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| **FIGURE** | **GENOTYPE** |
| Figure 1A-F  | *repoGal4/+ (OregonR)* |  |
| Figure 1G-L | *UAS-mCD8GFP, repoGal4/+ (OregonR)* |  |
| Figure 1M-R | *btlGal4, UAS-GFP/+ (OregonR)* |  |
| Figure 2B,E | *repoQF2, QUAS-mCD8GFP/+ (OregonR)*   | control |
| Figure 2C,E | *worGal4, UAS-dp60/repoQF2,QUAS-mCD8GFP* |  |
| Figure 2D,E | *worGal4; repoQF2,QUAS-mCD8GFP/UAS-raptorRNAi* |  |
| Figure 2F,H,I | *repoGal4/+ (OregonR)* | control |
| Figure 2G,H,I | *repoGal4/UAS-dp60* |  |
| Figure 2J,K | *btlGal4, UAS-GFP/UAS-dp60* |  |
| Figure 2K | *btlGal4, UAS-GFP/+ (OregonR)*  | control |
| Figure 3A,B,D | *NP0577Gal4, UAS-mCD8GFP* |  |
| Figure 3C,D | *NP0577Gal4, UAS-mCD8GFP, UAS-dp60* |  |
| Figure 3E,F,H | *moodyGal4, UAS-mCD8GFP* |  |
| Figure 3G,H | *moodyGal4, UAS-mCD8GFP/UAS-dp60* |  |
| Figure 4A,D,E | *NP0577Gal4/+(OregonR)* | control |
| Figure 4B,D,E | *NP0577Gal4/UAS-dp60* |  |
| Figure 4C,D,E | *NP0577Gal4/UAS-grim* |  |
| Figure 4F,H | *moodyGal4/+(OregonR)* | control |
| Figure 4G,H | *moodyGal4/UAS-dp60* |  |
| Figure 4J | *NP0577GAL4, UAS-histoneRFP/UAS-grim* |  |
| Figure 4K | *NP0577GAL4, UAS-mCD8GFP/UAS-grim* |  |
| Figure 5A | *OregonR/w1118 and dilp11/dilp11 and dilp21/dilp21 and dilp31/dilp31 and dilp41/dilp41 and dilp51*/*dilp51* and *dilp668/dilp668* and *dilp71/dilp71 and dilp21/Df(3L)Ilp2-3* |
| Figure 5B | *OregonR/w1118* | control |
| Figure 5C | *dilp21/dilp21* |
| Figure 5D | *dilp668/dilp668* |
| Figure 5E,G | *NP0577Gal4, UAS-mCD8GFP* | control |
| Figure 5F,G | *NP0577Gal4, dilp21/UAS-mCD8GFP, dilp21* |  |
| Figure 5G | *NP0577Gal4, Df(3L)Ilp2-3/UAS-mCD8GFP, dilp21* |  |
| Figure 5H,J | *btlGal4, UAS-GFP/+ (OregonR)* | control |
| Figure 5I,J | *btlGal4, UAS-GFP, dilp21/dilp21* |  |
| Figure 6A,C | *repoQF2, QUAS-mCD8GFP/+ (OregonR)* | control |
| Figure 6B,C | *dilp668; repoQF2, QUAS-mCD8GFP* |  |
| Figure 6D,F | *btlGal4, UAS-GFP/+ (OregonR)* | control |
| Figure 6E,F | *dilp668; btlGal4, UAS-GFP* |  |
| Figure 6G,H | *Oregon R* and *dilp21/dilp21* |  |
| Figure 6I | *dilp2HA* and *dilp6HF* |  |
| Figure 6J | *dilp6HF and dilp6HF;dilp21/dilp21* |  |
| Figure 6K | *UAS-dilp2, dilp21/dilp21**dilp2GAL4, dilp21/ UAS-dilp2, dilp21**moodyGAL4, dilp21/UAS-dilp2, dilp21**NP0577GAL4, dilp21/UAS-dilp2, dilp21**dilp2GAL4, dilp21/ UAS-dilp6, dilp21* |  |
| Figure 7A | *pcnaGFP; repoGAL4, UAS-mCD8RFP* |  |
| Figure 7B-G | *UAS-mCD8GFP, repoGal4/+ (OregonR)* |  |
| Figure 7H,K | *UAS-mCD8GFP, repoGal4/UAS-dp60* |  |
| *UAS-mCD8GFP, repoGal4/+ (OregonR)* | control |
| Figure 7I,K | *NP0577Gal4, UAS-mCD8GFP/+ (OregonR)* | control |
| *NP0577Gal4, dilp21/UAS-mCD8GFP, dilp21* |  |
| Figure 7J,K | *repoQF2, QUAS-mCD8GFP/+ (OregonR)* | control |
| *worGal4, UAS-dp60/repoQF2, QUAS-mCD8GFP* |  |
| S1 Figure B-J | *repoGal4/+ (OregonR)* |  |
| S1 Figure K | *repoGal4/UAS-dupRNAi* |  |
| S1 Figure M,N | *btlGal4, UAS-GFP/+ (OregonR)* |  |
| S2 Figure A,B | *worGAL4/UAS-dp60* |  |
| *worGal4/+ (OregonR)* | control |
| S2 Figure C,D | *UAS-mCD8GFP, repoGal4/+ (OregonR)* | control |
| *UAS-mCD8GFP, repoGal4/UAS-dp60* |  |
| S2 Figure E,F | *btlGal4, UAS-GFP/+ (OregonR)* | control |
| *btlGal4, UAS-GFP/UAS-dp60* |  |
| S2 Figure H,I,J | *btlLexA, LexAOP-mCD8GFP* | control |
| *worGal4/UAS-dp60; btlLexA, LexAOP-mCD8GFP* |  |
| S2 Figure K,L | *btlLexA, LexAOP-mCD8GFP* | control |
| *UAS-dp60; repoGal4/btlLexA, LexAOP-mCD8GFP* |  |
| S2 Figure M,N | *repoQF2, QUAS-mCD8GFP/+ (OregonR)* | control |
| *btlGAL4/UAS-dp60, repoQF2, QUAS-mCD8GFP* |  |
| S3 Figure B | *repoGal4/+ (OregonR)* |  |
| S3 Figure C,D | *NP0577Gal4/UAS-histoneRFP* |  |
| S3 Figure E,F | *moodyGal4/UAS-histoneRFP* |  |
| S5 Figure A-E | *OregonR/w1118* | control |
| *dilp21/dilp21 and* *dilp668/dilp668* |  |
| S6 Figure A | *dilp668/dilp668; dilp21/dilp21* |  |