

**poxn full1**

**poxn full152**

**poxn deltaSfoBs105**

**poxn deltaSfoBs127**

poxn mutant

**poxn brainless**

**poxn SuperA**

**Ir76b-Gal4/CyO; Ir76b-LexA/TM6B**



67E03-Ga14/CyO; VT033654-Ga14/TM6B

If/CyO; VT033654/TM6B

67E03-LexA/CyO; Mkrs/TM6B

**LexAOp-Gal80, UAS-shi[ts]**

**LexAOp-Gal80, UAS-CD8::GFP**

**70G12-Ga14**

**70G12-LexA**

**72B03-Ga14**



**70G01-Ga14**

**70G01-LexA**

**DopR2-RNAi KK**

**DopR2-RNAi TRiP**

UAS-Dcr2, DopR2-RNAi TRiP

**UAS-Dcr2; Ir76b-Gal4**

**DopR-RNAi KK**

**OAMB-RNAi KK**



**OctBeta3R**

**w+**

**w+ ; ; DAMB [ 1 ]**

**Canton-S**

**DopR2 [attP.exc]**

**Tdc2-Gal4**

**Ddc-Gal4**

**npf-Gal4**



**1B-Ga14**

**I1p7-Ga14**

**HugS3-Gal4**

**Leuc-Gal4/CyO**

**dNPF2-Gal4**

**cry-Gal80**

**cry-Gal4**

**c316-Ga14**



**Ir76b-Gal4 , UAS-CD8 :: GFP**

**Ir76b [rev]**

**Ir76b [1]**

**DopR1.attPexc**

UAS-DopR CS control

DopR genomic rescue

**w1118, DopR2.attPexc**

**DAMB [ 1 ]**



**DopR2 [attP.exc]**

CS control

**57F03-LexA, LexAOp-FLP**

Ir76b-Gal4,UAS>stop>shi[ts] (5)

**dimmed-Gal4**

**Gr43a [Ga14]**

**QUAS-mCD8 : : GFP (II)**

QUAS-FLP<sub>0</sub>.P (II)



**QUAS-FLPo (III)**

QUAS-shi[ts1] (I)

QUAS-shi[ts1] (II)

QUAS-mCD8 : : GFP (III)

**QUAS-Gal80 (III)**

**Ir76b-QF**

**MiMIC MI02096**

**MiMIC MI06278**



**MiMIC MI04144**

**MiMIC CrzR**

**67E03-LexA**

**TRiP background**

**TyrR-RNAi TRiP**

**TyrRII-RNAi KK**

**DopEcR-RNAi**

**DopEcR-RNAi KK**



**DopR2-RNAi**

**EcR-RNAi TRiP**

**EcR-RNAi TRiP (2)**

**EcR-RNAi   GD**

**EcR-RNAi GD (2)**

**dj-GFP**

**Mip-RNAi   GD**

**Mip-RNAi KK**



OctBeta2R mutant

OA2 mutant

**Tdc2-LexA**

**Oamb [584]**

**Tdc2 [R054]**

tub-Gal80[ts] : UAS-NaChBac

**B1/CyO; UAS-P2X2**

**LexAOp-GCaMP6s , UAS-P2X2**



Gr9a-Gal4, 57F03-LexA, LexAOp-FLP

Gr94a-Gal4, 57F03-LexA, LexAOp-FLP

Gr43a[Gal4] , 57F03-LexA, LexAOp-FLP

If/CyO, UAS-NaChBac

**UAS-GCaMP6s , UAS-NaChBac**

**Gr9a-Gal4 , 67E03-Gal4**

Gr9a-Gal4 ,p [BDP] -Gal4

Gr94a-Gal4, 67E03-Gal4



Gr94a-Gal4 ,p [BDP] -Gal4

**Ir8a-Gal4 , 67E03-Gal4**

**Gr5a-LexA, VT033654-Gal4**

**Gr5a-Gal4 , 67E03-Gal4**

Gr5a-Gal4 ,p [BDP] -Gal4

**Gr9a-Gal4; Dr[1]/TM3**

**Gr94a-Gal4**

**Gr9a-Gal4 (III)**



Gr94a-Ga14; Dr[1]/TM3

**Gr9a-Gal4 (II)**

**Ir8a-Gal4 (II)**

**poxn-Gal4-T2A**

**poxn mutant DB**

**Gr5a-LexA DB**

poxn mutant, 67E03-Gal4

poxn mutant, p[BDP]-Gal4



poxn mutant, UAS-shi[ts]

poxn mutant, VK5

Ir8a-Gal4, poxn-Gal4-T2A

**VK00005**

**VT033654 DB**

**UAS-shi[ts] DB**

**VK00005 DB**

**67E03-Ga14 DB**



**p[BDP]-Gal4 DB**

**83F01-Ga14**

57F03-LexA, LexAOp-FLP DB

**UAS>stop>CD8::GFP, 57F03-LexA, LexAOp-FLP**

**57F03-Ga14**

**67E03-Ga14**

**p [BDP] -Gal4**

UAS-GCaMP6s , UAS-InR[DN]



**UAS-InR [DN]**

**UAS-GCaMP6s**

Mip mutant (#1432) (1485)

w1118 (isogenic to Mip mutant)

**tub-Gal4**

UAS>stop>shi[ts] (5) DB

UAS>stop>shi[ts] (9) DB

**w- ; ; TM2/TM6B**



**nSyb-Gal4 2.1**

w-, UAS-Dcr2;; nSyb-Gal4

**w<sup>-</sup> , UAS-Dcr2**

**Gr66a-Gal4**

**VT025779**

**MiMIC Dop2R**

**MiMIC Dop2R**

**MIPT-GFSTF Dop2R**



**MiMIC DopEcR**

**UAS-DAT**

**DAT mutant**

**UAS-traF**

**tra-RNAi TRiP**

**OK72-Ga14**

**UAS-grim**

**HisC1 [T2]**



DopEcR mutant

**VMAT mutant**

**Ubi-Gal4 [Pax-GFP]**

tub-Gal80[ts], UAS-NaChBac

**SNPF-RNAi (II)**

**sNPR1-RNAi (III)**

**DopR-RNAi   TRiP**

DopEcR-RNAi TRiP



OctTyrR-RNAi TRiP

OctBeta1R-RNAi TRiP

OctBeta1R-RNAi TRiP

OctBeta3R-RNAi TRiP

**OAMB-RNAi TRiP**

**OAMB-RNAi TRiP**

OctBeta2R-RNAi TRiP

**TRiP background**



UAS-Dsred: : UAS-DopR-Tango

**elav-GS**

**UAS-DopR-Tango**

**UAS-OctR-Tango**

**LexAOp-CD2::GFP; elav-GS**

UAS-Dsred; ;UAS-OctR-Tango

**SPR rescue #1**

**SPR rescue #2**



**SPR mutant DB**

**SPR London**

**SPR Carolina**

**SPR Bloomington**

**UAS-Dcr2 ; ; UAS-SPR-IR1**

**UAS-Dcr2 ; ; VT3280-Gal4**

**SP Control**

**SP Deficiency**



**98-Ga14**

**276B-FLP**

**Gr33a [Ga14]**

**dsx [FLP]**

UAS>stop>Kir2.1

UAS>stop>Kir2.1,Tdc2-Gal4

UAS>stop>Kir2.1,otd[FLP]

**fru-LexA, LexAOp-FLP**



**20xUAS-GCaMP6s (II)**

**20xUAS-GCaMP6m (III)**

**20xUAS-GCaMP6f (II)**

**TNTinactive**

**TNTactive**

**TNT Janelia**

**attP2 stock**

shibire attP2



**tub-Gal180ts DB**

**FDG-Ga14**

**41A01-Gal4**

**71G01-LexA**

**w[1118] Hassan**

**tap-RNAi**

**Gr5a-Ga14**

**VT50405-p65AD DB**



**VT045154-ZpGDBD**

**VT007068-ZpGDBD**

**VT50405-LexAGADf1**

**VT50405-LexAGADf1 DB**

**50405-Ga14 DB**

50405-LexAGADf1 DB

3280-LexAGADfl attP40

**3280-LexAp65 DB**



UAS>stop>Kir Dickson

UAS>stop>Kir Dickson 2

**VT3280-Gal4**

**VT50405-Ga14**

**SAG-1-Gal4**

**SAG-2-Gal4**

**VT44519**

**VT02074**



**VT43670**

**VT50272**

**VT13039**

**VT17934**

**VT28605**

**VT01595**

**VT43061**

**VT24633**



**VT50275**

**VT39495**

**VT19760**

**VT57141**

**VT41028**

**VT44843**

**VT63218**

**VT46011**



**VT37488**

**VT15822**

**VT28539**

**VT08182**

**VT27273**

**VT25779**

**VT39485**

**VT00254**



**DopR1.attPexc**

DopR2.attPexc

CS control

**gce-RNAi KK**

**Met-RNAi KK**

**gce-RNAi   GD**

**SIFa-RNAi Veenstra**

**SIFaR-Gal4**



**SIFaR-Gal4**

**SIFa-Ga14**

**UAS-rpr , SIFa-Gal4**

**SIFa-RNAi TRiP**

**SIFa-RNAi   TRiP2**

**SIFaR-RNAi TRiP**

SIFaR-RNAi TRiP2

VAL20 control (III)



**VAL10 control**

VAL20 control (II)

**SIFaR [B322]**

**SIFaR [MI05376]**

**67E03-LexA**

**VT033654-Gal4**

**83F01-Ga14**

**fru-LexA, LexAOp-Gal80**



**Ir76b-Gal4 DB**

**Ir76b-LexA (III) DB**

**UAS-shi[ts] DB**

**CD8 :: GFP (attP2) DB**

**UAS-GFP DB**

**TH-Ga14**

**Tdc2-Gal4**

**Dilp2-Gal4**



**crz-Gal4**

**AstA-Gal4**

**Mip-Gal4**

**Capa-Ga14**

**57F03-Ga14**

tub>stop>Gal80 (II) DB

Otd-FLP

**FM7a ; Otd-FLP**



**Tdc2-Gal4 DB**

**UAS-Dcr2 DBIII**

**UAS-Dcr2 DBII**

**UAS-Dcr2 DBIII**

**I, II DB**

**UAS>stop>Kir2.1**

**Ir76b-Gal4;50405-LexA**

UAS-GCaMP6s , LexAOp-TrpA1



UAS-GCaMP6s , Hist2Av-RFP

UAS-GCaMP6s , UAS-CD4 : : tdTomato

UAS-GCaMP6s , UAS-tdTomato-3xHA

**UAS-RFP , LexAOp-GFP**

**UAS-RFP , LexAOp-GFP DB**

**UAS-RFP , LexAOp-GFP , VT50405**

**UAS-mtdTomato-3xHA**

**CD4-TdTomato**



**UAS>stop>Kir2.1**

**UAS>stop>CD8::GFP**

**His2Av-RFP (III)**

**His2Av-RFP (II)**

**Ir76b-LexA DB**

**UAS-TrpA1 DB**

**LexAOp-GCaMP6s , UAS-P2X2**

**LexAOp-GCaMP6s**



**LexAOp-GCaMP6s**

**LexAOp-Chrimson DB**

**LexAOp-TrpA1 DB**

**LexAOp2-TrpA1 DB**

**LexAOp-TrpA1 DB**

**LexAOp-TrpA1 DB**

**LexAOp-Chrimson DB**

**UAS-Dcr2,50405-Gal4**



**UAS-SPR-IR1**

**UAS-SPR-IR2**

**1261-Ga14 DB**

**Ir76b-LexA DB II**

**UAS-TrpA1 DB**

**UAS-Kir2.1 (II)**

**LexAOp-GCaMP6s , UAS-P2X2**

**UAS-Cameleon (II)**



**UAS-RFP , LexAOp-GFP DB**

**VGLUT-RNAi KK**

**VMAT-RNAi KK**

**VGAT-RNAi KK**

**Ddc-RNAi KK**

**I1p3-RNAi KK**

**Trh-RNAi KK**

**Ilp3-RNAi TRiP**



**ChAT-RNAi TRiP**

**nSyb-RNAi   TRiP**

**ChAT-RNAi   GD**

**nSyb-RNAi   GD**

**Hdc-RNAi   GD**

**Gad1-RNAi   GD**

**TBH-RNAi   GD**

**Tdc2-RNAi   TRiP**



**TBH-RNAi   TRiP**

**Dh44-Ga14**

**Dh31-Ga14**

**FMRFa-Gal4**

**sNPF-Ga14**

**Lk-Ga14**

**Tk-Gal4**

**Trh-Gal4 II**



**UAS-Akh**

**Proc-Gal4**

**ETH-Gal4**

**Dsk-Gal4**

**Burs-Gal4**

**AstC-Gal4**

**Ms-Gal4**