten-RNAi*, *UAS-pten-RNAi*, *pvr*, *chico/+*; *byn-Gal4*, *UAS-GFP*, *tub-Gal80^{TS}/UAS-Ras^{G12V}*, *UAS-apc-RNAi*, *UAS-apc-RNAi*, *UAS-apc-RNAi*, *UAS-apc-RNAi*, *UAS-p53-RNAi*, *UAS-p53-RNAi*, *UAS-p53-RNAi*, *UAS-p53-RNAi* (D, CPCT050), +/+ or Y; *UAS-med-RNAi*, *UAS-med-RNAi*, *UAS-apc-RNAi*, *UAS-apc-RNAi*, *UAS-smox-RNAi*, *UAS-smox-RNAi*, *UAS-p53-RNAi*, *UAS-p53-RNAi*, *chico*, *UAS-Ras^{G12V}/+*; *byn-Gal4*, *UAS-GFP*, *tub-Gal80^{TS}/UAS-mus81-RNAi*, *UAS-pi4kIIIa-RNAi*, *UAS-CG4238-RNAi*, *UAS-fur2-RNAi*, *UAS-trr-RNAi*, *UAS-med-RNAi*, *UAS-p53-RNAi*, *UAS-apc-RNAi* (E, CPCT029), +/+ or Y; *UAS-ago-RNAi*, *UAS-wts-RNAi*, *UAS-CG7742-RNAi*, *UAS-Atg2-RNAi*, *UAS-Ras^{G12V}*, *Apc-RNAi*, *UAS-P53-RNAi/UAS-GFP*; *byn-Gal4*, *UAS-GFP*, *tub-Gal80^{TS}/+* (RAPp1, F), +/+ or Y; *UAS-vrp1-RNAi*, *UAS-ry-RNAi*, *UAS-khc-73-RNAi*, *UAS-Ras^{G12V}*, *Apc-RNAi*, *UAS-P53-RNAi/UAS-GFP*; *byn-Gal4*, *UAS-GFP*, *tub-Gal80^{TS}/+* (RAPp2, F).

Figure6:

+/+ or Y; *UAS-Ras^{G12V}*, *Apc-RNAi*, *UAS-P53-RNAi/UAS-GFP*; *byn-Gal4*, *UAS-GFP*, *tub-Gal80^{TS}/+* (A, C, E and F), +/+ or Y; *UAS-Ras^{G12V}*, *Apc-RNAi*, *UAS-P53-RNAi/+*; *byn-Gal4*, *UAS-GFP*, *tub-Gal80^{TS}/UAS-brm-RNAi* (A, C, E and F), +/+ or Y; *UAS-Ras^{G12V}*, *Apc-RNAi*, *UAS-P53-RNAi/+*; *byn-Gal4*, *UAS-GFP*, *tub-Gal80^{TS}/UAS-ago-RNAi* (A, C, E and F), +/+ or Y; *UAS-Ras^{G12V}*, *Apc-RNAi*, *UAS-P53-RNAi/UAS-shg-RNAi*; *byn-Gal4*, *UAS-GFP*, *tub-Gal80^{TS}/+* (A, C, E and F), +/+ or Y; *UAS-Ras^{G12V}*, *Apc-RNAi*, *UAS-P53-RNAi/UAS-upfl-RNAi*; *byn-Gal4*, *UAS-GFP*, *tub-Gal80^{TS}/+* (A, C, E and F), +/+ or Y; *UAS-Ras^{G12V}*, *Apc-RNAi*, *UAS-P53-RNAi/UAS-rhoGAPp190-RNAi*; *byn-Gal4*, *UAS-GFP*, *tub-Gal80^{TS}/+* (A, C, E and F), +/+ or Y; *UAS-Ras^{G12V}*, *Apc-RNAi*, *UAS-P53-RNAi/+*; *byn-Gal4*, *UAS-GFP*, *tub-Gal80^{TS}/UAS-CG13344-RNAi* (A), +/+ or Y; *UAS-Ras^{G12V}*, *Apc-RNAi*, *UAS-P53-RNAi/+*; *byn-Gal4*, *UAS-GFP*, *tub-Gal80^{TS}/UAS-p38a-RNAi* (A), +/+ or Y; *UAS-Ras^{G12V}*, *Apc-RNAi*, *UAS-P53-RNAi/+*; *byn-Gal4*, *UAS-GFP*, *tub-Gal80^{TS}/UAS-ft-RNAi* (A), +/+ or Y; *UAS-Ras^{G12V}*, *Apc-RNAi*, *UAS-P53-RNAi/UAS-put-RNAi*; *byn-Gal4*, *UAS-GFP*, *tub-Gal80^{TS}/+* (A), +/+ or Y; +/*UAS-GFP*; *byn-Gal4*, *UAS-GFP*, *tub-Gal80^{TS}/+* (B), +/+ or Y; +/+; *byn-Gal4*, *UAS-GFP*, *tub-Gal80^{TS}/UAS-brm-RNAi* (B), +/+ or Y; +/+; *byn-Gal4*, *UAS-GFP*, *tub-Gal80^{TS}/UAS-ago-RNAi* (B), +/+ or Y; +/*UAS-shg-RNAi*; *byn-Gal4*, *UAS-GFP*, *tub-Gal80^{TS}/+* (B), +/+ or Y; +/*UAS-upfl-RNAi*; *byn-Gal4*, *UAS-GFP*, *tub-Gal80^{TS}/+* (B), +/+ or Y; +/*UAS-rhoGAPp190-RNAi*; *byn-Gal4*, *UAS-GFP*, *tub-Gal80^{TS}/+* (B), +/+ or Y; *UAS-ago-RNAi*, *UAS-wts-RNAi*, *UAS-CG7742-RNAi*, *UAS-Atg2-RNAi*, *UAS-Ras^{G12V}*, *Apc-RNAi*,

UAS-P53-RNAi/UAS-GFP; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+ (RAPp1, G), *+/+* or *Y*; *UAS-ago-RNAi, UAS-wts-RNAi, UAS-CG7742-RNAi, UAS-Atg2-RNAi, UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/+; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/UAS-brm-RNAi* (RAPp1, G), *+/+* or *Y*; *UAS-ago-RNAi, UAS-wts-RNAi, UAS-CG7742-RNAi, UAS-Atg2-RNAi, UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/+; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/UAS-ago-RNAi* (RAPp1, G), *+/+* or *Y*; *UAS-ago-RNAi, UAS-wts-RNAi, UAS-CG7742-RNAi, UAS-Atg2-RNAi, UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/UAS-shg-RNAi; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+* (RAPp1, G), *+/+* or *Y*; *UAS-ago-RNAi, UAS-wts-RNAi, UAS-CG7742-RNAi, UAS-Atg2-RNAi, UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/UAS-upf1-RNAi; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+* (RAPp1, G), *+/+* or *Y*; *UAS-ago-RNAi, UAS-wts-RNAi, UAS-CG7742-RNAi, UAS-Atg2-RNAi, UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/UAS-rhoGAPp190-RNAi; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+* (RAPp1, G), *+/+* or *Y*; *UAS-vrp1-RNAi, UAS-ry-RNAi, UAS-khc-73-RNAi, UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/UAS-GFP; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+* (RAPp2, H), *+/+* or *Y*; *UAS-vrp1-RNAi, UAS-ry-RNAi, UAS-khc-73-RNAi, UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/+; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/UAS-brm-RNAi* (RAPp2, H), *+/+* or *Y*; *UAS-vrp1-RNAi, UAS-ry-RNAi, UAS-khc-73-RNAi, UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/+; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/UAS-ago-RNAi* (RAPp2, H), *+/+* or *Y*; *UAS-vrp1-RNAi, UAS-ry-RNAi, UAS-khc-73-RNAi, UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/UAS-shg-RNAi; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+* (RAPp2, H), *+/+* or *Y*; *UAS-vrp1-RNAi, UAS-ry-RNAi, UAS-khc-73-RNAi, UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/UAS-upf1-RNAi; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+* (RAPp2, H), *+/+* or *Y*; *UAS-vrp1-RNAi, UAS-ry-RNAi, UAS-khc-73-RNAi, UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/UAS-rhoGAPp190-RNAi; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+* (RAPp2, H).

Figure EV1:

+/+ or *Y*; *+/+*; *byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+* (A-E), *+/+* or *Y*; *UAS-Ras^{G12V}/+; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+* (B, C, D, F and G), *UAS-Arm^{S10}/+ or Y*; *+/+*; *byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+* (C and H), *UAS-Arm^{S10}/+ or Y*; *UAS-Ras^{G12V}/+; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+* (C and I), *+/+* or *Y*; *UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/+; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+* (D and K). *+/+* or *Y*; *UAS-Ras^{G12V}, UAS-P53-RNAi/+; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+* (D and J).

Figure EV2:

+/+ or *Y*; *UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/+; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/UAS-Toll3-RNAi* (A), *+/+* or *Y*; *UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/+; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/UAS-Toll4-RNAi* (A), *+/+* or *Y*; *UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/+; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/UAS-Toll5-RNAi* (A), *+/+* or *Y*; *UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/+; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/UAS-Toll6-RNAi* (A), *+/+* or *Y*; *UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/+; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/UAS-Toll7-RNAi* (A), *+/+* or *Y*; *UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/+; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/UAS-Toll8-RNAi* (A), *+/+* or *Y*; *UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/UAS-GFP; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+* (D), *+/+* or *Y*; *UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/+; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/UAS-Toll1-RNAi* (B and D), *+/+* or *Y*; *UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/+; byn-Gal4, UAS-GFP, tub-*

Gal80^{TS}/UAS-Toll9-RNAi (C and D).

Figure EV3:

+/+ or Y; UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/+; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/UAS-rel-RNAi (A), *+/+ or Y; UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/UAS-domeHJM21208-RNAi; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+* (A), *+/+ or Y; UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/+; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/UAS-domeHMS01293-RNAi* (A), *+/+ or Y; UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/UAS-bsk-RNAi; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+* (A), *+/+ or Y; UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/UAS-GFP; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+* (B), *+/+ or Y; UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/+; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/UAS-CG9360-RNAi* (B), *+/+ or Y; UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/+; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/UAS-ref(2)p-RNAi* (B), *+/+ or Y; UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/UAS-CG32302-RNAi; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+* (B), *+/+ or Y; UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/UAS-CG17104-RNAi; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+* (B), *+/+ or Y; UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/UAS-mec2-RNAi; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+* (B), *+/+ or Y; UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/UAS-CG1698-RNAi; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+* (B), *+/+ or Y; UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/UAS-CG15739-RNAi; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+* (B), *+/+ or Y; UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/UAS-ag5r-RNAi; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+* (B), *+/+ or Y; UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/+; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/UAS-arc1-RNAi* (B), *+/+ or Y; UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/UAS-CG2065-RNAi; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+* (B), *+/+ or Y; UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/UAS-CG10182-RNAi; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+* (B), *+/+ or Y; UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/UAS-CG18473-RNAi; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+* (B), *+/+ or Y; UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/UAS-GFP; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+* (C), *+/+ or Y; UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/UAS-cdc23-RNAi; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+* (C), *+/+ or Y; UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/UAS-rpt3r-RNAi; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+* (C), *+/+ or Y; UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/+; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/UAS-ter94-RNAi* (C), *+/+ or Y; UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/UAS-prosalph-RNAi; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+* (C), *+/+ or Y; UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/+; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/UAS-alh-RNAi* (C), *+/+ or Y; UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/UAS-punch-RNAi; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+* (C), *+/+ or Y; UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/+; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/UAS-CG4502-RNAi* (C), *+/+ or Y; UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/+; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/UAS-CG12493-RNAi* (C), *+/+ or Y; UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/+; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/UAS-vis-RNAi* (C), *+/+ or Y; UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/+; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/UAS-rpt4-RNAi* (C), *+/+ or Y; UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/+; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/UAS-rpn3-RNAi* (C), *+/+ or Y; UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/UAS-GFP; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+* (D), *+/+ or Y; UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/UAS-cyp4p1-RNAi; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+* (D), *+/+ or Y; UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/UAS-hsp23-RNAi; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+* (D), *+/+ or Y; UAS-Ras^{G12V}, Apc-RNAi, UAS-*

P53-RNAi/UAS-mal-a6-RNAi; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+ (D), +/+ or Y; UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/+; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/UAS-fng-RNAi (D), +/+ or Y; UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/UAS-CG30427-RNAi; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+ (D), +/+ or Y; UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/+; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/UAS-pros-beta3-RNAi (D), +/+ or Y; UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/UAS-idh-RNAi; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+ (D), +/+ or Y; UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/UAS-CG8036-RNAi; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+ (D), +/+ or Y; UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/UAS-CG32365-RNAi; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+ (D), +/+ or Y; UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/UAS-CG4733-RNAi; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+ (D), +/+ or Y; UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/UAS-CG14395-RNAi; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+ (D), +/+ or Y; UAS-Ras^{G12V}/UAS-GFP; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+ (E), +/+ or Y; UAS-Ras^{G12V}/+; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/UAS-nd-pdsw-RNAi (E), +/+ or Y; UAS-Ras^{G12V}/UAS-cda4-RNAi; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+ (E), +/+ or Y; UAS-Ras^{G12V}/+; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/UAS-muc-RNAi (E), +/+ or Y; UAS-Ras^{G12V}/UAS-CG4459-RNAi; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+ (E), +/+ or Y; UAS-Ras^{G12V}/UAS-cox5a-RNAi; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+ (E), +/+ or Y; UAS-Ras^{G12V}/UAS-CG32564-RNAi; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+ (E), +/+ or Y; UAS-Ras^{G12V}/UAS-nd-b22-RNAi; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+ (E), +/+ or Y; UAS-Ras^{G12V}/UAS-cox7a-RNAi; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+ (E), +/+ or Y; UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/+; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+ (F, G and I), +/+ or Y; UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/dl[1]; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+ (F), +/+ or Y; +/+; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+ (H).

Figure EV4:

+/+ or Y; UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/+; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+ (A-E), +/+ or Y; +/+; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+ (E).

Figure EV5:

+/+ or Y; UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/UAS-GFP; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+ (A and B), +/+ or Y; UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/+; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/UAS-DNApol-eta-RNAi (A), +/+ or Y; UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/+; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/UAS-lrp1-RNAi (A), +/+ or Y; UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/UAS-tefu-RNAi; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+ (A), +/+ or Y; UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/+; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/UAS-nej-RNAi (A), +/+ or Y; UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/+; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/UAS-nos-RNAi (A), +/+ or Y; UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/UAS-pc-RNAi; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+ (A), +/+ or Y; UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/UAS-rad51C-RNAi; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+ (A), +/+ or Y; UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/UAS-GFP; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+ (B), +/+ or Y; UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/+; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/UAS-brm-RNAi (B), +/+ or Y; UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/+; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/UAS-ago-RNAi (B), +/+ or Y; UAS-Ras^{G12V}, Apc-RNAi, UAS-P53-RNAi/UAS-shg-RNAi; byn-Gal4, UAS-GFP, tub-Gal80^{TS}/+ (B), +/+ or Y; UAS-Ras^{G12V},

Apc-RNAi, *UAS-P53-RNAi/UAS-upf1-RNAi*; *byn-Gal4*, *UAS-GFP*, *tub-Gal80^{TS/+}* (B), *+/+* or *Y*; *UAS-Ras^{G12V}*, *Apc-RNAi*, *UAS-P53-RNAi/UAS-rhoGAPp190-RNAi*; *byn-Gal4*, *UAS-GFP*, *tub-Gal80^{TS/+}* (B), *+/+* or *Y*; *+/UAS-GFP*; *byn-Gal4*, *UAS-GFP*, *tub-Gal80^{TS/+}* (C), *+/+* or *Y*; *+/+*; *byn-Gal4*, *UAS-GFP*, *tub-Gal80^{TS/UAS-brm-RNAi}* (C), *+/+* or *Y*; *+/+*; *byn-Gal4*, *UAS-GFP*, *tub-Gal80^{TS/UAS-ago-RNAi}* (C), *+/+* or *Y*; *+/UAS-shg-RNAi*; *byn-Gal4*, *UAS-GFP*, *tub-Gal80^{TS/+}* (C), *+/+* or *Y*; *+/UAS-upf1-RNAi*; *byn-Gal4*, *UAS-GFP*, *tub-Gal80^{TS/+}* (C), *+/+* or *Y*; *+/UAS-rhoGAPp190-RNAi*; *byn-Gal4*, *UAS-GFP*, *tub-Gal80^{TS/+}* (C).