

Dow/Davies Lab Fly Stock Database 2013

(Tray A*)

D/D Ref. No.	Genotype	Chr.	Genotypic/Phenotypic markers	Source/Comments
A1	OregonR	n/a	WT fly line	
A2	w ⁺ ; In(2LR)noc^{4L}Sco^{9R} , b ¹ /CyO, P{ActGFP}JMR1	I;II	CyO GFP balancer on chr2	BDSC 4533
A3	w ⁺ ; Sb1 /TM3, P{ActGFP}JMR2, Ser ¹	I;III	Serrate GFP balancer, Stubble marks non-balancer 3 rd Chr.	BDSC 4534
A4	w ⁻ ; Sp / CyO ; trp ^{CM} /TM3, Sb	III	Multiply balanced trp allele. white eyes, curly wings, stubble.	D/D
A5	w ⁻ ; Sp / CyO ; trp ³⁰¹ /TM6, Tb	III	Multiply balanced trp allele. white eyes curly wings, tubby.	D/D
A8	UAS-GFP	III	WT pheno/homoz viable	UAS-enhancedGFP reporter
A9	UAS-GFP	II	WT pheno/homoz viable	UAS-enhancedGFP reporter
A10	P(ATP-alpha)/TM3	III	transport - sodium pump alpha Subunit: Recessive lethal. Should have 3 RD chr balancer marker?	Reported as 'bang sensitive'.
A12	w ⁻ ; Gal4 ^{c724} ; UAS-EGFP	I;II;III	GAL4[tsh-c724] Stellate cells Gal4 driving eGFP reporter	Bred to homozygosity, but watch for revertant.
A13	Canton-Special (CS)	n/a	WT fly line	
A17	w ⁺ ; P{GAL4-Hsp70.PB}89-2-1	I;III	heat shock inducible GAL4	BDSC 1799
A18	w ⁺ ; P{GAL4-Hsp70.PB}2	I;II	heat shock inducible GAL4. May be segregating CyO	BDSC 2077
A23	w ¹¹¹⁸	I	white minus line used for transformants etc.	*RPT B3* But not Cantonised????
A39	ry ⁵⁰⁶ P{PZ}Vha13⁰⁵¹¹³ /TM3, GFP	III	Insertion into Vha13 gene.	BDSC 11647 with CxD , ry^{BW} 3 rd Chr. balancer replaced with TM3, GFP balancer. Line V12 . is the original balancer.
A40	w ¹¹¹⁸ ; P{EP}VhaPPA1-1^{EP3504} /TM3, GFP	I;III	Insertion into VhaPPA1-1 .	BDSC 17135 BDGP EP Line TM6B, Tb ¹ balancer replaced with TM3, GFP balancer. See also line v17 .
A41	w ¹¹¹⁸ ; P{EP}Vha13^{EP3577} /TM3, GFP	I;III	Insertion into Vha13 gene.	BDSC 17271 BDGP EP Line TM6B, Tb ¹ balancer replaced with TM3, GFP balancer. See also line v18 .
A49	y ¹ w ^{67c23} ; P{EPgy2}VhaSFD^{EY04644} /CyO	I;II	BDGP EP insertion into VhaSFD	BDSC 15758 BDGP EP Line

(Tray AF*) [Andrew Finlayson's Stocks]

AF1	UAS-HPDE11A3::YFP; TM2 Ubx e/TM6B Tb Hu e	II;III	(Line 3) Human PDE11 A3 Overexpressor	
AF2	Bl/ CyO ; UAS-HPDE11A3::YFP/TM2 Ubx e	II;III	(Line 8) Human PDE11 A3. Overexpressor; Try to select insert on third?	
AF3	PDE11Δ121	II	Deletion line. Losing CyO balancer.	
AF4	UAS-dPDE11-RBL::YFP/CyO	II	(Line 2) B Long PDE11 YFP Overexpressor	
AF6	UAS-dPDE11-RBS::YFP/Tm3, Sb	III	(Line 3) B Short PDE11 YFP Overexpressor	
AF7	UAS-dPDE11-RBS::YFP/CyO	II	(Line 5) B Short PDE11 YFP Overexpressor	
AF8	UAS-dPDE11-RBS::YFP	I	(Line 7) B Short PDE11 YFP Overexpressor	
AF9	UAS-dPDE11-RCL::YFP/Tm3, Sb	III	(Line 2) C Long PDE11 YFP Overexpressor	
AF10	UAS-dPDE11-RCL::YFP / CyO	II	(Line 5) C Long PDE11 YFP Overexpressor	
AF12	UAS-dPDE11-RCS::YFP/Tm3, Sb	III	(Line 3) C Short PDE11 YFP Overexpressor	
AF13	UAS-dPDE11-RCS::YFP	I	(Line 5) C Short PDE11 YFP Overexpressor	
AF14	UAS-dPDE11-RCS::YFP/Tm3, Sb	III	(Line 3) C Short PDE11 Overexpressor	
AF15	UAS-dPDE11-RCS::YFP	II	(Line 8) C Short PDE11 Overexpressor	
AF16	w ⁻ ; Bl?/CyO ; UAS-HPDE11A3::YFP/TM6B Tb Hu e	II;III	(Line 2) Human PDE11A3 YFP Overexpressor on III	
AF17	UAS-HPDE11A3::YFP; TM2 Ubx e/TM6B Tb Hu e	II;III	(Line 1) Human PDE11A3 YFP Overexpressor on II	
AF18	cn trpl302 [hs trpl];trp343		Rec No.2	Matt MacPherson
AF19	cn trpl302 [hs trpl];trp343			Matt MacPherson
AF20	cn trpl302 [hs trpl];trp343		Rec No.10	Matt MacPherson
AF21	cn trpl302 [hs trpl];trp343		trpl mutant	Matt MacPherson
AF25	w ⁻ ; Bl/CyO ;trp343pTRPD621G		trp mutant	Matt MacPherson
AF26	w ⁻ ; Bl/CyO ;trp343pTRPD621G		trp mutant	Matt MacPherson
AF27	w ⁻ ; Bl/CyO ;trp343pTRPD621N		trp mutant	Matt MacPherson

AF lines All overexpressors don't seem to express off of Actin Gal4/UO GAL4 but hs Gal4, GAL4^{c42}, GAL4^{c724}?

Bands of YFP o/ex at correct sizes on blot.

Note: All YFP transgenes have YFP at the C-terminal end.

(Tray B*) [Jenny's Stocks]

D/D Ref. No.	Genotype	Chr.	Genotypic/Phenotypic markers	Source/Comments
B2	st ¹ (CS)	III	st ¹ Cantonised Line. Spontaneous insertion mutant in st (CG4314).	Blomington 605 Cantonised Line.

			scarlet) Bright red eyes.	
B3	<i>w</i> ¹¹¹⁸ (CS)	I	<i>white</i> ¹¹¹⁸ Cantonised Line. White eyes	*RPT A23* Need to ensure we have ONE definitive Cantonised <i>white</i>¹¹¹⁸ Line.
B4	<i>bw</i> ¹	II	Spontaneous insertion into <i>bw</i> (CG17632, brown, brown, Plum, Pm, pteridine-modifier, ptm, Suppressor of white-coral-2, Suppressor of white-coral J, Su(w[co2]), Su(w[co])) Brown eyes	BDSC 245
B12	<i>w</i> ^h (CS)	I	<i>white</i> ^{honey} Cantonised Line. 'Honey' white eyes	Anthony Dornan
B23	CG9270-1A RNAi	II	pWiz construct. Orange eyes Works	
B24	CG9270-6F RNAi	III?	pWiz construct. Orange eyes Works	
B25	CG9270-G7-Gr RNAi	I	pWiz construct. Bright red eyes Works. Second Insert on the II or III Ch?	
B26	CG9270-G7-O RNAi	III?	pWiz construct. Orange eyes Works	
B28	<i>w</i> ; <i>UAS-w::eYFP</i> ^{D4}	?	<i>white</i> overexpression enhanced YFP construct in a <i>white</i> (minus) background. Line D4 Works	Jon Day rescue
B29	<i>w</i> ; <i>UAS-w::eYFP</i> ^{E5}	?	<i>white</i> overexpression enhanced YFP construct in a <i>white</i> (minus) background. Line E5 Works	Jon Day rescue
B30	<i>w</i> ; <i>UAS-w::eYFP</i> ^{H8}	?	<i>white</i> overexpression enhanced YFP construct in a <i>white</i> (minus) background. Line H8 Works	Jon Day rescue

(Tray C*) [cPGAL4 Enhancer Trap Stocks]

D/D Ref. No.	Genotype	Chr.	Genotypic/Phenotypic markers	Source/Comments
C42	<i>GAL4</i> ^{c42}	III	P{GAL4} enhancer trap line. Should exhibit expression in ant/pos MG, MTs, HG & acc. gland.	
C102	<i>GAL4</i> ^{c102}		P{GAL4} enhancer trap line.	
C104	<i>GAL4</i> ^{c104}		P{GAL4} enhancer trap line. Should exhibit expression in ant/pos MG.	
C118	<i>GAL4</i> ^{c118}		P{GAL4} enhancer trap line. Should exhibit expression in ant/pos MG, MTs, testis & trachea.	
C232	<i>GAL4</i> ^{c232}		P{GAL4} enhancer trap line.	
C235	<i>GAL4</i> ^{c235}		P{GAL4} enhancer trap line. Should exhibit expression in ant/pos MG, MTs & HG.	
C247	<i>GAL4</i> ^{c247}		P{GAL4} enhancer trap line. Should exhibit expression in ant/pos MG & MTs.	
C310a	<i>GAL4</i> ^{c310a}		P{GAL4} enhancer trap line.	
C324	<i>GAL4</i> ^{c324}		P{GAL4} enhancer trap line. Should exhibit expression in ant/pos MG.	
C374	<i>GAL4</i> ^{c374} /CyO	II	P{GAL4} enhancer trap line. Should exhibit expression in ant/pos MG & MTs.	
C410	<i>GAL4</i> ^{c410}		P{GAL4} enhancer trap line. Should exhibit expression in ant/pos MG & HG.	
C414	<i>GAL4</i> ^{c414}		P{GAL4} enhancer trap line. Should exhibit expression in ant/pos MG.	
C507	<i>GAL4</i> ^{c507}		P{GAL4} enhancer trap line. Should exhibit expression in ant/pos MG, ureter, initial segt. MTs.	
C533	<i>GAL4</i> ^{c533}		P{GAL4} enhancer trap line. Should exhibit expression in ant MG, post MG (s.acidic region), some HG..	
C557	<i>GAL4</i> ^{c557}		P{GAL4} enhancer trap line. Should exhibit expression in MG.	
C563 or c562?	<i>GAL4</i> ^{c563}		P{GAL4} enhancer trap line. Should exhibit expression throughout MG, MTs, HG?	
C564	<i>GAL4</i> ^{c564}		P{GAL4} enhancer trap line. Homozygous	Stocks present but these weren't in the original list?
C568a	<i>GAL4</i> ^{c568a}		P{GAL4} enhancer trap line. Should exhibit expression in ant/pos MG & MTs.	
C574	<i>GAL4</i> ^{c574} /CyO	II	P{GAL4} enhancer trap line.	
C577	<i>GAL4</i> ^{c577}		P{GAL4} enhancer trap line.	
C582	<i>GAL4</i> ^{c582}		P{GAL4} enhancer trap line.	

C625	GAL4 ^{c625}		P{GAL4} enhancer trap line. Should exhibit some expression in ant/pos MG, HG & testis.	
C626	GAL4 ^{c626}		P{GAL4} enhancer trap line. Should exhibit expression in MG, HG.	
C627	GAL4 ^{c627}		P{GAL4} enhancer trap line. Should exhibit expression in MG & MTs.	
C642	GAL4 ^{c642}		P{GAL4} enhancer trap line. Should exhibit expression in ant/pos MG, & MTs main segt.	
C647	GAL4 ^{c647}	X	P{GAL4} enhancer trap line. Should exhibit expression in ant/pos MG, MTs & HG.	
C649	GAL4 ^{c649}		P{GAL4} enhancer trap line. Should exhibit expression in ant MG (stripes in post MG?), MTs, HG.	
C655	GAL4 ^{c655}		P{GAL4} enhancer trap line. Should exhibit expression in MG & MTs.	
C678	GAL4 ^{c678}		P{GAL4} enhancer trap line. Should exhibit expression in MG & MTs.	
C685	GAL4 ^{c685}		P{GAL4} enhancer trap line.	
C710	GAL4 ^{c710}		P{GAL4} enhancer trap line. Should exhibit expression in MG, HG & MTs (Stellate Cells).	
C713	GAL4 ^{c713}		P{GAL4} enhancer trap line. Should exhibit expression in ant and some post MG.	
C724	GAL4 ^{c724}	II	P{GAL4} enhancer trap line. Should exhibit expression in MG & some MTs.	
C726	GAL4 ^{c726}		P{GAL4} enhancer trap line. Should exhibit expression in MG, MTs & HG.	
C729	GAL4 ^{c729}		P{GAL4} enhancer trap line. Should exhibit expression in MG, MTs & HG.	
C776	GAL4 ^{c776}		P{GAL4} enhancer trap line. Should exhibit expression in entire MG, MTs & HG.	
C777	GAL4 ^{c777}		P{GAL4} enhancer trap line. Should exhibit expression in MG, some MTs & HG.	
C791	GAL4 ^{c791}		P{GAL4} enhancer trap line. Should exhibit expression in MG (stronger levels in males) & MTs.	
C793	GAL4 ^{c793}		P{GAL4} enhancer trap line. Should exhibit expression in larval ant/post MG & HG and throughout adult gut.	
C801	GAL4 ^{c801}		P{GAL4} enhancer trap line. Should exhibit expression in MG, MTs & HG.	
C803	GAL4 ^{c803}		P{GAL4} enhancer trap line. Should exhibit expression in MG.	
C807	GAL4 ^{c807}		P{GAL4} enhancer trap line. Should exhibit expression in MG.	
C825	GAL4 ^{c825}		P{GAL4} enhancer trap line. Should exhibit expression in MG, MTs & HG.	
C835	GAL4 ^{c835}		P{GAL4} enhancer trap line.	Stocks present but these weren't in the original list? c833 (exhibiting expression in MG)?
C855	GAL4 ^{c855}		P{GAL4} enhancer trap line. Should exhibit expression in ant/post MG, MTs (transitional segt.?).	
C1187	GAL4 ^{c1187}		P{GAL4} enhancer trap line. Homozygous	
C1777	GAL4 ^{c1777}		P{GAL4} enhancer trap line. Homozygous	

(Tray D*, Tray L*, and Tray O*) [Val's Stocks]

D/D Ref. No.	Genotype	Chr.	Genotypic/Phenotypic markers	Source/Comments
D1	dn1 - 1B	I	UAS -NOS - Red eyes, straight wings.	Mike Rugulski Red eyes, straight wings
D2	dn1 - 2A	I	NOS - . Red eyes, straight wings.	Red eyes, straight wings
D3	dn1 - 3	I	NOS - Red eyes, straight wings.	Red eyes, straight wings
D4	dn2 - 3A	I	NOS - Red eyes, straight wings.	Red eyes, straight wings
D6	Aeq:dn1 - 2A ; hs GAL4/TM68B	I	NOS - Red eyes, straight wings.	Red eyes, straight wings
D10	Aeq :hs GAL4:trpcm	I	trp - Trpcm expressing aequorin on the first chromosome, temp sensitive mutation in the trp gene. Red eyes, straight wings.	
D14	w- ; Bl/CyO ; C710 Make sure c710 in 'C'line tray if so dump	I	This is c710 marked up for a big cross.	Red eyes, curly wings.
D16	y w- ; + / + ; 31 /TM3 Sb Check with Selim & maybe dump	I	IP(3) Kinase line.	Red eyes, straight wings. Should be stubble.
D21	w- dn1-2a / CyO ; TM2 / TM6	I	NOS - Red eyes, curly wings. Is ebony still present?	

L1	aeq ; hs GAL4 ; xR12 / TM6 Tb Hu		itpr - Aequorin itpr mutants (iP3R), Red eyes, straight wings.	Pollock et al. 2003
L3	aeq ; hs GAL4 ; x1664 / TM6 Tb Hu		itpr - Aequorin itpr mutants (iP3R), Red eyes, straight wings.	Pollock et al. 2003
L4	aeq ; hs GAL4 ; norp A P24 / TM6 Tb Hu		itpr - Aequorin PLC mutants. Red eyes, curly wings.	Pollock et al. 2003
L5	aeq ; hsGAL4 ; norpAHS2 / TM6 Tb Hu		itpr - Aequorin PLC mutants. Red eyes, straight wings.	Pollock et al. 2003
L10	w- ; + ; trpcm One of L10 or O1 can stay		trp mutants. White eyes, straight wings.	Roger Hardie
L12	w- ; trpl302 ; trpcm		trp mutants. White eyes, straight wings.	Roger Hardie
O1	w- ; +/- ; trpcm One of L10 or O1 can stay		Trp mutant	Roger Hardy
O2	w- ; 37/CyO ; +/TM6		IP3K1 mutant	
O3	w: BCL ; +		IP3K1 mutant	
O8	w- ; + ; ANI		IP3K2 mutant	
O10	aeq ; hs GAL4 ; ANI		IP3K2 mutant	
O11	y w- ; hs GAL4/CyO ; 90B0/TM6		IP3 rec mutant	
O18	w- ; hs GAL4/CyO ; TM2e/TM6 Tb Hu		hs GAL4 marker line	
O19	w- ; Bl/CyO ; H52/TM6TbHu		PLC mutant	
O20	w- ; + ; norpA p24		PLC mutant	
O21	aeq ; hs GAL4 ; norpA p24		PLC mutant	
O24	rec#10 cntprl(hstrpl) ; trp34/TM6		trp34 trp allele a little more leaky than P301, not complete null	
O25	12/4 bn ¹⁰¹ w- ; P[hs trpl]#141 Keep either O25 or O26		trpl rescue	
O26	w- ; P[hs trpl]#141 Keep either O25 or O26		Rescue construct on 2nd chrsome with white on x. Heat shock at 37 oC for 1 hr >_90% of flies die in next 12 hrs	
O27	P[hs-trpl]55BC ; TM6B/MKRS	II;III	55BC is estimation of insert, same as 141 which is the only insert Niemeyer got on 2nd Ch. ebony?	
O28	rec#2 cntprl P[hs-trpl] ; trp34/TM6			
(Tray E*) [AQP Stocks]				
D/D Ref. No.	Genotype	Chr.	Genotypic/Phenotypic markers	Source/Comments
E10	UAS hid/CyO	II	Cell Death line for cell ablation. Hid (CG5123 , head involution defect, head involution defective, W, Wrinkled)	Igaki, T. et al. 2000. PNAS 97(2) .
(Trays F*) [Selim Terhzaz's Stocks]				
D/D Ref. No.	Genotype	Chr.	Genotypic/Phenotypic markers	Source/Comments
F1	y ¹ w ^{67c23} ; P[lacW]milt ^{k04704} /CyO, Act-GFP	I;III	Insertion in CG13777 (milton, milt) trafficking kinesin-binding protein	BDSC 10553 with CyO balancer replaced with CyO Actin-GFP
F2	y ¹ ; P[SUPor-P]Drp1 ^{KG03815} / Cyo, Act-GFP ; ry ⁵⁰⁶	I;II;III	Insertion in CG3210 (Dynamin related protein 1, Drp1)	BDSC 13510 with CyO balancer replaced with CyO Actin-GFP
F3	Df(2L)D20, Drp1^{D20} nrd^{D20} cn ¹ bw ¹ sp ¹ /In(2LR)Gla, wg ^{Gla-1}	II	Deficiency in CG3210 (Dynamin related protein 1, Drp1) Also known as l(2)22Fd ^{D20}	BDSC 3911 with CyO balancer replaced with CyO Actin-GFP
F4	Drp1 [H7]/CyO	II	Also known as l(2)22Fc ^{H7} and drp1 ^{H7}	BDSC 4376 (no longer in Bloomington) with balancer replaced with Cyo Actin-GFP balancer. Verstreken et al. 2005 Neuron 47(3) Also see JAT10.
F5	Drp1^{T26} cn ¹ bw ¹ sp ¹ / Cyo, Act-GFP	II	Lethal allele. Also known as l(2)22Fd ^{T26}	BDSC 3662 with CyO balancer replaced with CyO Actin-GFP
F7	y ¹ sesB^{9Ed-4} y ¹ fl/FM6	I	stress-sensitive B (CG16944) mutant flies y w bar shaped eyes	Kevin O'Dell BDSC 8863
F8	sesB^{9Ed-1} /FM7a	I	stress-sensitive B (CG16944) mutant flies y w bar shaped eyes	Kevin O'Dell BDSC 4687
F9	UAS-SERCA-YFP(1)	?	YFP tagged p-UAST construct of SERCA-ER calcium pump	D/D -S.Terzhaz
F10	UAS-SERCA-YFP(2)	?	YFP tagged p-UASTconstruct of SERCA-ER calcium pump	D/D -S.Terzhaz
F11	UAS-SERCA-YFP(3)	?	YFP tagged p-UAST construct of SERCA-ER calcium pump	D/D -S.Terzhaz
F12	UAS-SERCA-YFP(4)	?	YFP tagged p-UAST construct of SERCA-ER calcium pump	D/D -S.Terzhaz
F13	UAS-SERCA-RNAi(1)	?	SERCA- RNAi mutant lethal when crossed to c42 bright red eyes	
F15	UAS-SERCA-RNAi(3)	?	SERCA- RNAi mutant lethal when crossed to c42 orange eyes	
F16	UAS-Nuclear aequorin(1)	?		

F17	UAS-Nuclear aequorin(2)	?		
F18	UAS-Nuclear aequorin(3)	?		
F19	UAS-Nuclear aequorin(4)	?		
F20	UAS-SPoCK-RNAi(1)	?	Exhibits calcium and fluid secretion phenotype	
F21	UAS-SPoCK-RNAi(2)	?		
F22	UAS-SPoCK-RNAi(3)	?		
F23	UAS-SPoCK-RNAi(4)	?		
F24	Drosophila Sechellia	n/a	WT species	
F25	Drosophila Mauritania	n/a	WT species	
F26	Drosophila Simulans	n/a	WT species	
F27	y ¹ w ⁺ ; P{Mae-UAS.6.11}CG14709^{UY4731}	I;III	Insertion upstream of CG14709 (ABC Transporter)	BDSC 6770 Monnier et al. 2002
F28	Df(2R)Px2/CyO, P{sevRas1.V12}FK1	II	Deficiency in Plexate	BDSC 2604 Note- Originally described in database as Df(2R)Px2/ SM5 which is actually Kyoto Stock 107424 .
F29	y ¹ w ^{67c23} ; P{lacW}k08308b P{lacW}k08308a P{lacW}Ca-P60A^{k08308ab} P{lacW}k08308bc/CyO	I;II	Insertion in SERCA, Kum, dSERCA, l(2)k09025, Ca-P60, CaP60A	BDSC 12389
F30	y ¹ w ^{67c23} ; P{lacW}Rya-r44F^{k04913}/CyO	I;II	Insertion in Ryanodine receptor 44F Ryanodine receptor mutant	BDSC 10559 Rpt of F42
F31	y ¹ w ¹¹¹⁸ ; P{lacW}(3)L7251^{L7251}/TM3, Ser⁻¹	I;III	Insertion in SPoCK (CG32451) Secretory Pathway Calcium atpase	BDSC 10205
F33	y w ey FLP;drpl2P{y ⁺ }25F FRT40A/GlaBc	I;III	dynamain related protein Carries Flp/FRT sites	Hugo Bellen
F34	w ¹¹¹⁸ ; P{GT1}BG01168	I;III	Insertion in SPoCK (CG32451) Secretory Pathway Calcium atpase	BDSC 12799
F35	Catⁿ¹/TM3, Sb¹ Ser¹	III	Single amino acid replacement: E189K in CG6871 (Catalase, Cat, DMCATHPO, CATA)	BDSC 4014
F36	w ¹ ; P{UAS-Cat.A}2	I;II	UAS-Catalase	BDSC 24621
F37	w ¹ ; P{UAS-Sod2.M}UM83	I;II	UAS-SOD.2 CG8905 Superoxide dismutase 2 (Mn)(MnSOD, Mn SOD, SOD, Sod-2)	BDSC 24494
F38	Sodⁿ¹ red¹/TM3, Sb¹ Ser¹	III	Loss of function allele of Sod (Superoxide dismutase, sod1, CuZnSOD, cSOD, Cu/Zn sod, Cu/ZnSOD, Cu-Zn SOD, Sod-1, CuZn-SOD, Cu/Zn superoxide dismutase, CuZn SOD) from Sod ^F (Sod ^F Fast) single amino acid replacement: G49S. Also known as n108	BDSC 24492 (Old BDSC designation 4015)
F39	y ¹ w ¹¹¹⁸ ; P{UAS-Gal4.H}12B	I;II	Amplifies expression of GAL4 in combination with another GAL4 driver. Amplification can be variable, suggesting tissue-specific effects, position effects or construct instability.	BDSC 5939
F40	y ¹ w ¹¹¹⁸ ; P{UAS-Gal4.H}3A	I;III	Amplifies expression of GAL4 in combination with another GAL4 driver. Amplification can be variable, suggesting tissue-specific effects, position effects or construct instability.	BDSC 5938
F41	SERCA Pel (lacZ)		y and Cyo.	BDSC Line?
F42	y ¹ w ^{67c23} ; P{lacW}Rya-r44F^{k04913}/CyO	I;II	Insertion in CG10844 (Ryanodine receptor 44F, Rya44F, RyR) mutant	BDSC 10559 Rpt of F30
F43	w ¹¹¹⁸ ; Df(3L)Exel9066, PBac{RBr}Exel9066/TM6B, Tb¹	I;III	Defeciciency 78D5-78D6 CG14575 (78D6-78D6) capaR, capa receptor deletion?	BDSC 7950
F45	Df(3L)31A, pp/Dp(3:3)C126, cp¹ in¹ kni^{ri-1} pp	III	Chr. Deletion 78A--78E over tandem duplication.	BDSC 3627
F46	Df(2R)I4, cn¹ bw¹/CyO	II	Deficiency 51C3--51E11 Df in trpm (CG34123 , trp Channel m)?	BDSC 6482
F47	y ¹ w ^{67c23} ; P{EPgy2}trpm^{EY01618}/CyO	I;II	Insertion into trpm (CG34123 , trp Channel m)	BDSC 15365
F48	w ⁺ ; Sb ¹ /TM3, P{ActGFP}JMR2, Ser¹	I;III	3 rd Chr. Act-GFP Balancer	BDSC 4534
F49	C(1)M3, y ¹ /Dp(1;Y)y ⁺ ; P{A92}tsh^{v21}; ca¹ awd^k	I;II;III	Insertion into CG1374 (tsh, teashirt)	BDSC 1018
F50	w ¹¹¹⁸ ; P{XP}unc-104^{d11204}/CyO	I;II	Gene trap in unc-104 ^{d11204}	BDSC 19346 See also JAT9
F51	If/Cyo; 48.4c/TM3 Sb e	III	GFP-aequorin Line# 173 GFP Transgenic on III Don't know what 'If' relates to. inflated?	Nitabach Lab (Yale School of Medicine)
F52	If/Cyo; 48.5a/TM3 Sb e	III	GFP-aequorin Line # 175 CyO Balanced GFP Transgenic on III Don't know what 'If' relates to. inflated? Works -used in assay	Nitabach Lab
F53	48.6b/Cyo; TM3 Sb e/TM6C Ser e	II;III	GFP-aequorin Line # 178 GFP Transgenic present on II. GFP Transgenic present on II but also III Chr Balancers making it (e/ e) ebony	Nitabach Lab
F54	48.11b/Cyo; TM3 Sb e/TM6C Ser e	II;III	GFP-aequorin	Nitabach Lab

			Line # 185 GFP Transgenic present on II. Meant to carry III Chr Balancers making it (e/ e') ebony but only Sb marker overt and line appears 'ebonised' rather than ebony (cf F53). Works -used in assay	
F63	If/Cyo; 48.10a/TM3 Sb e	III	GFP-aequorin Line #183 GFP Transgenic present on III. Don't know what 'If' relates to. inflated?	Nitabach Lab
F55	UAS-sesB RNAi	III	Viable 1 On Target/0 Off Target CG16944 (sesB, ses B, stress sensitive B, stress-sensitive B)	VDRC RNAi 52457/GD Line
F56	UAS-sesB RNAi	III	Viable 1 On Target/1 Off Target CG16944 (sesB, ses B, stress sensitive B, stress-sensitive B)	VDRC RNAi 11968/GD Line
F57	UAS-sesB RNAi	II	Viable 1 On Target/1 Off Target CG16944 (sesB, ses B, stress sensitive B, stress-sensitive B)	VDRC RNAi 48581/GD Line
F58	GAL4 ^{201Y} :GFP/Cyo	II	MB specific GFP expression line	Neuropa
F59	UAS-DCR2	III	Increases RNAi efficacy	Dickson Lab/IMP/VDRC
F62	pAKH-GAL4	?	adipokinetic hormone Gal4	Isabel et al. 2005 Am J Physiol Regul Integr Comp Physiol . 2005. vol288(2)
F65	UAS-(mito)luciferase (Line2)	III	Homozygosed.	D/D
F66	UAS-(mito)luciferase (Line3)	III	Works in assay. Homozygosed.	D/D
F67	UAS-(mito)luciferase (Line4)/FM7	II	Homozygosed.	D/D
F68	UAS- (cytosolic) luciferase (Line1)	I	Works in assay. Balanced over FM7.	D/D
F69	UAS- (cytosolic) luciferase (Line3)	III	Homozygosed.	D/D
F70	UAS- (cytosolic) luciferase (Line4)	III	Homozygosed.	D/D
F72	PWIZ-Capa-1	I	OK in assay Capa-RNAi	D/D
F73	PWIZ-Capa-6	III	Capa-RNAi	D/D
F74	PWIZ-Capa	II	OK in assay Capa-RNAi	D/D
F75	PWIZ-Capa-4/CyO	II	Capa-RNAi Check to see if still balanced.	D/D
F76	PWIZ-CapaR-1	II	OK in assay Capa-RNAi	D/D
F77	PWIZ-CapaR-2/CyO	II	OK in assay Capa-RNAi	D/D
F78	PWIZ-CapaR-3/CyO	II	Capa-RNAi	D/D
F81	UAS-Capa	II		D/D
F82	UAS-Capa	I	OK in assay	D/D
F83	UAS-Capa	III		D/D
F84	UAS-sesB2-YFP-1		UAS CG16944 (sesB, ses B, stress sensitive B, stress-sensitive B) YFP reporter	D/D -S.Terhzaz
F85	UAS-sesB2-YFP-2		UAS CG16944 (sesB, ses B, stress sensitive B, stress-sensitive B) YFP reporter	D/D -S.Terhzaz
F86	UAS-sesB2-YFP-3		UAS CG16944 (sesB, ses B, stress sensitive B, stress-sensitive B) YFP reporter OK in assay	D/D -S.Terhzaz
F88	UAS-sesB1-CFP-1		UAS CG16944 (sesB, ses B, stress sensitive B, stress-sensitive B) CFP reporter	D/D -S.Terhzaz
F89	UAS-sesB1-CFP-2		UAS CG16944 (sesB, ses B, stress sensitive B, stress-sensitive B) CFP reporter OK in assay	D/D -S.Terhzaz
F90	UAS-sesB1-CFP-3		UAS CG16944 (sesB, ses B, stress sensitive B, stress-sensitive B) CFP reporter	D/D -S.Terhzaz
F91	UAS-sesB-RNAi-1		UAS CG16944 (sesB, ses B, stress sensitive B, stress-sensitive B) CFP RNAi line	D/D -S.Terhzaz
F92	UAS-sesB-RNAi-2		UAS CG16944 (sesB, ses B, stress sensitive B, stress-sensitive B) CFP RNAi line	D/D -S.Terhzaz
F93	UAS-sesB-RNAi-5		UAS CG16944 (sesB, ses B, stress sensitive B, stress-sensitive B) CFP RNAi line OK in assay	D/D -S.Terhzaz

(Tray G*) [Adrian's Stocks]

D/D Ref. No.	Genotype	Chr.	Genotypic/Phenotypic markers	Source/Comments
G1	UAS NHE1 RNAi		30 pWiz NHE1	
G2	UAS NHE1 RNAi		43 pWiz NHE1	
G3	UAS NHE1 RNAi		46 pWiz NHE1	
G4	UAS NHE1 RNAi		52 pWiz NHE1	
G5	UAS NHE1 RNAi		53 pWiz NHE1	
G6	UAS NHE1 RNAi		55 pWiz NHE1	Floating w.
G7	UAS NHE1 RNAi		63 pWiz NHE1	Floating w.
G8	UAS NHE2 (short & long Isoform)RNAi		UAS NHE2 RNAi (should knock down short and long isoform)	
G9	UAS NHE2LS RNAi		40D pWiz NHE2LS	
G11	UAS NHE2LS RNAi		52 pWiz NHE2LS	
G13	UAS::NHE1-YFP		8TW V NHE1 YFP tagged at C-terminus	

G14	UAS::NHE1-YFP		8TW V NHE1 YFP tagged at C-terminus	
G15	UAS::NHE1-YFP		9TW V NHE1 YFP tagged at C-terminus	Floating w.
G36	PBac{RB}Nhe2^{e04003}		Gene disruption insert in NHE2 (CG9256 Na ⁺ /H ⁺ hydrogen exchanger 2)	Exelexis
G37	PBac{WH}Nhe2^{f02217}		Gene disruption insert in NHE2 (CG9256 Na ⁺ /H ⁺ hydrogen exchanger 2)	Exelexis but no longer available?
G38	PBac{WH}Nhe2^{f01515}		Gene disruption insert in NHE2 (CG9256 Na ⁺ /H ⁺ hydrogen exchanger 2)	Exelexis
G39	y ¹ w ^{67c23} ; P{SUPor-P}Nhe2^{KG03334} /CyO		Insertion in NHE2 (CG9256 Na ⁺ /H ⁺ hydrogen exchanger 2) Semi-viable.	BDSC 14088
G40	y[1]w[67c23];P{y[+mC]=lacW}insc[k12405]skt[k12405]/CyO			10373
G41	w[1118];P{w[+mC]=lac W}eff[s1782]/TM3,Sb[1]		Insertion in effete	12140
G42	w[1118];Nsf[A6]/TM3,Sb[1]Ser[1]		Insertion in NSF, NEM sensitive fusion protein 2	8281
G43	w[*];P{w[+mC]=GAL4slbo.2.6}1206P{w[+mC]=UAS-GFP.S65T}T2/CyO		Insetion in amphiphysin	6498
G44	w[*];beta Tub60D[2]Kr[lf-1]/CyO		2 Insetion in beta-tubulin	
G45				14372
G46	ry[506]P{ry[+t7.2]=PZ}l(3)rQ303[rQ303]/TM3,Sb[1]			12154
G47	y[1]w[67c23];P{y[+mDint]w[BRE.BR]=SUPorP}1qf[KG03016]ry[506]			13766
G48	w[1118];eff[mer4]/tm3,Sb[1]			6401
G49	P{ry[+t7.2]=PZ}14-3-3zeta[07103]cn[1]/CyO;ry[506]		Insertion in 14.3.3 zeta	12335
G50	y[1]w[67c23];P{w[+mC]y[+mDint2]=EPgy2}CG7530[Ey04670]		Insertion in CG7530	15762
G51	cn[1]P{ry[+t7.2]=PZsip1[06373]/CyO;ry[506]		insertion in sip, SRY interacting protein 1	12034
G52	W*;p{W[+tAR]ry[+t7.2AR]=wA[R]}jar[1646]/TM3,Sb[1]Ser[1]		inserion in jaguar	7247
G53	P{PZ}CrebA⁰³⁵⁷⁶ ry ⁵⁰⁶ /TM3, P{ftz/lacC}SC1, ry ^{RK} Sb ¹ Ser ¹	III	Insertion in creb	BDSC 10183
G54	insc[P49]/CyO		5849 insertion in inscuteable	
G55	UAS::NHE1-YFP		12TW V NHE2 YFP tagged at C-terminus	
G56	UAS::NHE1-YFP		33ATW V NHE2 YFP tagged at C-terminus	
G57	UAS::NHE1-YFP		47TW V NHE2 YFP tagged at C-terminus	
G58	UAS::NHE1-YFP		48TW V NHE2 YFP tagged at C-terminus	
G59	UAS::NHE1-YFP		55TW V NHE2 YFP tagged at C-terminus	
G61	UAS::NHE2S		2TW C NHE2S CFP tagged at C-terminus	
G63	UAS::NHE2S		16TW C NHE2S CFP tagged at C-terminus	
G64	UAS::NHE2S		23TW C NHE2S CFP tagged at C-terminus	
G65	UAS::NHE2S		32TW C NHE2S CFP tagged at C-terminus	
G66	UAS::NHE2S		35TW C NHE2S CFP tagged at C-terminus	
G67	UAS::NHE2L		18TW V NHE2L Venus- YFP tagged at the C-terminus	
G68	UAS::NHE2L		38TW V NHE2L Venus- YFP tagged at the C-terminus	
G69	UAS::NHE2L		40TW V NHE2L Venus- YFP tagged at the C-terminus	
G70	UAS::NHE3		A NHE3GFP Ch?? myc GFP tag at C-terminus	
G71	UAS::NHE3		C NHE3GFP Ch?? myc GFP tag at C-terminus	
G72	UAS::NHE2S		A UAS NHE2S no tag	
G73	UAS::NHE2S		B UAS NHE2S no tag	
G74	UAS::NHE2S		C UAS NHE2S no tag	
G79	UAS RNAi		30pWiz NHE3 Ch???	
G80	P-element insertion in vhaAC45		L(2)sh1620vhaAC45	
G81	y[1]w[67c23];P{w[+mC]y[+mDint2]=EPgy2}EY09703			BDSC 16948
G82	w[1118];Pbac{w[+mC]=WH}Uro[f04888]		Piggybac insertion in urate oxidase 18814	
G83	y ¹ w ^{67c23} ; P{EPgy2}CG6783^{EY02678a} sea^{EY02678a} P{EPgy2}CG14709^{EY02678b} /TM3, Sb ¹ Ser ¹	I,III		BDSC 115579
G84	w[1118];P{w[+mC]=XP}CG8516[d10724]/TM6B,Tb[1]			BDSC 19332
G85	w[1118];P{w[+mC]=XP}CG6126[d07549]			BDSC 19276
G86	w*; P{UAS-Rab4-mRFP}2	I,II	Expresses a Rab4-RFP fusion protein under UAS control to label early endosomes	BDSC 8505
G87	w[*];P{w[+mC]=UAS-Rab11-GFP}2 UAS Rab11-GFP		Labels recycling endosomes	BDSC 8506
G88	w[*];P{w[+mC]=UAS-Grasp65-GFP}2		Expresses a CG7089-GFP fusion protein under UAS control to label golgi	BDSC 8507
G89	w[1118];P{w[+mC]=PTT-GC}Atpalpha[G00109]/TM3,Ser[1]		G109 ATPalpha GFP gene trap insertion, not great in tubules	
G90			Vha16gtGFP GFP gene trap in vha16, not bright in tubules some crystals form	
G91			P1864 on X GFP gene trap in eif-4a	
G92			5UASCx26GFP UAS mouse connexin-26GFP location unknown	
G93			10UASCx26GFP UAS mouse connexin-26GFP location unknown	

G95	UAS-Vha55::eGFP;hsGAL4/Bl;TM2/TM6		Vha55GFP driven by hsGAL4 visible at RT	Rpt of X3/Move to Vha Tray
G96			2B vha16;GFP	Move to Vha Tray
G97	y[*]w[*]P{w[+mC]=UAS-2xYFP}AX		UAS2xYFP	
G98	P{UAS-AUG-DsRed}Ea,w[*];P{UAS-AUG-DsRed}Eb;P{UAS-AUG-DsRed}Ec		Ds Red	BDSC 6280
G99	w[*];P{UAS-AUG-DsRed}B/CyO,P{sevRas1.V12}FK1		DsRed	BDSC 6281
G100	w[*];P{UAS-AUG-Dsred}A		DsRed	BDSC 6282
G101	w[*];P{w[+mC]=sqh-EYFP-Mito}3		SQH EYFP MITO	BDSC 7194
G102	w[*];P{w[+mC]=sqh-EYFP-Golgi}3		SQH EYFP GOLGI ER	BDSC 7193
G103	w[*];P{w[+mC]=sqh-EYFP-ER}3/TM6,Tb[1]		SQH EYFP ER	BDSC 7195
G106	w[*];P{w[+mC]=UAS-EGFP-beta-actin}2		UAS Beta actinCFP	
G107	w[1118];P{w[+mC]=UAS-EGFP-Clc}3		UAS Clathrin GFP 7107	
G108	w[1118];P{w[+mC]=PTT-GA}Pdi[G00198]/TM3,Sb[1]Ser[1]		Protein disulfide isomerase GFP gene trap (ER marker)	BDSC 6839
(Tray H*) [Circadian Stocks]				
D/D Ref. No.	Genotype	Chr.	Genotypic/Phenotypic markers	Source/Comments
H1	w[1118] P{w[+mC]=UAS-rpr.C}27		UAS- reaper for cell ablation. Peach eyes, straight wings.	BDSC 5823?
H3	y[1]w[67c23] ; P{w[+mC]=lacW}Cam[k04213] / CyO		Calmodulin mutant.Red eyes, curly wings.	BDSC 10379?
H4	cn[1]P{ry[+t7.2]=PZ}Cam[03909] / CyO ; ry[506]		Calmodulin mutant.Red eyes, curly wings.	BDSC 11356?
H12	vha16 gene trap / CyO		V-ATPase. Peach eyes, curly wings.	Move to Vha Tray
H13	vha SFD gene trap/Cyo		V-ATPase - vha SFD gene trap Peach eyes, curly wings.	Move to Vha Tray
(Tray I*) [NHE Overexpressor Stocks]				
D/D Ref. No.	Genotype	Chr.	Genotypic/Phenotypic markers	Source/Comments
I1	w- ; UASNHE1 V5 ; +	II	1AA UASNHE1 V5 NHE - Insertion. Red eyes, straight wings	
I2	w- ; + ; UASNHE1 V5	III	2A UASNHE1 V5 NHE - Insertion. Red eyes, straight wings	
I4	w- ; + ; UASNHE1 V5	III	3B UASNHE1 V5 NHE - Insertion. Red eyes, straight wings	
I5	w- ; UASNHE1 V5 ; +	II	4A UASNHE1 V5 NHE - Insertion. Red eyes, straight wings	
I6	w- ; UASNHE3 V5 ; +	II	1A UASNHE3 V5 NHE - Insertion. Red eyes, straight wings	
I9		III	4A UASNHE3 V5 NHE - Insertion Peach eyes, straight wings	
(Tray J*) [Martin Kerr's Stocks]				
D/D Ref. No.	Genotype	Chr.	Genotypic/Phenotypic markers	Source/Comments
J2	UAS dn1-3	II	NOS - Nitric oxide line.	
J4	w; UAS dn1-4d; sb / TM3ser	I;II;III	NOS - Nitric oxide line.	
J6	UAS DN1-6	II	NOS - Nitric oxide line.	
J7	UAS DN1-7	II	NOS - Nitric oxide line.	
J8	UAS DN1-8	II	NOS - Nitric oxide line.	Mcgettigan et al 2005
J9	UAS DN1-9	II	NOS - Nitric oxide line.	
J10	UAS DN1-10	II	NOS - Nitric oxide line.	
J11	UAS DN1-11	II	NOS - Nitric oxide line. R	
J13	Hs::GCA2		Rat ANP receptor	
J16	UAS 5HT7-Dro1	?	Homozygous for drosophila serotonin receptor 5HT7 Dro1, under control of heat shock on chromosome 2R.Peach, straight wings	P.Rosay Kerr et al., Curr Biol 2004
J20	cn ¹ P{PZ}Sply ⁰⁵⁰⁹¹ /CyO; ry ⁵⁰⁶	II	Sphingosine kinase mutant	BDSC 11393
(Tray JAT*) [JATD Stocks]				
D/D Ref. No.	Genotype	Chr.	Genotypic/Phenotypic markers	Source/Comments
JAT1	P{Mlc2+3.4}JW1-5.25; Mlc2 ^{E38}	II;III	Rescue of Myosin light chain-2 mutation	BDSC 4416
JAT2	y ¹ ; P{SUPor-P}KG04023 ry ⁵⁰⁶	I;III	upstream CG7259 (Best4) IIIrd Ch lacking P element may be present.	BDSC 13582
JAT3	w ¹¹¹⁸ ; PBac{WH}CG15177⁰³⁸⁰⁰		upstream CG15177	BDSC 18695
JAT4	w[*]; PBac{GAL4D,EYFP}PL00509 P{w[+mW.hs]=FRT(w[hs])}2A P{ry[+t7.2]=neoFRT}82B	I;III	May be segregating TM6B, Tb	BDSC 19428
JAT5	w ¹¹¹⁸ ; P{GT1}BG02782		upstream CG7777 (water transporter)	BDSC 12872
JAT7	y ¹ w ^{67c23} ; P{SUPor-P}KG06954	I;II	Insertion in CG12251 (AQP) May be segregating CyO and ry ⁵⁰⁶ .	BDSC 14061
JAT8	PBac{PB}Nha1^{c01567}	II	Disruption of CG10806 (serine protease). Insertion in the first intron - not tested.	Exelixis c01567
JAT9	w ¹¹¹⁸ ; P{XP}unc-104^{d11204} /CyO, GFP	I;II	Gene trap in unc-104. neuromuscular junction? Floating w ^p resent (contamination?).	BDSC 19346 with Cyo balancer replaced with Cyo GFP balancer. See also F50.
JAT10	Drp1 [H7]/CyO	II	Also known as <i>l(2)22Fc^{H7}</i> and <i>drp1^{H7}</i>	BDSC 4376 (no longer in Bloomington)with balancer

				replaced with Cyo GFP balancer. Verstreken et al. 2005 Neuron 47(3) Also see F4.
JAT11	Drp1^{T26} cn¹ bw¹ sp¹/In(2LR)Gla, wg^{Gla-1}	II	Drp1 mutant, mitochondrion biogenesis? Lethal	BDSC 3662
JAT12	Df(2L)D20, Drp1^{D20} nrd^{D20} cn¹ bw¹ sp¹/Cyo, GFP	II	Drp1 mutant, mitochondrion biogenesis? Lethal	BDSC 3911 balancer replaced with Cyo GFP balancer.
JAT13	In(2R)vg^U, wg^{Sp-1} amos^{Ttt} vg^U mam^U Pin²/SM1	II		BDSC 1350 balancer replaced with Cyo GFP balancer.
JAT14	y¹ w^{67c23}; P{SUPor-P}KG00446 ry⁵⁰⁶	I;III	Insertion between CG10092 and CG17816	BDSC 13665
JAT15	y¹ w¹¹¹⁸; P{GawB}cad^{md509}/CyO; MKRS/TM2	I;II;III	Expresses GAL4 in a cad ⁺ pattern. P{GawB}md509 is viable. y and w alleles are a guess; no Cy expression.	BDSC 3042
JAT16	y¹ P{SUPor-P}KG05632	I	Upstream CG1693 (tty, tweety). May be segregating FM7c.	BDSC 13639
JAT17	P{XP}d05945	II	Upstream CG3441 (Neuropeptide-like precursor 1, Nplp1)	Exelixis d05945
JAT18	y¹; P{SUPor-P}CG7777^{KG08662}	I;II	Insertion in AQP CG7777 . May be segregating CyO and ry ⁵⁰⁶ .	BDSC 14750
JAT19	y¹ w^{67c23}; P{SUPor-P}CG4019^{KG07139}	I;II	Insertion in AQP CG4019 May be segregating CyO and ry ⁵⁰⁶ .	BDSC 14323
JAT20	P{PZ}hth⁰⁵⁷⁴⁵ ry⁵⁰⁶/TM3, ry^{RK} Sb¹ Ser¹	III	Insertion in CG17117 (homothorax, hth, dorsotons, dtl)	BDSC 11670 *Rpt in M9*
JAT21	w¹¹¹⁸ P{GT1}Fas2^{BG00173}	I	Insertion in CG3665 (Fasciclin 2, Fas2, FasII)	BDSC 13110
JAT22	w¹¹¹⁸; P{GT1}BG01853	I;II	Insertion upstream AQP CG4019 .	BDSC 12605
JAT23	w¹¹¹⁸; P{XP}ine^{d07155} ?/TM6B, Tb¹	I;II;III	Insertion in CG15444 (inebriated, ine)	BDSC 19264 Exelixis
JAT26	5'CSpromoter Cyp6g1 GAL4			Yang et al 2007
JAT27	5'HR GAL4 II Cyp6g1 GAL4			Yang et al 2007
JAT29	5'HR Cyp6g1 GAL46C			Yang et al 2007
JAT30	UAS-Cyp6g1-8A			Yang et al 2007
JAT31	UAS-Cyp6g1-3A			
JAT32	9.00% Salt lines			M. Sokolowski
JAT33	7.50% Salt lines			M. Sokolowski
JAT34	5.00% Salt lines			M. Sokolowski
JAT37	8453-R3 III		CG8453 (Cyp6g1)	Yang et al 2007
JAT38	P{XP}d01709	II	Insertion in CG11328 (NHE3, Na ⁺ /H ⁺ hydrogen exchanger 3)?	Exelixis d01709
JAT39	w¹¹¹⁸; PBac{WH}Nha1^{F02140}	II	Insertion in Nha1 (Na ⁺ /H ⁺ hydrogen antiporter 1)	Exelixis F02140/BDSC 18517 (LG10806)
JAT40	yw;hbs³⁶¹/Cyo y+	II	CG7449 (hbs, hibris, icon) mutant	Artero et al. 2001 Dev 128
See AJD	ry⁵⁰⁶ (CS)	III	Deletion of ~1/3 coding region in ry (CG7642 rosy, xanthine dehydrogenase, Xanthine DH, Xdh, XDH, Xdh/ry, XOR) in a Canton S background. Loss of function/amorphic allele.	BDSC 225 Replacement for JAT6
See AJD	ry¹	III	Spontaneous loss of function allele in ry (CG7642 rosy, xanthine dehydrogenase, Xanthine DH, Xdh, XDH, Xdh/ry, XOR).	BDSC 584
See AJD	w¹¹¹⁸; PBac{WH}CG30016^{F02466}	I;III	Exelixis PBac insertion in CG30016 .	BDSC 18554

(Trays ID*) [Jon Day's Stocks]				
D/D Ref. No.	Genotype	Chr.	Genotypic/Phenotypic markers	Source/Comments
JD1	y¹ w¹¹¹⁸; 3.1Lsp2-Gal4	I;III	3.1 KB promoter frgt. <i>Larval serum protein 2</i> (<i>Lsp2</i>). Fat body GAL4 expression in larvae and adult No longer balanced on TM3, Sb.	Lazareva et al. PLoS Genet. 2007. 3(1)
JD3	y¹ w¹¹¹⁸; 0.68Lsp2-Gal4	I;III	0.68 KB promoter frgt. <i>Larval serum protein 2</i> (<i>Lsp2</i>). Fat body GAL4 expression limited to 3 rd Instar larvae. No longer balanced on TM3, Sb.	BDSC 6357? Lazareva et al. PLoS Genet. 2007. 3(1)
JD4	w⁺; P{GAL4-da.G32}UH1	I;III	Ubiquitous' weak GAL4 expression in embryos	BDSC 5460
JD5	y¹ w⁺; P{Act5C-GAL4}25FO1/Cyo, y⁺	I;II	Act5C-GAL4 fusion gene Ubiquitous strong GAL4 expression	BDSC 4414?
JD6	Actin GAL4/GFP Cyo	II	Ubiquitous strong GAL4 expression Expresses GFP-tagged Actin 5C under UAS control. ; green balancer	BDSC ?
JD7	P{Appl-GAL4.G1a}1, y¹ w⁺	I	Expresses GAL4 in the CNS under the control of APPL. Homozygosed	BDSC 30546
JD8	w¹¹¹⁸; P{GawB}c564	I;II	GAL4 expressed in larval brain, leg disc, fat body, gut and salivary glands and adult male accessory gland, seminal vesicle, ejac. duct, testis sheath,	BDSC 6892 *Rpt of LA16*

			cyst cells and sp'cytes. May be segregating CyO Strong fat body GAL4 expression Homozygosed.	
JD12	P{ey3.5-GAL4.Exel}1 , y ¹ w ¹¹¹⁸	I	GAL4 expression in pattern of CG1464 (eyeless, ey) gene	BDSC 8221
JD13	P{GawB}c374	?	c374 GAL4 marks principal cells in the main segt. tubule	Sözen et al. 1997 PNAS 94(10)
JD14	elav GAL4	III	Neuronal GAL4 expression	
JD15	w [*] ; P{GawB}Aph-4^{c507}	III	c507 GAL4 Expresses in ring neurons, large field neurons, ellipsoid body & Malpighian tubule	BDSC 30840 Sözen et al. 1997 PNAS 94(10)
JD16	Bl/Cyo; P{GawB}Aph-4^{c507} /Tm6	II;III	c507 GAL4 balanced with 3 rd Ch TM6B TB Hu balancer and with 2 nd Ch balancer strain (CyO) over Bl marker crossed in.	BDSC 30840 rebalanced with II & III Ch balancers Sözen et al. 1997 PNAS 94(10)
JD18	Bl/Cyo; P{GawB}c42	II;III	C42 Expresses GAL4 in the ellipsoid body, Malpighian tubules (principal cells), pars intercerebralis, fan shaped neurons & large field neurons Homozygosed c42 GAL4 balanced with 2 nd Ch balancer strain (CyO) over Bl marker crossed in.	BDSC 30835 crossed into II Ch balancer strain (CyO) over Bl marker bkgd.
JD19	P{tubP-GAL80^s}; P{GawB}c42	II;III	Homozygosed c42 GAL4 repressed by temperature-sensitive GAL80 (temperature-sensitive GAL80 expressed under the control of the alphaTub84B promoter; restrictive temp is 30°C)	
JD20	y ¹ w ¹¹¹⁸ ; P{UAS-InR.A1325D}2	I;II	Expresses a constitutively active InR under the control of UAS. The A1325D amino acid change mimics the human V938D change. Dominant negative insulin-like receptor.	BDSC 8263
JD21	P{UAS-InR.A1325D}2 /Cyo; Tm2/Tm6	II;III	Expresses a constitutively active InR under the control of UAS. The A1325D amino acid change mimics the human V938D change. Dominant negative insulin-like receptor.	BDSC 8263 rebalanced on II (CyO) with III Ch balancers
JD22	y ¹ w ¹¹¹⁸ ; P{UAS-InR.R418P}2	I;II	Expresses a constitutively active InR under the control of UAS. The R418P amino acid change mimics the human K86P change. Constitutively active insulin-like receptor.	BDSC 8250
JD23	P{UAS-InR.K1409A}1 , y ¹ w ¹¹¹⁸	I	Expresses a dominant negative InR under the control of UAS. Constitutively active insulin-like receptor.	BDSC 8251 Ascertain these are alive and are what they claim to be.
JD23	y ¹ w ¹¹¹⁸ ; P{UAS-InR.K1409A}3	I;III	Expresses a dominant negative InR under the control of UAS. Constitutively active insulin-like receptor.	BDSC 8253 Ascertain these are alive and are what they claim to be.
JD24	P{UAS-InR.R418P}2 /Cyo; Tm2/Tm6	II;III	Expresses a constitutively active InR under the control of UAS. The R418P amino acid change mimics the human K86P change. Constitutively active insulin-like receptor.	BDSC 8250 rebalanced on II (CyO) with III Ch balancers
JD25	w ¹¹⁸ ; P{tGPH}4	III	Expresses a fusion protein composed of GFP and the pleckstrin homology domain of Grp1 under the control of the alphaTub84B promoter; localizes to plasma membrane in the presence of phosphatidylinositol-3,4,5-trisphosphate (PIP3)	BDSC 8164
JD26	Bl/Cyo; P{tGPH}4 /Tm6	II;III	Expresses a fusion protein composed of GFP and the pleckstrin homology domain of Grp1 under the control of the alphaTub84B promoter; localizes to plasma membrane in the presence of phosphatidylinositol-3,4,5-trisphosphate (PIP3)	BDSC 8164 rebalanced over TM6 3 rd Ch balancer with II Ch balancer strain (CyO) over Bl marker bkgd.
JD27	UAS Pacα GWF1F1/Tm3	III	GFP-tagged light activated adenylate cyclase	M. Schwärzel Schröder-Lang et al 2007NatMethods 4.
JD28	UAS Pacα GWF1M3/Tm3	III	GFP-tagged light activated adenylate cyclase	M. Schwärzel Schröder-Lang et al 2007NatMethods 4.
JD29	UAS Pacα ds/Tm3	III	Light activated adenylate cyclase	M. Schwärzel Schröder-Lang et al 2007NatMethods 4.
JD30	UAS Pacα ds(2)/Tm3	III	Light activated adenylate cyclase	M. Schwärzel Schröder-Lang et al 2007NatMethods 4.
JD31	P{EPgy2}Rack1^{EY00128} /CyO GFP	II	P-element insertion in first intron of Rack1 (CG7111 , Receptor of activated protein kinase C 1) gene.	BDSC 15000 rebalanced over Act-GFP Cyo balancer
JD33	UAS Rack1 RNAi-4		pWiz RNAi for Rack1 (CG7111 , Receptor of activated protein kinase C 1).	D/D -J.Day & S.Sebastian
JD34	UAS Rack1 RNAi-1/Cyo;Tm2/Tm6	II;III	Marked pWiz Rack1 (CG7111 , Receptor of activated protein kinase C 1) gene. RNAi.	D/D -J.Day & S.Sebastian

JD35	UAS Rack1 V5-1/Tm3	III	UAS V5-tagged Rack1 (CG7111 , Receptor of activated protein kinase C 1) construct.	D/D -J.Day
JD36	UAS Rack1 V5-2/Tm3	III	UAS V5-tagged Rack1 (CG7111 , Receptor of activated protein kinase C 1) construct.	D/D -J.Day
JD37	UAS Rack1 V5-3/Cyo	II	UAS V5-tagged Rack1 (CG7111 , Receptor of activated protein kinase C 1) construct.	D/D -J.Day
JD38	UAS Rack1 V5-4/Tm3	III	UAS V5-tagged Rack1 (CG7111 , Receptor of activated protein kinase C 1) construct.	D/D -J.Day
JD39	UAS Rack1 V5-5/Tm3	III	UAS V5-tagged Rack1 (CG7111 , Receptor of activated protein kinase C 1) construct.	D/D -J.Day
JD40	UAS Rack1 V5-6/Cyo	II	UAS V5-tagged Rack1 (CG7111 , Receptor of activated protein kinase C 1) construct.	D/D -J.Day
JD41	UAS Rack1 V5-7/Cyo	II	UAS V5-tagged Rack1 (CG7111 , Receptor of activated protein kinase C 1) construct.	D/D -J.Day
JD42	UAS Rack1 V5-8/Cyo	II	UAS V5-tagged Rack1 (CG7111 , Receptor of activated protein kinase C 1) construct.	D/D -J.Day
JD43	UAS Rack1 V5-9/Tm3	III	UAS V5-tagged Rack1 (CG7111 , Receptor of activated protein kinase C 1) construct.	D/D -J.Day
JD44	UAS Rack1 V5-10/Cyo	II	UAS V5-tagged Rack1 (CG7111 , Receptor of activated protein kinase C 1) construct.	D/D -J.Day
JD45	Uw ^r ; P{UAS-AUG-DsRed}A	I;III	ds Red fluorescent protein. See- http://www.clontech.com/archive/OCT99UPD/RFP.html for technical information on DsRed	BDSC 6282
JD46	Bl/Cyo; P{UAS-AUG-DsRed}A /Tm6	II;III	ds Red fluorescent protein line. See - http://www.clontech.com/archive/OCT99UPD/RFP.html for technical information on DsRed	BDSC 6282 rebalanced over TM6 3 rd Ch balancer with II Ch balancer strain (CyO) over Bl marker bkgd.
JD47	UAS GFP/Cyo; Tm2/Tm6	II;III	UAS GFP 2 nd Ch.	Rebalanced on II (CyO) with III Ch balancers. Multiple BDSC stocks. Do we know which ones these are?
JD48	UAS GFP	II	UAS GFP 2 nd Ch.	Multiple BDSC stocks. Do we know which ones these are?
JD49	UAS GFP	III	UAS GFP 3 rd Ch.	Multiple BDSC stocks. Do we know which ones these are?
JD50	P{Drs-GFP.JM612}	I?	Drosomycin promoter GFP fusion. Also known as Drom-GFP.	Ferrandon et al. 1998 Embo 17(5)
JD51	P{Dpt-GFP.JM863}	III	Diptericin promoter GFP fusion. Also known as DiptP-GFP	Tzou et al. 2000 Immunity 13
JD52	UAS dg2 P2A/Cyo; P{Dpt-GFP.JM863} /Tm6	II;III	Diptericin promoter GFP fusion with UAS dg2 (CG10033 , dg2, FOR/PKG) P2A	D/D -J.Day
JD53	Bl/Cyo; CecP GFP/Tm6	II;III	Cecropin promoter GFP Also known as Cec-GFP	Rebalanced over TM6 3 rd Ch balancer with II Ch balancer strain (CyO) over Bl marker bkgd. Tzou et al. 2000 Immunity 13
JD54	UAS PDE1 RNAi-6	?	UAS pWiz PDE1 RNAi construct	
JD56	UAS dnc RNAi-7	?	UAS pWiz dunce (CG32498 , dnc) RNAi-7	
JD57	UAS PDE11 RNAi-9	?	UAS pWiz PDE11 RNAi construct	
JD58	UAS PDE11 RNAi	III	UAS pWiz PDE11 RNAi construct	
JD59	dnc¹	I	dunce (CG32498 , dnc) hypomorphic allele	BDSC 6020 *Rpt at K1*
JD60	y¹ dnc^{M14} cv¹ v¹ fl/FM7a	I	dunce (CG32498 , dnc) allele w- eyed males, No Bar eyes present??? Contamination???	BDSC 4714
JD62	UAS PDE9 RNAi-1	?	pWiz PDE9 RNAi construct	
JD65	UAS dg2 P2A/Cyo; 8G1/Tm6	II;III	UAS dg2 (CG10033 , dg2, FOR/PKG) P2A	What does the 8G1 refer to?
JD66	UAS PDE delta V5/Cyo; 8G1/Tm6	II;III	V5-tagged prenyl-binding protein/delta (PrBP/d)with GFP-tagged DmPDE5/6	What does the 8G1 refer to?
JD68	UAS dg2 P1B; Bl/Cyo; dg2 RNAi/Tm6	I;II;III	UAS dg2 (CG10033 , dg2, FOR/PKG) P1B and dg2 RNAi.	
JD69	UAS dg2 P2A/Cyo; P{GawB}Aph-4^{c507} /Tm6	II;III	UAS dg2 (CG10033 , dg2, FOR/PKG) P2A with driven by c507 GAL4	
JD70	P{UAS-InR.A1325D}2 /Bl; Rack1 RNAi-7/Tm6	II;III	Dominant negative insulin-like receptor with Rack1 (CG7111 , Receptor of activated protein kinase C 1) RNAi. insulin-like receptor NOT balanced but carried over Bl. No longer balanced over TM6???????	
JD71	UAS PDE delta V5-3	II?	UAS V5-tagged prenyl-binding protein/delta (PrBP/d)	
JD72	Bl/Cyo; UAS PDE delta-2	II;III	V5-tagged prenyl-binding protein/delta (PrBP/d)	
JD73	UAS PDE delta V5-1/Cyo;Tm2/Tm6		Marked up V5-tagged prenyl-binding protein/delta (PrBP/d)	
JD74	UAS PKA RII truncated		RII regulatory subunit of PKA truncated	

			(CG15862, cAMP-dependent protein kinase R2, PKA-R2).	
JD75	UAS PKA RII F6/Tm3		RII regulatory subunit of PKA (CG15862, cAMP-dependent protein kinase R2, PKA-R2).	
JD76	UAS VSV PDE6-1		N-terminal VSV-tagged PDE5/6 under UAS control	
JD77	Bl/Cyo; UAS 8G5	II;III	UAS N-terminal GFP and VSV-tagged PDE5/6 under	
JD78	UAS 8G5	III	N-terminal GFP and VSV-tagged PDE5/6 under UAS control	
JD80	UAS GFP PDE6-1		N-terminal GFP and VSV-tagged PDE5/6 under UAS control	
JD82	Bl/Cyo; UAS dg2 RNAi	II;III	UAS dg2 (CG10033, dg2, FOR/PKG) RNAi. Shown to work in assay.	Homozygosed on the 3 rd Ch with 2 nd Ch balancer strain (CyO) over Bl marker bkgd.
JD83	UAS Pac 30		light activated Adenylate cyclase?	Repeat of JD94
JD84	UAS dg2 P1A		UAS dg2 (CG10033, dg2, FOR/PKG) P1A.	
JD85	w-, UAS dg1 RNAi	I	UAS pWiz dg1 (CG3324, PKG, Pkg21D, cGMP-dependent protein kinase 21D) RNAi (24) in w ¹¹¹⁸ bkgd.	
JD87	w-, UAS dnc RNAi	I	UAS pWiz dunce (CG32498, dnc) RNAi (7) (nt 1617-2197 of transcript D) in w ¹¹¹⁸ bkgd. Moesin (Moe) What is this referring to? ~50% survival compared to controls when driven with act-GAL4; Preliminary data-susceptibility to bacterial infection when driven with c42-GAL4.	
JD88	w-; UAS PDE1 RNAi	III	UAS pWiz PDE1 RNAi (6) in w ¹¹¹⁸ bkgd. CG7546 What is this referring to? Complete larval lethality at early 2 nd instar stage when driven with act-GAL4. Decreased secondary calcium response to CAPA-1 when driven with c42-GAL4	
JD89	w-; UAS Rack1 RNAi	III	UAS pWiz Rack1 (CG7111, Receptor of activated protein kinase C 1) RNAi (4) (nt 191-798 of transcript) in w ¹¹¹⁸ bkgd. CG12054 What is this referring to? ~96 hour developmental delay to pupariation, pre-pupae ~0.8 mm (~25%) longer than controls, and 100% lethal at early pupal stage when driven with act-GAL4. ~50% increased susceptibility to oxidative (1% H2O2) stress when driven with hs-GAL4. ~50% increased susceptibility to oxidative (1% H2O2) stress when driven with c546- (fat body) GAL4. Decreased (~50% when compared to controls) tubule fluid secretion rate, decreased secondary calcium response to CAPA-1 when driven with c42-GAL4.	
JD90	w-; UAS PDE6 RNAi; UAS PDE6 RNAi	II;III	UAS PDE6 RNAi (2) Stem-loop RNAi in pUAST, made from 3'UTR of transcript in w ¹¹¹⁸ bkgd. Increase in cGMP transport rate when driven with c42-GAL4 (Day et al., 2006).	Day et al., 2006
JD92	UAS GFP PDE6 C1128S (4)		UAS GFP PDE6 C1128S (4) N-terminal tagged GFP PDE6 Cys1128Ser mutation (removes prenylation) in w ¹¹¹⁸ bkgd. 3-fold increase in tubule cGMP-PDE activity, decrease in cGMP transport rate when driven by c42-GAL4.	
JD93	UAS Drip 2A			
JD94	Pacc30		light activated Adenylate cyclase?	M. Schwärzel Schröder-Lang et al 2007NatMethods 4. Combine with JD27 - JD30? Repeat of JD94?
JD95			WP7301	What are these?
JD96			459	What are these?
JD97			NP2 614	What are these?
JD98			247	What are these?
(Tray K*) [Gayle Overends's Stocks]				
D/D Ref. No.	Genotype	Chr.	Genotypic/Phenotypic markers	Source/Comments
K1	dnc ¹	I	hypomorphic allele of dunce (dnc, CG32498).	BDSC 6020 *Rpt at JD59*
K4	UAS bovPDE5		Line 10 UAS-Bovine Type 5 Phosphodiesterase.	D/D- Broderick et al. 2004 J. Biol Chem, 279.
K6	UAS picot.c1.L5/TM3 Sb	III	Picot (CG8098) RNAi line (pWIZ) construct 1, w ⁺ .	
K7	UAS picot.c1.L6/TM3, Sb	III	Picot (CG8098) RNAi line (pWIZ) construct 1, w ⁺ .	

K8	UAS picot.c2.L3/CyO	II	Picot (CG8098) RNAi line (pWIZ) construct 2, w ⁺ .	
K9	UAS picot.c2.L5/CyO	II	Picot (CG8098) RNAi line (pWIZ) construct 2, w ⁺ .	
K10	UAS picot.c2.L6/TM3, Sb	III	Picot (CG8098) RNAi line (pWIZ) construct 2, w ⁺ .	
K11	UAS picot.c3.L2		Picot (CG8098) RNAi line (pWIZ) construct 3, w ⁺ , homozygous, w ⁺ .	
K12	UAS picot.c3.L3/CyO	II	Picot (CG8098) RNAi line (pWIZ) construct 3, w ⁺ .	
K13	UAS picot.c3.L5/TM3, Sb	III	Picot (CG8098) RNAi line (pWIZ) construct 3, w ⁺ .	
K14	UAS CG3994.c1.L1/TM3, Sb	III	CG3994 RNAi line (pWIZ) construct 1, w ⁺ .	
K15	UAS CG3994.c1.L3/CyO	II	CG3994 RNAi line (pWIZ) construct 1, w ⁺ .	
K16	UAS CG3994.c1.L4/CyO	II	CG3994 RNAi line (pWIZ) construct 1, w ⁺ .	
K17	UAS CG3994.c2.L1/CyO	II	CG3994 RNAi line (pWIZ) construct 2, w ⁺ .	
K18	UAS CG3994.c2.L2/CyO	II	CG3994 RNAi line (pWIZ) construct 2, w ⁺ .	
K19	UAS CG3994.c2.L8/TM3, Sb	III	CG3994 RNAi line (pWIZ) construct 2, w ⁺ .	
K20	UAS CG3994.c3.L1/CyO	II	CG3994 RNAi line (pWIZ) construct 3, w ⁺ .	
K21	UAS CG3994.c3.L2/CyO	II	CG3994 RNAi line (pWIZ) construct 3, w ⁺ .	
K22	UAS CG3994.c3.L4/TM3, Sb	III	CG3994 RNAi line (pWIZ) construct 3, w ⁺ .	
K23	UAS CG15406.c1.L1/TM3, Sb	III	CG15406 RNAi line (pWIZ) construct 1, w ⁺ .	
K24	UAS CG15406.c1.L4/TM3, Sb	III	CG15406 RNAi line (pWIZ) construct 1, w ⁺ .	
K25	UAS CG15406.c1.L9/CyO	II	CG15406 RNAi line (pWIZ) construct 1, w ⁺ .	
K26	UAS CG15406.c2.L4/TM3, Sb	III	CG15406 RNAi line (pWIZ) construct 2, w ⁺ .	
K27	UAS CG15406.c2.L7/CyO	II	CG15406 RNAi line (pWIZ) construct 2, w ⁺ .	
K28	UAS CG15406.c2.L8/CyO	II	CG15406 RNAi line (pWIZ) construct 2, w ⁺ .	
K29	UAS CG15406.c3.L3		CG15406 RNAi line (pWIZ) construct 3, homozygous, w ⁺ .	
K30	UAS CG15406.c3.L4/TM3, Sb	III	CG15406 RNAi line (pWIZ) construct 3, w ⁺ .	
K31	UAS CG15406.c3.L5/CyO	II	CG15406 RNAi line (pWIZ) construct 3, w ⁺ .	
K32	UAS CG8028.c1.L1/TM3, Sb	III	CG8028 RNAi line (pWIZ) construct 1, w ⁺ .	
K33	UAS CG8028.c1.L3/TM3, Sb	III	CG8028 RNAi line (pWIZ) construct 1, w ⁺ .	
K34	UAS CG8028.c1.L4/CyO	II	CG8028 RNAi line (pWIZ) construct 1, w ⁺ .	
K35	UAS CG8028.c2.L1/CyO	II	CG8028 RNAi line (pWIZ) construct 2, w ⁺ .	
K36	UAS CG8028.c2.L2		CG8028 RNAi line (pWIZ) construct 2, homozygous, w ⁺ .	
K37	UAS CG8028.c2.L4/TM3, Sb	III	CG8028 RNAi line (pWIZ) construct 2, w ⁺ .	
K38	UAS CG8028.c3.L1		CG8028 RNAi line (pWIZ) construct 3, homozygous, w ⁺ .	
K39	UAS CG8028.c3.L4/CyO	II	CG8028 RNAi line (pWIZ) construct 3, w ⁺ .	
K40	UAS CG8028.c3.L6/CyO	II	CG8028 RNAi line (pWIZ) construct 3, w ⁺ .	

(Tray LA*) [Lorraine Aitchison's Stocks]

D/D Ref. No.	Genotype	Chr.	Genotypic/Phenotypic markers	Source/Comments
LA 1	w; UAS-Imd; TM3 Sb	II;III	UAS-Imd Overexpressor Imd (CG5576 , BG5, imd, Imd, IMD, immune deficiency, Immunodeficiency, shadok) is part of the Imd immune pathway Homozygous. Some TM3 Sb e still present?	Prof S Kurata, Sendei, Japan
LA 2	w; UAS-Imd/CyO; GAL4 ^{c42} /TM3 Sb	II;III	UAS-Imd driven by c42 GAL4.	
LA 3	w; imd ¹ /CyO; GAL4 ^{c42} /GFP TM3 Ser		c42 GAL4 (3 rd Ch) in an imd (CG5576 , BG5, imd, Imd, IMD, immune deficiency, Immunodeficiency, shadok) mutant background. imd¹ aa replacement; A31V; hypomorphic allele.	Lemaitre et al 1996. Cell 86(6) . D/D- Jon Day?
LA 4	w; cn bw, key¹ /CyO; TM2/TM6	II;III	Kenny (CG16910 , Key, IKKy, DmIKKy, Kenny, IKK-y) mutation. key¹ is a 5bp deletion causing a frame-shift introducing a stop codon. hypomorph? Kenny is part of the Imd immune pathway. White eyes, curly wings, tubby, ebony	
LA 6	w ¹¹¹⁸ ; {UAS-Rel.His6} ² ; ?TM2, <i>Ubx, e?</i> / Tm3, <i>Sb</i> ¹	II;III	Expresses a 6xHis-tagged wild type Relish protein under UAS control. Relish (Rel, CG11992 ,) is part of the Imd immune pathway. Note:- Tm3, <i>Sb</i> ¹ does not carry ebony but appears to be balanced with TM2, <i>Ubx, e</i>	Prof Dan Hultmark, Umea, Sweden BDSC 9459
LA 7	w*; {UAS-Rel.His6} ² /CyO; GAL4 ^{c42} /TM3 Sb	II;III	Expresses a 6xHis-tagged wild type Relish protein under UAS control driven by c42 GAL4.	
LA 8	w ¹¹¹⁸ ; Rel^{E20} es	I;III	Homozygous imprecise excision of a P{lacW} insert, loss of function allele, Relish (CG11992 , immune response deficient 4, ird, ird4, I(3)neo36, rel, Rel, REL) null mutant. White eyes, ebony	BDSC 9457
LA 10	w; imd ¹ /CyO; TM3 Sb/GFP TM3 Ser		imd (CG5576 , BG5, imd, Imd, IMD, immune deficiency, Immunodeficiency, shadok) mutant. imd¹ aa replacement; A31V; hypomorphic allele.	Lemaitre et al 1996. Cell 86(6) . Prof S Kurata, Sendei, Japan
LA 12	w; imd ¹ /GFPCyO; P{GawB} ^{c729}	I;II;III	c729 GAL4 (fat body driver) in a Imd (CG5576 , BG5, imd, Imd, IMD, immune deficiency, Immunodeficiency, shadok) mutant bkgd. imd¹ aa replacement; A31V; hypomorphic allele.	Lemaitre et al 1996. Cell 86(6) . Prof S Kurata, Sendei, Japan
LA 13	w; P{GawB} ^{c564} ; spz/GFP TM3 Ser	I;II;III	c564 GAL4 (fat body driver) in a Spaetzle mutant bkgd.	Prof S Kurata, Sendei, Japan

			spaetzle is part of the Toll immune pathway.	
LA 14	yw, dpt-lacZ, dros-GFP	I	dipterin promoter driving lacZ, drosomycin promoter driving GFP. yellow body, white eyes	Prof S Kurata, Sendei, Japan *Rpt of ??*
LA 15	P{EP}Dredd^{EP1412} w ¹¹¹⁸	I	P-element insertion Dredd mutant. Dredd (CG7486 , Death related ced-3/Nedd2-like protein) is part of the Imd immune pathway. Peach/orange eyes	BDSC 10456
LA 16	w ¹¹¹⁸ , P{GawB}c564	II	GAL4 expressed in larval brain, leg disc, fat body, gut and salivary glands and adult male accessory gland, seminal vesicle, ejac. duct, testis sheath, cyst cells and sp'cytes. May be segregating CyO Strong fat body GAL4 expression Homozygosed.	Prof S Kurata, Sendei, Japan BDSC 6982 *Rpt of JD8*
LA 17	w ¹¹¹⁸ ; P{GawB}c729	III	GAL4 expressed in larval salivary gland, adult female columnar follicle cells, adult male accessory gland, testis sheath and cyst cells. May be segregating TM3, Sb ¹ C729 GAL4 fat body driver.?	Prof S Kurata, Sendei, Japan BDSC 6983
LA 19	w; imd ¹ /Bl; UAS-DG1/TM3-GFP Check if balanced on 2 nd properly	I;II;III	UAS-DG1 in an imd (CG5576 , BG5, imd, Imd, IMD, immune deficiency, Immunodeficiency, shadok) mutant background. imd¹ aa replacement; A31V; hypomorphic allele. Bl on 2 nd NOT a balancer but is TM3 carrying Sb or Ser???	Lemaitre et al 1996. Cell 86(6) . D/D- Jon Day?

(Tray LA*) [Laura Kean's Stocks]

D/D Ref. No.	Genotype	Chr.	Genotypic/Phenotypic markers	Source/Comments
LK1	w; Gal4 ^{UO} Check with Selim if there are other UoGAL that works on 3 rd etc.		Urate Oxidase Gal4 (line 1) UO_1. Orange eyes, straight wings.	
LK2	w; Gal4 ^{UO}		Urate Oxidase Gal4 (line 2) UO_1. Red eyes, straight wings.	
LK3	w; Gal4 ^{UO}		Urate Oxidase Gal4 (line 3) UO_1. Red eyes, straight wings.	
LK4	w; Gal4 ^{UO}		Urate Oxidase Gal4 (line 4) UO_1. Orange/red eyes, straight wings.	
LK5	w; Gal4 ^{UO}		Urate Oxidase Gal4 (line 5) UO_1. Orange/red eyes, straight wings.	
LK6	w; Gal4 ^{UO} /CyO	I;II	Urate Oxidase Gal4 (line 6) UO_1. Red eyes, straight wings (lost Cyo balancer).	
LK7	w; Gal4 ^{UO}	I;II	Urate Oxidase Gal4 (Homozygosed) UO_1. Red eyes, straight wings.	

(Tray M*) [Transcription Factor Stocks?]

D/D Ref. No.	Genotype	Chr.	Genotypic/Phenotypic markers	Source/Comments
M1	w ¹¹¹⁸ ; P{lacW}pnt¹²⁷⁷	I;III	Enhancer trap insert in CG17077 (pnt, pointed, PNTP2, D-ets-2, PNT-P1, PNTP1, DMPOINT1A).	BDSC 837
M4	w*; P{lacW}a^{k11011b}	I;II	Expresses lacZ in the hindgut and Malpighian tubules; hypomorphic arc allele Homozygotes develop broad and downwardly bent wings. The also have slightly smaller, but otherwise normal looking eyes.	BDSC 7075
M6	P{PZ}bun⁰⁰²⁵⁵ cn ¹ /CyO; ry ⁵⁰⁶	II;III	Enhancer trap insertion in CG5461 (bun, bunched). bunched reporter. Homozygotes die during the first and second larval instar stages.	BDSC 10936
M7	P{PZ}Ras85D⁰⁶⁶⁷⁷ ry ⁵⁰⁶ /TM3, ry ^{RK} Sb ¹ Ser ¹	III	Enhancer trap in CG9375 (Ras oncogene at 85D, Ras85D, Ras1, ras, dRas1, dRas, D-Ras, D-Ras1, RTK, l(3)06677, Ras-1, Dras85D). Semilethal? Etched tergites, BDGP,	BDSC 11694
M8	P{PZ}emc⁰⁴³²² ry ⁵⁰⁶ /TM3, ry ^{RK} Sb ¹ Ser ¹	III	Enhancer trap insert into CG1007 (emc, extra macrochaetae). Semilethal? BDGP.	BDSC 11629
M9	P{PZ}hth⁰⁵⁷⁴⁵ ry ⁵⁰⁶ /TM3, ry ^{RK} Sb ¹ Ser ¹	III	Enhancer trap insertion in CG17117 (hth, homothorax, dorsotonsals, dtl).	BDSC 11670 *Rpt in JAT20*
M10	ry ⁵⁰⁶ P{PZ}Stat92E⁰⁶³⁴⁶ /TM3, ry ^{RK} Sb ¹ Ser ¹	III	Enhancer trap insertion in CG4257 (Stat92E, Signal-transducer and activator of transcription protein at 92E).	BDSC 11681
M11	P{PZ}CG10496^{07128a} ; P{PZ}corto^{07128b} ry ⁵⁰⁶ /TM3, ry ^{RK} Sb ¹ Ser ¹	III	Enhancer trap insertion into CG2530 (corto, Ccf, l(3)neo31) Presence of 2nd Ch insertion assumed from flanking sequences -may not be homozygous or balanced, could be lost from stock.	BDSC 11716
M12	ry ⁵⁰⁶ P{PZ}pnt⁰⁷⁸²⁵ /TM3, ry ^{RK} Sb ¹ Ser ¹	III	Enhancer trap insert in CG17077 (pnt, pointed, PNTP2, D-ets-2, PNT-P1, PNTP1, DMPOINT1A).	BDSC 11724
M13	P{PZ}emc⁰³⁹⁷⁰ ry ⁵⁰⁶ /TM3, ry ^{RK} Sb ¹ Ser ¹	III	Enhancer trap insert into CG1007 (emc, extra macrochaetae).	BDSC 11786
M15	beat-la³ Fas3^{E25} /CyO, P{act-lacZ.B}CB1	II	beaten path Ia (CG4846 , beat1a) loss of function	BDSC 4748

			allele. Fasciclin 3(CG5803, FasIII, Fas3) amorphic or loss of function allele. 2 nd Ch balancer carries LacZ element driven by Act5c promoter. Neither gene is enriched in tubules.	
M17	P{PZ}Ab1⁰⁴⁶⁷⁴ ry ⁵⁰⁶ /TM3, ry ^{RK} Sb ¹ Ser ¹	III	Enhancer trap insertion in Abl (CG4032, Abl tyrosine kinase) Not significantly enriched, fairly low abundance. Probably chosen because associated with adherens junction.	BDSC 10184
(Tray MC*) [Maria Cundall's Stocks]				
D/D Ref. No.	Genotype	Chr.	Genotypic/Phenotypic markers	Source/Comments
MC1	UAS-kune-Myc	III	CG1298	From Bestgene, injection of pMC027 construct
MC2	UAS-kune-Myc	II	CG1298	From Bestgene, injection of pMC027 construct
MC3	Neuroglian-GFP		CG1634 http://flybase.org/reports/FBgn0002968.html	(T1310 Nrg-GFP) protein trap line, GFP fusion, from Klämbt lab, Munster
MC4	(w;125 Lac-GFP) lachesin		CG12369 http://flybase.org/reports/FBgn0010238.html	(w;125 Lac-GFP) protein trap line, GFP fusion, from Klämbt lab, Munster
MC5	UAS-sinuuous-Myc	III	CG10624	From Bestgene, injection of pMC034 construct
MC6	UAS:-inuuous-Myc	III	CG10624	From Bestgene, injection of pMC034 construct
MC7	UAS-sinuuous-Myc	II	CG10624	From Bestgene, injection of pMC034 construct
MC8	Dlg1		CG1725 http://flybase.net/reports/FBti0099888.html	(CC01936) Carnegie protein trap library, GFP inserted in frame in protein
MC9	Dlg1-YFP		CG1725 http://www.jcb.org/cgi/reprint/179/6/1289 UAS promoter, needs to be driven for GFP expression	(Dlg YFP) Dlg-YFP used by ?Kohsaka et al
MC10	Dlg1		CG1725 http://flybase.org/reports/FBgn0001624.html	(Dlg YC5) GFP enhancer trap line
MC11	UAS-sinuuous-Myc	II	CG10624	From Bestgene, injection of pMC034 construct
MC12	Nrx-IV		CG6827 http://flybase.org/reports/FBti0099828.html	(CA06597) P element insertion in Nrx-IV gene (3)
MC13	UAS-kune-kune-GFP		CG1298 previously 6609-1-1M GFP in stellate cells and tubule junctions, particularly bright in bar cells. Bright in trachea and clear junctions in hindgut	From Bestgene, injection of pMC049 construct
MC14	UAS-kune-kune-GFP		CG1298 previously 6609-1-3M In tubule junctions and throughout stellate and bar cells, brighter in bar. Also bright junctions in hindgut, hind/midgut junction and some midgut cells	From Bestgene, injection of pMC049 construct
MC15	Innexin 7		CG2977 http://flytrap.med.yale.edu/details.php?trap_id=1958&where=%20WHERE%201%20AND%20(flytrap_nm%20LIKE%20'inx7%'%20OR%20www_browse_list_line_gene_V.fbn%20%20LIKE%20'inx7%'%20OR%20cgname%20LIKE%20'inx7%'%20OR%20fbname%20LIKE%20'inx7%')&from=%20FROM%20www_browse_list_line_gene_V&order_by=flytrap_nm&start_rec=0&row_nbr=3	(YB207D) Yale Flytrap line, GFP inserted into protein (X)
MC16	Innexin 7		CG2977 http://flytrap.med.yale.edu/details.php?trap_id=2396&where=%20WHERE%201%20AND%20(flytrap_nm%20LIKE%20'yb0164%'%20OR%20www_browse_list_line_gene_V.fbn%20%20LIKE%20'yb0164%'%20OR%20cgname%20LIKE%20'yb0164%'%20OR%20fbname%20LIKE%20'yb0164%')&from=%20FROM%20www_browse_list_line_gene_V&order_by=flytrap_nm&start_rec=0&row_nbr=1	(YB164) Yale Flytrap line, GFP inserted into protein (X)
MC17	UAS-kune-kune-GFP/CyO	II	CG1298 previously 6609-1-7M Balanced over CyO, but not lethal GFP in tubule and hindgut junctions and throughout stellates, around occasional cells	From Bestgene, injection of pMC049 construct

MC18	G305 (G305X?) neuroglial		CG1634 http://flybase.org/reports/FBal0194841.html	P element insertion in Nrg gene intron (X)
MC20	UAS-sinuuous-GFP construct/CyO	II	CG10624 previously 6609-2-4M Apical GFP in stellates and bar cells. Bright in hindgut but mostly apical, some junctions. Bright in trachea	From Bestgene, injection of pMC063 construct
MC21	UAS-sinuuous-GFP/TM3, Sb, e	III	CG10624 previously 6609-2-5M Junctional in hindgut, some parts of tubules greener but not specifically localised. Bar cells green in one tubule	From Bestgene, injection of pMC063 construct
MC22	UAS-sinuuous-GFP construct		CG10624 previously 6609-2-6M Apical bright GFP in stellates and bar cells. Bright apical GFP at mid/hindgut transition, junctional in hindgut, apical in some midgut cells, bright in trachea	From Bestgene, injection of pMC063 construct
MC23	Polo		CG12306 http://flybase.org/reports/FBal0211802.html	(CC01326) Carnegie protein trap library, GFP inserted in frame in protein
MC24	v¹ w[*]; P{Ubi-p63E-p120ctn.<i>l</i>^{UAS}.GFP}M3/TM3, Sb¹	III	Ubiquitously-expressed, GFP-labeled p120ctn	BDSC No. 7190 from Myster et al, 2003
MC25	v¹ w[*]; P{UAS-p120ctn.<i>ΔC</i>.GFP}S2	II	GFP-labeled p120ctn under UAS control. May be segregating CyO.	BDSC No. 7192 from Myster et al, 2003
MC26	UAS-mega-GFP/TM3, Sb, e	III	CG14779 previously 6609-3-1M bright in hindgut junctions. Tubules fairly green, but no specific looking localisation	From Bestgene, injection of pMC064 construct
MC27	UAS-mega-GFP		CG14779 previously 6609-3-2M GFP in hindgut, sometimes junctional, nothing in tubules, some green but not junctional cells in foregut	From Bestgene, injection of pMC064 construct
MC28	w[*]; P{UAS-alpha-Cat.T:GFP}8 / CyO	II	Cell-cell adherens junctions are visualized by α -Catenin-GFP (Da-catenin-GFP).	DGRC & BDSC No. 109002 from Myster et al, 2003
MC29	v¹ w¹¹¹⁸; PBac{3HPy⁺}kune^{CG309}/CyO	II	CG1298 White eyes, curly wings	BDSC No. 16333 From Bloomington, balanced null allele
MC30	UAS-mega-GFP		CG14779 previously 6609-3-7M Junctional in hindgut, tubules a bit green but non specific	From Bestgene, injection of pMC064 construct
MC31	UAS-mega-GFP/CyO	II	CG14779 previously 6609-3-8M Good junctions in hindgut, some green in tubules especially stellates and possibly tiny cells or nuclear membrane	From Bestgene, injection of pMC064 construct
MC34	UAS-Venus-Coracle pMC090 isoform		CG11949 previously 6955-5-3M	From Bestgene, injection of pMC092 construct
MC35	UAS-Venus-Coracle pMC090 isoform		CG11949 previously 6955-5-6M	From Bestgene, injection of pMC092 construct
MC36	UAS-Venus-Coracle pMC090 isoform		CG11949 previously 6955-5-10F	From Bestgene, injection of pMC092 construct
MC37	UAS-Myc-Coracle pMC090 isoform		CG11949 previously 6955-6-1F	From Bestgene, injection of pMC093 construct
MC38	UAS-Myc-Coracle pMC090 isoform		CG11949 previously 6955-6-2M	From Bestgene, injection of pMC093 construct
MC39	UAS-Myc-Coracle pMC090 isoform		CG11949 previously 6955-6-10M	From Bestgene, injection of pMC093 construct
MC40	UAS-Venus-Coracle A isoform/CyO		CG11949 previously 6955-7-2M	From Bestgene, injection of pMC094 construct
MC41	UAS-Venus-Coracle A isoform		CG11949 previously 6955-7-5M	From Bestgene, injection of pMC094 construct
MC42	UAS-Myc-Coracle A isoform		CG11949 previously 6955-8-1F	From Bestgene, injection of pMC095 construct
MC43	UAS-Myc-Coracle A isoform		CG11949 previously 6955-8-3M	From Bestgene, injection of pMC095 construct
MC44	UAS-Myc-Coracle A isoform/TM3, Sb, e		CG11949 previously 6955-8-5M	From Bestgene, injection of pMC095 construct
MC45	UAS-Venus-Coracle short isoform		CG11949 previously 6955-9-2M	From Bestgene, injection of pMC096 construct
MC46	UAS-Venus-Coracle short isoform		CG11949 previously 6955-9-4M	From Bestgene, injection of pMC096 construct
MC47	UAS-Venus-Coracle short isoform		CG11949 previously 6955-9-5M	From Bestgene, injection of pMC096 construct
MC48	UAS-myc-Coracle short isoform		CG11949 previously 6955-10-1M	From Bestgene, injection of pMC097 construct
MC49	w; UAS-Innexin 7 RNAi ^(V22949) ; C42			

MC50	w; UAS-Innexin 2 RNAi ^(V102194) ; C42			
MC51	w; UAS-Innexin 7 RNAi ^(V22948) ; C42			
MC52	w; UAS-Innexin 2 RNAi ^(V102194) ; C710			
(Tray N*)				
D/D Ref. No.	Genotype	Chr.	Genotypic/Phenotypic markers	Source/Comments
N3	P{EP}Atx2^{EP3022}	III	P-EP insertion near CG6125 ??? Actual EP insertion in CG5166 (Atx2 , ataxin-2, Ataxin-2, atx2, Atx2). CG6125 Sugar transporter , 21x enriched in tubule. Peach eyes, straight wings	
N4	P{EP}Atx2^{EP3145}	III	P-EP insertion affecting both CG6125 and CG5166 (Atx2 , ataxin-2, Ataxin-2, atx2, Atx2). CG6125 Sugar transporter , 21x enriched in tubule. Peach eyes, straight wings	
N5	w ¹¹¹⁸ ; M8 / CyO M=Manduca	I;II	V-ATPase - UAS:Manduca vha 16. Peach eyes, curly wings	Mark Finbow
N6	w ¹¹¹⁸ ; M3 / TM3Sb	I;III	V-ATPase - UAS:Manduca vha 16. Peach eyes, straight wings	Mark Finbow
N10	w ¹¹¹⁸ ; N2 / CyO N=Nephrops	I;II	V-ATPase - UAS:Nephrops vha 16. Peach eyes, curly wings	
N11	w ¹¹¹⁸ ; N7 / TM3Sb N=Nephrops	I;III	V-ATPase - UAS:Nephrops vha 16. Peach eyes, straight wings	
N15	w ¹¹¹⁸ ; UAS- Vha 16-3-1 / CyO	I;II	V-ATPase - UAS: Vha 16-3. Peach eyes, curly wings	Amalgamate Vha's to one tray.
N16	w ¹¹¹⁸ ; UAS- Vha 16-3-2 / CyO	I;II	V-ATPase - UAS: Vha 16-3. Peach eyes, curly wings	Amalgamate Vha's to one tray.
(Trays Q*) [Jon Radford's Stocks]				
D/D Ref. No.	Genotype	Chr.	Genotypic/Phenotypic markers	Source/Comments
Q6	Dros::GFP		Drosomycin-GFP tagged to promoter sequences of antimicrobial peptides White eyes, straight wings	J.L Imler (Strasbourg)
Q7	Dipt::GFP		Diptericin-GFP tagged to promoter Orange eyes, straight wings	J.L Imler (Strasbourg)
Q8	Cec::GFP		cec-GFP tagged promoter	J.L Imler (Strasbourg)
Q9	Cec-A1::GFP		cec-A1-GFP tagged promoter Peach eyes, straight wings,	J.L Imler (Strasbourg)
Q10	Mtk::GFP		Metchnikowin -GFP tagged promoter Peach eyes, straight wings,	J.L Imler (Strasbourg)
Q30	LRK line 1 refer to Selim & if says dump	I;III	w ¹¹¹⁸ P{UAS} ORF of DLKR	
Q32	LRK 3	I;III	w ¹¹¹⁸ P{UAS} ORF of DLKR under UAS	
Q34	Capa R line 2 All Capa lines refer to Selim & if says dump	I;III	w ¹¹¹⁸ P{UAS} ORF of Drosophila capa R	Jon Radford
Q38	LKRi line 3	I;III	w ¹¹¹⁸ P{UAS} RNAi construct against DLKR	
Q39	CapaRi line 1	I;III	w ¹¹¹⁸ P{UAS} RNAi construct against capaR	
Q42	LKRiC line 1	I;III	w ¹¹¹⁸ P{UAS} RNAi containing intron spacer against	
Q44	LKRiC line 3	I;III	w ¹¹¹⁸ P{UAS} RNAi containing intron spacer against DLKR	
(Trays R*)				
D/D Ref. No.	Genotype	Chr.	Genotypic/Phenotypic markers	Source/Comments
R1	y¹ w⁺ P{GAL4-Act5C(FRT.CD2).P}D		Ubiquitous expression of GAL4 in FLP-generated clones (used for mosaic analysis).	BDSC 4779
R2	hsFLP; UAS GFP/CyO			
R3	hsFLP; Adr ¹ /CyO			
R4	hsFLP; +/-; cecGFP/cecGFP			
R5	hsFLP; +/-; DiptGFP/DiptGFP			
R6	hsFLP; +/-; tGPH/tGPH			
R7	12 w-; DE5/CyO; TM2/TM6			
R9	hsFLP; dpp lacZ Act GAL4 UAS GFP/ CyO			
R10	P{EPgy2}Rack1^{EY00128}/CyO; TM2/TM6			
R11	w-; B1/CyO; UAS V5 RACK1 9/TM6,tb,Hu			
R12	UAS V5 Rack1 6/CyO; TM2/TM6			
R13	P{EPgy2}Rack1^{EY00128}; ActGAL4/TM6			
R14	P{EPgy2}Rack1^{EY00128}/CyO; UAS Rack1/TM6			
R16	UAS DES (2)			
R17	c374/CyO; DiptGFP/TM6			
R18	Fox 140/CyO			
R19	co 1567/CyO GFP			
R20	CG10806 pwiz (2)			
R21	CG31052 pwiz (2)			
R22	CG31052 YFP (4)			
R23	CG31052 YFP (3)			
R24	CG10806 Transcript-B YFP (2)			

R25	CG10806 Transcript-B cMyc (2)			
(Trays S*)				
D/D Ref. No.	Genotype	Chr.	Genotypic/Phenotypic markers	Source/Comments
S1	UAS dg2 P2A	II	UAS dg2 (CG10033, dg2, FOR/PKG) P2A	
S2	UAS dg2 P2B		UAS dg2 (CG10033, dg2, FOR/PKG) P2B	
S3	w-; UAS dg2 P2A/CyO; 8G1/TM6	II;III	UAS dg2 (CG10033, dg2, FOR/PKG) P2A balanced on CyO with 8G1 balanced on 3 rd (Tb marker)	Rpt S4?
S4	w-; UAS dg2 P2A/CyO; 8G1/TM6	II;III	UAS dg2 (CG10033, dg2, FOR/PKG) P2A balanced on CyO with 8G1 balanced on 3 rd (Tb marker)	Rpt S3?
S5	w UAS dg2 P2A /CyO; 7-Rack1i/TM6	II;III	UAS dg2 (CG10033, dg2, FOR/PKG) P2A balanced on CyO with Rack1 (?7-Racki? RNAi?) balanced on 3 rd (Tb marker)	D/D -J.Day
S10	w-; UAS V5 6-RACK1/CYO; TM2/TM6	I;II;III	UAS V5-tagged Rack1 (CG7111, Receptor of activated protein kinase C 1) construct balanced on 2 nd with 3 rd Ch balancers.	D/D -J.Day Move to JD Tray
S12	UAS PDE5		UAS-Bovine Type 5 Phosphodiesterase. (Line 10)	Rpt of Line K4 D/D- Broderick et al. 2004 J. Biol Chem, 279.
S13	w-; UAS V 3-PDE6; TM2/TM6	I;II;III	No longer balanced over CyO (Homozygosed)?	
S14	w-, P1B; B1/CyO; 9-UAS V5 Rack1/TM6	I;II;III	UAS dg2 (CG10033, dg2, FOR/PKG) PIB? With 2 nd Ch balancer and with UAS V5-tagged Rack1 (CG7111, Receptor of activated protein kinase C 1) construct balanced on 3 rd Ch (Tb).	D/D -J.Day
S15	UAS dg2 P2A/CyO; 9-UAS Rack1/TM6	II;III	UAS dg2 (CG10033, dg2, FOR/PKG) P2A balnced on 2 nd Ch (CyO) with UAS V5-tagged Rack1 (CG7111, Receptor of activated protein kinase C 1) construct balanced on 3 rd Ch (Tb).	D/D -J.Day
S16	PDE8 NULL		(line 19)	David Morton
S17	PDE8 NULL		(line 79)	David Morton
S18	PDE8 NULL		(line 71)	David Morton
S19	PDE8 NULL		(line 40)	David Morton
S20	YFP 10806 Transcript A		(line 1) CG 10806 DmNHA1 Na ⁺ /H ⁺ hydrogen antiporter 1???	D/D -J.Day
S21	YFP 10806Transcript A		(line 5)	D/D -J.Day
S22	YFP 10806 Transcript A		(line 9)	D/D -J.Day
S23	Cmyc 31052		NHA2 (line 1)	D/D -J.Day
S24	cMyc 31052		NHA2 (line 3)	D/D -J.Day
S25	cMyc 31052		NHA2 (line 7)	D/D -J.Day
S26	cMyc 10806 Transcript A	I	(line 1)	
S27	cMyc 10806 Transcript A		(line 2)	
S28	cMyc 10806 Transcript A		(line 5)	
S29	cMyc 10806 Transcript B		(line 1)	
S30	cMyc 10806 Transcript B		(line 3)	
S31	cMyc 10806 Transcript B		(line 4)	
S40	cGES For 6000/Tm3, Sb	III	Forager 6000 (line 1) cGMP FRET reporter	
S43	cGES For 6000/CyO	II	Forager 6000 (line 4) cGMP FRET reporter	
S44	cGES For 6000/CyO	II	Forager 6000 (line 5) cGMP FRET reporter	
S46	For 500		Forager 500(line 2)	Does not express well.
S47	For 500		Forager 500(line 3)	Does not express well.
S48	For 500		Forager 500(line 4)	Does not express well.
S50	y w-; foxo ²¹ /TM3		Point mutation in Dfoxo (CG3143; forkhead box, sub-group O). Loss of function allele, Null.	See S148
S51	w ^{Dah} ; foxo-GFP		w ^{Dah} is w ^{Dahomey} allelic bkgd. foxo-GFP fusion reporter	Teleman et al. (2005). Dev. Cell 9(2) Linda Partridge See S147 Used in longevity and E.Coli stabbing assays (live longer).
S52	w ¹¹¹⁸ ; PBac{PB}Pde1c ⁰⁴⁴⁸⁷	I;II	Exelexis insertion in CG14940 (PDE1c). May be segregating CyO.	BDSC 11440 David Morton
S53	w ¹¹¹⁸ ; PBac{PB}Pde1c ⁰⁴⁴⁸⁷ Hopped	I;II	Exelexis insertion in CG14940 (PDE1c) 'Hopped' signifines jumped out P element rescuing insertional phenotype.	BDSC 11440 (progenitor stock)
S54	PDE8 NULL		(Line 9) Used in PDE assay.	
S55	PDE8 NULL		(Line 180)	David Morton
S56	PDE11 NULL		(Line 67)	David Morton
S57	PDE11 NULL		(Line 100)	David Morton
S59	PDE11 NULL		(Line 121)	David Morton

				Used in assays (shown to be E.Coli susceptible).
S60	6PDE11 NULL		(Line 63)	David Morton
S61	UAS GAL4; hs-GAL4		(Line 1)	Kurata
S62	UAS FLAG CG3216 ΔICD/GFP CyO; UAS GAL4 8a/GFP SER		(Line 2)	Kurata
S63	Sco/GFP CyO-D945A; UAS MYC GYC76C/GFP SER		(Line 4) What is this number referring to?	Kurata What is the D945A number referring to?
S64	UAS CG3216	II	CG3216 (GYC) CG3216^{HM05270}??? (Line 3)	Kurata
S65	UAS CG3216 4-7	III	CG3216 (GYC) CG3216^{HM05270}??? (Line 6)	Kurata
S66	w-; UAS MYC-GYC76CD945A	II	(Line 5)	Kurata
S67	DIP LacZ, P{Drs-GFP,IM612}	I	Drs GFP	
S68	NPLP EP LINE			
S70	w-; P{UAS-InR.K1409A}2 /CyO; TM2/TM6	I;II;III	Expresses a dominant negative InR (Insulin Rcptr) under the control of UAS.	BDSC 8252 rebalanced on II (CyO) with III Ch balancers.
S71	w-; P{UAS-InR.K1409A}2 /CyO; TM2/TM6	I;II;III	Expresses a dominant negative InR under the control of UAS.	BDSC 8252 rebalanced on II (CyO) with III Ch balancers. *Rpt S70?*
S72	v1 w* P{GAL4-Act5C(FRT.CD2).P}D ; Bl/CyO; TM2 TM6	I;II;III	Ubiquitous expression of GAL4 in FLP-generated clones (used for mosaic analysis).	BDSC 4779 rebalanced with II and III Ch balancers.
S73	w-; P{UAS-InR.A1325D}2 /CyO; TM2/TM6	I;II;III		BDSC 8263 rebalanced with II and III Ch balancers. See JD20 *Rpt JD21?* !SICK Line!
S75	w-, DE2; Bl/CyO; TM2/TM7	II;III	(Line 9) cGMP reporter DE2 cGMP binding domain PDE2.	Lohse et al. Nature Methods
S76	w-; Bl/CyO; DE2/TM6	II;III	(Line 19) cGMP reporter DE2 cGMP binding domain PDE2.	Lohse et al. Nature Methods Used in assays (though note maybe vesicular expression).
S77	DE2		(Line 5) DE2 cGMP binding domain PDE2.	Martin Lohse
S78	DE2		(Line 9) DE2 cGMP binding domain PDE2.	Martin Lohse
S79	DE2/Cyo	II	(Line 19) DE2 cGMP binding domain PDE2.	Martin Lohse Used in assays. Expresses in vesicles, may be non-functional.
S81	w-; DE5/CyO; TM2 TM6		(Line 12) DE5 cGMP binding domain PDE5.	Martin Lohse Do not appear to express.
S82	w-; Bl/CyO; DE5/TM6		(Line 17) DE5 cGMP binding domain PDE5.	Martin Lohse Do not appear to express.
S83	w-; DE5/CyO; TM2/TM6		(Line 18) DE5 cGMP binding domain PDE5.	Martin Lohse Do not appear to express.
S84	w-; DE5/CyO; TM2/TM7		(Line 21) DE5 cGMP binding domain PDE5.	Martin Lohse Do not appear to express.
S85	FREAC	II	(Line 1)	
S86	FREAC		(Line 3)	
S87	FREAC	III	(Line 10)	
S88	w-; FREAC/CyO; TM2/TM6	II	(Line 1)	Do not appear to express in tubules using c42 ^{GAL4} driver.
S89	w-, FREAC-; Bl/CyO; TM2/TM6	I	(Line 3)	Do not appear to express in tubules using c42 ^{GAL4} driver.
S90	w-; Bl/CyO; FREAC/TM6	III	(Line 10)	Do not appear to express in tubules using c42 ^{GAL4} driver.
S91	w-; FREAC/CyO; TM2/TM6	II	(Line 9)	Do not appear to express in tubules using c42 ^{GAL4} driver.
S92	YFP 31052		(Line 1)	
S93	YFP 31052		(Line 3)	
S94	YFP 31052		(Line 9)	
S95	YFP 10806 Transcript B		(Line 8)	
S96	YFP 10806 Transcript B		(Line 2)	
S97	YFP 10806 Transcript B		(Line 9)	
S98	w-; BL/CYO; WIZ dg1/TM6	II;III	(Line 2)	Homozygous lethal.
S99	Pwiz PDE 9		(Line 1)	Good knock-down using <i>elav^{GAL4}</i> .
S100	Pwiz PDE 9		(Line 8)	
S101	Pwiz PDE 9		(Line 9)	
S102	w-; Bl/CyO; WIZ PDE 1/TM6		(Line 7)	
S103	w-, WIZ PDE 1; Bl/CyO; TM2/TM6		(Line 1)	
S105	w-; WIZ PDE 1/CyO; TM2/TM6		(Line 5)	
S106	WIZ DNC		(Line 1)	
S107	WIZ DNC		(Line 7)	Very poor knock-down

				using <i>elav</i> ^{GAL4} .
S108	WIZ DNC		(Line 3)	
S109	w-; WIZ DNC; Bl/CyO; TM2/TM7		(Line 1)	
S110	w-; WIZ PDE 9/CyO; TM2/TM6		(Line 5)	
S111	w-; Bl/CyO; WIZ PDE9/TM6		(Line 3)	
S112	WIZ DNC; Bl/CyO; TM2/TM6		(Line 14)	
S113	WIZ PDE9		(Line 1)	
S115	WIZ PDE9		(Line 7)	
S116	WIZ PDE9		(Line 5)	
S117	WIZ PDE9		(Line 9)	
S118	w-; WIZ PDE9/CyO; TM2/TM6		(Line 1)	
S119	w-; WIZ PDE 9/CyO; TM2/TM6		(Line 4)	
S120	w-; WIZ DNC/CyO; TM2/TM6		(Line 1)	
S121	w-; WIZ PDE 11/CyO; TM2/TM6		(Line 1)	
S122	w-; WIZ PDE 11;Bl/CyO; TM2/TM6		(Line 1)	
S123	w-; Bl/CyO; WIZ PDE 11/TM6		(Line 9)	
S124	WIZ PDE11		(Line 1)	
S128	WIZ DG1		(Line 3)	
S129	WIZ DG1		(Line 4)	
S130	WIZ DG1		(Line 2)	
S131	w-; WIZ DG1/CyO; TM2/TM6		(Line 3)	
S132	w-; WIZ DG1/CyO; TM2/TM6		(Line 4)	
S133	WIZ RACK1	II	(Line 1)	
S134	WIZ RACK1	I	(Line 3)	
S135	WIZ RACK1		(Line 7)	
S136	WIZ RACK1		(Line 4)	Generally weak expression.
S137	w-; WIZ RACK1/CyO; TM2/TM6	II	(Line 1)	
S139	w-; WIZ RACK1; Bl/CyO; TM2/TM6	I	(Line 4)	Generally weak expression.
S141	w-, P1B; Bl/CyO; DG2i/DG2i			Generally weak expression.
S142	w-, P1B; Bl/CyO; TM2/TM6			Generally weak expression.
S143	UAS CG3216/GFP CyO; UAS GFP PDE5/GFP SER			Kurata
S144	UAS CG3216/GFP CyO; UAS GFP PDE6/GFP SER			Kurata
S145	UAS Cmyc Gyc76c#65/GFP CyO; UAS GFP PDE6/GFP SER			Kurata
S146	UAS Cmyc Gyc76c#65/GFP CyO; UAS GFP PDE5/GFP SER			Kurata
S147	^{w^{Dah}} ; UAS Dfoxo	I;III	^{w^{Dah}} is ^{w^{Dahomey}} allelic bkgd. P{UAS-foxo.GFP}???	See S51 Linda Partridge

(SG*-) Steph Graham's Stocks

D/D Ref. No.	Genotype	Chr.	Genotypic/Phenotypic markers	Source/Comments
SG1	w; +/+; <i>fas2</i> ::YFP / <i>fas2</i> ::YFP	III	UAS <i>fas2</i> -PB fused to YFP	Nose Lab (Kohsaka et al, 2007) BDSC No. 11231
SG2	^{w¹¹¹⁸} P{EP}Fas2 ^{EP1462}	X	Used in Assay UoGAL4 results in signt. increase in secretion in tubules	
SG3	P{PZ}Gem3 ^{L562} ry ⁵⁰⁶ /TM3, Sb ¹	III		BDSC 12079
SG4	UAS <i>fas2</i> RNAi ³⁶³⁵⁰	III	Viable 1 On Target/0 Off Target CG7450	VDRC RNAi GD Line 36350
SG5	UAS <i>fas2</i> RNAi ³⁶³⁵¹	II	Viable 1 On Target/0 Off Target CG7450	VDRC RNAi GD Line 36351
SG6	CC01936 <i>fas2</i> protein trap	X	No GFP visible in tubules OK GFP in CNS	
SG7	UAS <i>creb</i> RNAi		From Venkat	
SG8	397 <i>fas2</i> protein trap	X	Good visibility in of Fas2 in tubules	
SG9	<i>fas2</i> EB112/FM7, <i>twi</i> ::eGFP; <i>repo</i> >act::GFP / CyO, <i>twi</i> ::eGFP	I:II	Show reduced secretion response to cAMP	T ¹¹² Klämbt Lab????
SG10	UAS <i>creb</i> -A RNAi ¹¹⁰⁶⁵⁰	II	Viable 1 On Target/0 Off Target CG7450	VDRC RNAi KK Line 110650
SG11	<i>fas2</i> GFP CB03613	X	No GFP visible in tubules OK GFP in CNS	T ⁷⁰³
SG12	w; +/+; <i>fas2</i> ^{intra} / <i>fas2</i> ^{intra}	III	Uas <i>fas2</i> intra, contains intracellular domain of Fas2 fused to YFP.	Nose Lab (Kohsaka et al, 2007)
SG13	w; +/+; <i>fas2</i> ^{extra} / <i>fas2</i> ^{extra}	III	UAS <i>fas2</i> extra, contains extracellular domain of Fas2 fused to YFP. When driven with UO showed increased response to cAMP (secretion)	Nose Lab (Kohsaka et al, 2007)
SG14	<i>fas2</i> GAL4 MZ 507	X	Not tested	T ⁷³⁵
SG15	<i>fas2</i> -A V5 (1)	II	6955-2-1 (1)UAS <i>fas2</i> -PA tagged to V5	
SG16	<i>fas2</i> -A V5 (2)	III	6955-2-2 (2)	
SG17	<i>fas2</i> -A V5 (3)	II	6955-2-3 (3)	
SG18	<i>fas2</i> -B V5 (2)	II	6955-3-2 (2) UAS <i>fas2</i> -PB tagged to V5	
SG19	<i>fas2</i> -B V5 (3)	II	6955-3-3 (3)	
SG20	<i>fas2</i> -B V5 (4)	X	6955-3-4 (4)	
SG21	Fas2 RNAi 1	III	6955-4-1M (1) Non lethal when driven with ActinGAL4	
SG22	Fas2 RNAi 2	II	6955-4-2M (2) Non lethal when driven with	

			ActinGAL4	
SG23	Fas2 RNAi 3	III	6955-4-3M (3) Non lethal when driven with Actin GAL4	
SG24	Fas2 RNAi 7	III	6955-4-7M (7) Non lethal when driven with Actin GAL4	
SG25	Fas2 RNAi 8	III	6955-4-8M (8) Non lethal when driven with Actin GAL4	
SG26	fas2-B V5 (2)	II	UAS <i>fas2</i> -PB tagged to V5 same as SG18 please keep separate. Tested shows increase in secretion response to cAMP when driven with UO	
SG27	UAS <i>fas2</i> RNAi ¹⁰³⁸⁰⁷ KK	II	Viable 1 On Target/0 Off Target CG3665 ~40% reduction in expression when driven with UO. Shows decreased response to cAMP in secretion assay	VDRC RNAi KK Line 103807
SG28	P{EP}Rbcn-3B^{GS51} mip130^{GS51} w*	X		BDSC 33260
SG29	UAS CG6900 RNAi ¹⁰⁹¹⁶⁸	II	Viable 1 On Target/0 Off Target CG6900	VDRC RNAi KK Line 109168
SG30	UAS CG6891 RNAi ¹⁰⁹⁷³⁸	II	Viable 1 On Target/0 Off Target CG6891	VDRC RNAi KK Line 109738
SG31	B045-308 DG2 C4115 501			

(Tray TS*) [Tony Southall's Stocks]

D/D Ref. No.	Genotype	Chr.	Genotypic/Phenotypic markers	Source/Comments
TS10	w-; Bl/CyO; TM2/TM6	I;II;III	2 nd & 3 rd Chr. Balancer line	
TS14	w-; Bl/CyO; trp365/trp365	II;III	2 nd Chr. Balancer line with trp channel mutant	
TS15	UAS Golgi Aeq		Golgi Aequorin line	
TS18	y ¹ w ⁺ ; P{tubP-GAL4}LL7/TM3, Sb¹	I;III	tubulinP GAL4 driver (Ubiquitous GAL4 driver)	BDSC 5138
TS20	UAS-ERpicam Refer to Selim keep representative stocks		ERpicam (line 1)	
TS21	w;+; UAS-ERpicam	I;III	ERpicam line(2)	
TS22	w; Bl/CyO;UAS-ERpicam	I;II;III	2 nd Chr. Balancer line with ERpicam	
TS23	UAS-ERpicam		ERpicam (line 3)	
TS25	UAS-ERpicam		ERpicam (line 5)	
TS26	UAS-ERpicam		ERpicam (line 5)	
TS27	UAS-mitycam-1		mitycam-1 (Line1)	
TS28	w-; UAS-mitycam-2 (Line2); c42/c42	I;II;III	UAS-mitycam-2 (Line2) driven by c42 (Principal Cells) Gal4 Driver.	
TS29	UAS-mitycam-1		mitycam-1 (line 3)	
TS31	UAS-mitycam-2	II	mitycam-2 (line 2)	
TS32	UAS-in140		in140 fluorescent cytoplasmic reporter (line 1)	
TS34	UAS- CG32451		SMArT PLUG for CG32451 (SPoCK) Secretory Pathway Calcium atpase	
TS35	UAS-Golicam		Golicam line	
TS36	UAS-SPoCK B-GFP		CG32451 - Transcript B-GFP line	
TS39	w; UAS-SPoCK B-GFP;+	I;II	CG32451 - Transcript B -GFP (line 3)	
TS41	UAS-SPoCK C-HA transcript C of SpCK Haemagglutin?		CG32451 - Transcript C -HA	
TS43	w; UAS-SPoCK A-c-myc; TM2/TM6	I;II;III	3 rd Chr. Balancer line with CG32451 - Transcript A -cMyc line	
TS46	UAS-irk3SP		irk3 SMArT PLUG	
TS47	UAS-SPoCK C-YFP		CG32451 - Transcript C -YFP line(1)	
TS53	UAS-GolgiAeq; Bl/CyO; TM2/TM6	I;II;III	Golgi Aeq (line 3)	
TS54	UAS-GolgiAeq		Golgi Aeq (line 4)	
TS56	w;UAS-inverse pericam67;GAL4 ^{c42}	I;II;III	stable line expressing in67reporter in principal cells	
TS61	w; Bl/CyO; UAS-in67	I;II;III	marked in67 calcium reporter (line 2)	
TS62	UAS-in67;+;+	I	in67 calcium reporter (line 3)	
TS63	UAS-in67; Bl/CyO; TM2/TM6	I;II;III	marked in67 calcium reporter (line 3)	
TS64	UAS-inverse pericam		inverse pericam calcium reporter	
TS65	w; Bl/CyO; actin-GAL4/TM6	I;II;III	2 nd Chr. Balancer line with actin-GAL4 balanced on 3 rd Chr. actin-GAL4 homozygous lethal.	
TS66	w; actin-GAL4/CyO; TM2/TM6	I;II;III	3 rd Chr. Balancer line with actin-GAL4 balanced on 2 nd Chr. actin-GAL4 homozygous lethal.	
TS68	w;UAS- SPoCK B-GFP/CyO; GAL4 ^{c42} /TM6	I;II;III	balanced CG32451 -trB-GFP line driven by c42 GAL4 principal cells driver. Cyo floating	
TS72	w; UAS- SPoCK A-c-myc; GAL4 ^{c42}	I;II;III	stable line expressing CG32451 -trA-c-myc driven by c42 GAL4 principal cells driver.	
TS73	w; UAS- SPoCK A-c-myc; GAL4 ^{c710}	I;II;III	stable line expressing CG32451 -trA-c-myc driven by c710 GAL4 stellate cells driver.	
TS86	UAS-mtAEQ		mitochondrial aequorin (line 2)	

(Tray U*) [Leah Torrie's Stocks]

D/D Ref. No.	Genotype	Chr.	Genotypic/Phenotypic markers	Source/Comments
U2	UAS::58Dc		58Dc RNAi(A3)	
U3	UAS::58Dc		58Dc RNAi(C6)	Driving with C42 GAL4 westerns showed knockdown of OATP 58Db.

				3[h] ouabain transport assays showed reduced ouabain transport.
U4	UAS::58Dc		58Dc RNAi(B2)	
U5	UAS::58Dc		58Dc RNAi(B5)	
U9	UAS::58Dc		58Dc RNAi(E3)	
U10	UAS::33Eb		33Eb RNAi (A5)	
U12	UAS::33Eb		33Eb RNAi(D4)	
U15	UAS::33Eb		33Eb RNAi(G1)	
U16	UAS::33Eb		33Eb RNAi(G4)	
U17	w-P{EP}EP0890/CyO;+	I;II	EP890 EP element inserted in CG3811(oatp 30B)	
U20	G109		Na+/K+ - ATPase alpha subunit GFP gene trap line	
U21	MB6 088/CyO	II	CG6417 (oatp mutant)	

(Tray V*) [V-ATPases]

D/D Ref. No.	Genotype	Chr.	Genotypic/Phenotypic markers	Source/Comments
V1	w- ; P67 /CyO	I;II	V-ATPase - Original vha68-2 insertion. Peach eyes.	
V2	w- ; vha67(s6) /CyO	I;II	V-ATPase - White eyes, curly wings. Imprecise excision allele of vha67	
V3	w- ; vha67(s10) /CyO	I;II	V-ATPase - White eyes, curly wings. Imprecise excision allele of vha67	
V4	y*w* ; P{w+mC=lacW}Vha55j2E9 /TM3, Sb1	I;III	V-ATPase - original P insertion into vha55.	
V5	vha55(1208) /TM6, Tb	III	V-ATPase- P-element insertion at front of vha55 from.	Deak
V8	l(3)Sza12 /TM3	III	V-ATPase - EMS allele of vha55 .	Gausz (described in Gausz).
V9	Df(3R)kar3 /TM3	III	V-ATPase - Deficiency that spans 87C, taking out vha55.	Gausz.
V10	Vha55 ^{7e1} /TM3, y+ kniri-1 pp sep 1 Sb ¹ Ubxbx-34e es Ser ¹	III	V-ATPase - synonym l(3)Sza7 , l(3)87Ca7. Red eyes, straight wings, ebony body.	Umea Stock Centre 69500
V12	l(3)05113 /CxD	I	V-ATPase - P-element insertion in vha13 G subunit. Balanced by CxD (spread wings). Red eyes, straight wings.	
V13	Df(3R)kar-Sz29 /TM3, y+ kniri-1 pp sep 1 Sb ¹ Ubxbx-34e es Ser ¹	III	V-ATPase - Deficiency 87C3-4 ; 87C9-D1 Red eyes, straight wings.	Umea Stock Centre 57100
V16	P1878 /CyO	II	V-ATPase - P-element insertion in vha subunit. Red eyes, curly wings.	
V17	EP(3)3504 /TM6, Tb	III	V-ATPase - EP-element insertion in vhaPPA1. Shows ts- phenotype, with lethal phase in pupa. White eyes, straight wings.	BDGP
V18	EP(3)3577 /TM6, Tb	III	V-ATPase - EP-element insertion in vha13 subunit G. White eyes, curly wings.	
V19	vha26, l(?) /TM3	III	V-ATPase - Yiquan1s vha26 P-lethal, unfortunately probably with a second -site lethal. Peach eyes, straight wings.	
V20	EP(2)2302/CyO	II		
V21	EP(2)2372/CyO	II		

(Tray VC*) [Venkat Chintapalli's Stocks] Nb.- OC = Out Cross W-; Canton S

Best1-, Best2-RNAis, mutants and deletions

α1	w1118; UAS-Best1-RNAi/CyO;+/+	II	11mch2	
α2	w1118; +/+; UAS-Best1-RNAi/TM3	III	12mch3	
α6	UAS-Best1-RNAi/FM6; +/+; +/+	I	22mx	
α7	w1118; +/+; UAS-Best1-RNAi/TM3	III	23mch3	
α8	w1118; UAS-Best1-RNAi/CyO;+/+	II	24mch2	
α13	Dmel\P{EPgy2}Best1EY08208	III	16879 (b1)	BDSC 16879
α14	w1118; PBac{w[+mC]=WH}Best1[f07188]/TM6B, Tb[1]	III	19055 (b1)	BDSC 19055
α15	w1118; +/+; dbest1	III	dbest1 1-2 (Best1 deletion)	
α16	w1118λ5; +/+; dbest1 1-2	III	w118 λ5;dbest1 1-2 (Best1 deletion rescue)	
α17	w-; +/+; UAS-Best1-RNAi/TM3,Sb	III	5963/GD	
α18	w1118; +/+; UAS-Best2-RNAi/TM3	III	31mch3	
α27	w1118; UAS-Best2-RNAi/CyO;+/+	II	44mch2	
α30	w-; wizdg1; uas-best2rna1/tm3	II:III	wizdg1;31mch3	
α31	w-; bl/cy; 31mch3/tm6	II:III	bl/cy;31mch3/tm6	
α32	w1118; UAS-Best2-RNAi; UAS-Best1-RNAi	II:III	1. 32m(b2rna1);11m(b1rna1)	
α33	w1118; UAS-Best2-RNAi; UAS-Best1-RNAi	II:III	2. 32m(b2rna1);11m(b1rna1)	
α35	SpGFP;10173R-1/TM3, Sb	II:III	Sex Peptide::GFP;10173R-1/TM3, Sb	
α36	PBac{PB}Best2c00039		c00039	
α38	w1118-; +/+; uas-best2rna1	III	5059-III	
α39	w1118; +/+; UAS-Best2-RNAi	III	10173R-1 (III)	
			UAS-Best1::YFP	
α43	w1118; +/+; UAS-Best1::YFP/TM3	III	3751-4-4m-Ch3	
α44	w1118; +/+; UAS-Best1::YFP/TM3	III	3751-4-5m-ch3	
α45	w1118; +/+; UAS-Best1::YFP	III	3751-4-3m-ch3 (50C)	

			Not balanced
α47	w1118; +/-; UAS-Best1::YFP	III	3751-4-1m-ch3 (50C)
			UAS-Best1
α48	w1118; +/-; UAS-Best1/TM3	III	1. 3751-7-5m-ch3
α49	w1118; +/-; UAS-Best1/TM3	III	2. 3751-7-5m-ch3
			UAS-Best2::YFP
α50	w1118; +/-; UAS-Best2::YFP/TM3	III	3711-3-2m-ch3
α51	w1118; +/-; UAS-Best2::YFP/TM3	III	3711-3-4m-ch3
			UAS-Best2
α55	w1118; UAS-Best2/CyO; +/-	II	3751-8-1m-ch2
α56	UAS-Best2/FM6; +/- ; +/-	I	3751-8-2m-x
α57	w1118; +/-; UAS-Best2/TM3	III	3751-8-3m-ch3
			UAS-Best3::YFP
α60	w1118; +/-; UAS-Best3::YFP/TM3	III	3751-5-1m-ch3
α62	w1118; +/-; UAS-Best3::YFP/TM3	III	3751-5-4m-ch3
α63	w1118; UAS-Best3::YFP/CyO; +/-	II	3751-5-5m-ch2
			UAS-Best3
α66	w1118; +/-; UAS-Best3/TM3	III	3751-9-2m-ch3
α67	w1118; +/-; UAS-Best3/TM3	III	3751-9-3m-ch3
			UAS-Best3-RNAi
α70	w1118; +/-; Best3-RNAi/TM3,Sb	III	VDRC 8371/GD
α72	bl/cy;12327R		
α73	w1118; +/-; Best3-RNAi	III	12327R-1(III)
			UAS-Best4::YFP
α76	w1118; +/-; UAS-Best4::YFP/TM3	III	3751-6-4m-ch3
			UAS-best4
α81	w1118; +/-; UAS-Best4/TM3	III	3711-4-4m-ch3
α82	w1118; UAS-Best4/CyO; +/-	II	3711-4-6m-ch2
			Best4-RNAi
α85	w1118; +/-; UAS-Best4-RNAi	III	VDRC 5272/GD
			UAS-Best2::Aequorin
α88	w1118; +/-; UAS-Best2::Aeq/TM3	III	4882-3-3m-ch3
α90	w1118; +/-; UAS-Best2::Aeq/TM3	III	4882-3-5m-ch3
			UAS-Aeq-SKL (Peroxis targeting)
α96	w1118; UAS-Aeq::SKL/CyO; +/-	II	4882-1-5m-ch2
			UAS-Aeq-KVK-SKL (Peroxis targeting)
α99	w1118; +/-; UAS-Aeq::KVKSKL/TM3	III	4882-2-1M-ch3
α102	w1118; +/-; UAS-Aeq::KVKSKL/TM4	III	4882-2-4M-ch3
α104	w1118,UAS-Aeq::KVKSKL/FM6; +/-; +/-	I	4882-2-7M-chx
α108	w1118,UAS-Aeq; hsgal4; UAS-Best1-RNAi/TM3	I:II:III	2. aeq;hsgal4;16mch3/tm3
α109	w1118,UAS-Aeq; hs-GAL4; UAS-Best2-RNAi/TM6	I:II:III	1. aeq;hsgal4;tm2/31mch3
α112	w1118,UAS-Aeq; hs-GAL4; UAS-Best2	I:II:III	aeq;hsgal4;tm6/3751-8-4m
α113	w1118,UAS-Aeq; hs-GAL4/Bl; UAS-Best1-RNAi/TM3	I:II:III	aeq;hsgal4/bl;23m/tm3sb
α114	w1118; UAS-Aeq::KVKSKL; c710	II:III	4882-2-2m;c710
α117	w1118; UAS-Aeq::SKL/CyO; c42	II:III	4882-1-9m/cy;c42
α118	w1118; bl/UAS-Aeq::SKL; c42	II:III	bl/aeq-skl;c42
α122	w1118,UAS-Aeq::KVKSKL; hs-GAL4; +/-	I:II	4882-2-7m;hsgal4
α123	w1118,UAS-Aeq::KVKSKL; hs-GAL4; +/-	I:II	4882-2-7m;hsgal4
α126	w1118; hs-GAL4; UAS-Best1	II:III	hsgal4;3751-7-5m/tm2
α127	actgal4;12mch3*		REMOVE
α133	w1118; +/-; UAS-Best1::YFP	III	3751-4-1m-ch3 (50C)
α134	w1118; +/-; UAS-Best2	III	3751-8-3m-ch3 (50C)
α135	w1118; +/-; UAS-Best2-RNAi	III	31mch3 (50C)
α137	w1118; +/-; UAS-Best2-RNAi	III	10173R-1 (50C)
α138	w1118; +/-; UAS-Best1::YFP	III	3751-4-3m-ch3 (50C)
α141	CG11919		VDRC 32429/GD
α142	CG42325		VDRC 101906/KK
α 142a	CG42325		VDRC 102779/KK
α143	dnc		VDRC 107967/KK
α144	cng		VDRC 102783/KK
α145	cng		VDRC 101745/KK
α146	cg11919		VDRC 32430/GD
α147	CG13827		VDRC 101466/KK
α148	CG13827		VDRC 24481/GD
α149	CG5767		VDRC 102887/KK
α150	dSc2		VDRC 110206/KK
α151	CG101911		VDRC 104203/KK
α152	CG16762		VDRC 102264/KK
α153	w1118; Mi{ET1}Nha2MB06200 Or94bMB06200		Nha2
α154	w1118;α100 ;c825	II:III	recombined perox aequorin (a100) initial segment gal4 (c825)
α155	recombined Cytoplasmic pHluorin with principal cells	II:III	6609-5-2M-Ch2; C42
α156	Df (3L) Exel 6108 (Best2)	III	a139
α157	w1118; UAS-pHluorin(Cyto)/CyO; +/-	II	6609-5-1M-Ch2
α158	w1118; UAS-pHluorin(Cyto)/CyO; +/-	II	6609-5-2M-Ch2
α159	w1118; UAS-pHluorin(Cyto)/CyO; +/-	II	6609-5-3M-Ch2

α160	w1118; +/+; UAS-pHluorin(Perox)/TM3	III	6609-6-1F-Ch3	
α161	Poly A Binding Protein (PABP) tagged with FLAG		9419	
α162			5907	
α163			VDRC 100679/KK CG10242	
α164			VDRC 101544/KK CG9629	
α165			VDRC 50170/GD CG10242	
α166			VDRC 109650/KK CG7144	
for making deletions (FLP/FRT)				
α167	y[1] w[1118] P{ry[+7.2]=70FLP}3F/Dp(1;Y)y[+]; TM2/TM6C, Sb[1]		6419	
α168	PBac{RB} (for Best2)		e00357	
α169	P{XP}Best2d01265		d01265	
α170	PBac{WH}Best2f07549		f07549	
α171	w ¹¹¹⁸ ; PBac{WH}Nha1 ^{f02140}		f02140	
α172	P{XP}d01709		d01709	
α173	P{XP}Best2d01265		6th OC: d01265 Not balanced	
α174	PBac{PB}Best2c04759		6th OC: c04759 Not balanced	
α175	PBac{PB}Best2c00039		6th OC: c00039 (α36)	
pHluorin to measure pH				
α176	w1118; UAS-pHluorin(Cyto)/CyO; Nha1promoter-GAL4	II;III	w1118; 6609-5-2m-Ch2; 8083-1-1m-Ch3	
α177	w1118; UAS-pHluorin(Cyto)/CyO; Nha2promoter-GAL4	II;III	w1118; 6609-5-2m-Ch2; 8083-2-2m-Ch3	
α178	w1118; UAS-pHluorin(Cyto)/CyO; Nha2promoter-GAL4	II;III	w1118; 6609-5-2m-Ch2; 8083-2-2m-Ch3 (2)	
α179	w1118		VDRC empty	
α180	w1118; +/+; Nha1promoter-GAL4/TM3	III	8083-1-1m-Ch3	
α181	w1118; +/+; Nha1promoter-GAL4/TM3	III	8083-1-1m-Ch3 (2)	
α182	w1118; +/+; Nha2promoter-GAL4/TM3	III	8083-2-2m-Ch3	
α183	Canton S		Canton S (Wild Type strain used for FlyAtlas)	
α184	w1118; UAS-Aeq::KVKSkl; c42-GAL4	II;III	α100/CyO; C42	
α185	PBac{PB}Best2c04759		c04759	
α186	w[1118]; PBac{w[+mC]=WH}Nha1[f02140]		18517	
α187	y	I		
α188	w ¹¹¹⁸ ; Mi{ET1}CG34109 ^{MB02927}		23983	
α189	P{Mae-UAS.6.11}LA00586		CG13827	
(Tray W*) [Susie's Stocks]				
D/D Ref. No.	Genotype	Chr.	Genotypic/Phenotypic markers	Source/Comments
W8	y ¹ w ^{67c23} ; P{EPgy2}Stat92E^{EY10528}	I;III	Gene disruption insertion in Stat92E (CG4257) , signal transducer and activator of transcription, marelle, mrl)	BDSC 20181
(Tray X*)				
D/D Ref. No.	Genotype	Chr.	Genotypic/Phenotypic markers	Source/Comments
X1	vha55::eGFP; Bl / CyO; TM2 / TM6	I	V-ATPase - UAS:vha55::eGFP on X	Move to VATPases Tray
X3	w-; Bl / CyO; vha55::eGFP / vha55::eGFP	III	V-ATPase - UAS:vha55::eGFP on 3	Move to VATPases Tray
X4	w-; + / +; trp343 / trp343	III	trp - trp null on 3rd chromosome.	Check if this is a repeat.
X5	w-; + / +; trp365 / trp365	III	trp - Constitutively active trp on 3rd chromosome..	
X16	y1; P{y+mDint2wBRE.BR=SUP or-P} KG02953 ry506		KG gene trap midway between CG5235(dopamine beta momooxygenase) 100bp and 150bp from CG5284 a putative chloride channel. At 5 prime end of both. KGs have hairy wing insulators to make them better disruptants.	BDSC 12929.
X19	kar 2		Karmoisin allele: 87C- originally interested because near vha55. putative carboxylic acid transporter. Highly enriched in tubule.	
X26	UAS NHE3i, +, C710		NHE - Homozygous line transgene expression in stellate cells.	
X27	32c hs Nhe1 V5		NHE - NHE1 epitope tag	
X28	w ¹¹¹⁸ ; P{GT1}BG02782	I;II	AQP - right at start of CG7777,47F13.	BDSC 12872.
X30	cn1 P{ry[+7.2=PZ]} Sip106373 / CyO; ry506	II;III	NHE -. Sip1 is: SRY interacting protein 1, sodium:hydrogen antiporter regulator activity, not significantly enriched in tubule: Maria showed that its reporter marks up stellate cells really well. Not what was expected!	BDSC 12034.
X32	UAS NHE 3i		NHE 3 RNAi	
(Tray Z*) [Matt MacPherson's Stocks]				
D/D Ref. No.	Genotype	Chr.	Genotypic/Phenotypic markers	Source/Comments
Z1	UAS-Aequorin;+; GAL4 ^{c42}	I;III		
Z2	UAS-Aequorin;+; GAL4 ^{c710}	I;III		
Z3	w-; UAS-Aequorin ^{Cytosolic}	I;II		
Z4	w-; hs dNOS/CyO;TM2/TM6	I;II;III	dNOS	
Z5	UAS-Aequorin; trp1302: hs GAL4/TM6	I;II;III	Trp	

			No TM6. w- eye colour, therefore contaminated?	
Z6	UAS-Aequorin; hs GAL4;trpcm	I;II;III	trpm	
Z7	w-; Bl/CyO; dN1-3	I;II;III	dNOS	
Z8	UAS-Aequorin; hs dNOS; hs GAL4/TM6	I;II;III	dNOS, May be segregating CyO	
Z9	w-; hs GAL4; TM2/TM6	I;II;III		
Z10	w-; Bl/CyO; GAL4 ^{c42}	I;II;III		
Z11	UAS-Aequorin; trpl302; GAL4 ^{c42}	I;II;III	trpl	
Z12	UAS DG1G	III	UAS DG1 Used in assays by Matt McPherson.	
Z13	UAS DG1F	II	UAS DG1 Used in assays by Matt McPherson (works).	
Z15	UAS P1A		UAS DG2-P1	
Z17	UAS P2A	II	UAS DG2-P2 Used in assay. Works weakly.	
Z18	UAS P2B	III	UAS DG2-P2	SICK!
Z21	UAS P2tB		UAS DG2-P2trunc (expresses regulatory region only)	
Z22	UAS DG1tA		UAS DG1trunc (expresses regulatory region only)	
Z23	UAS DG1tB		UAS DG1trunc (expresses regulatory region only)	
Z25	UAS cGKIIB		UAS cGKII	
Z26	UAS cGKIIC		UAS cGKII	
Z27	UAS cGKIID		UAS cGKII	
Z28	w-; UAS DG1F/CyO; GAL4 ^{c42} /TM6	I;II;III	DG1 expressed in stellate cells	
Z29	w-; UAS DG1F; GAL4 ^{c710}	I;II;III	DG1 expressed in principal cells	
Z32	cn ¹ P{PZ}for ⁰⁶⁸⁶⁰ /CyO; ry ⁵⁰⁶	II;III	Enhancer trap insertion in dg2 (CG10033, for, Dg2, DG2, for, foraging FOR/PKG, l(2)06860, PKG, Pkg2, Pkg24A, protein kinase G).	Bloomington 12326
Z33	P{EP}for ^{EP2286}			Szeged Drosophila Stock Centre
Z34	P{EP}for ^{EP2453}			Szeged Drosophila Stock Centre
Z36	y ¹ w ^{67c23} ; P{lacW}for ^{k04703} /CyO	I;II	Enhancer trap insertion in dg2 (CG10033, for, Dg2, DG2, for, foraging FOR/PKG, l(2)06860, PKG, Pkg2, Pkg24A, protein kinase G).	Bloomington 10382
Z37	y ¹ w ^{67c23} ; P{SUPor-P}for ^{KG01873}	I;II	Gene disruption element insert in dg2 (CG10033, for, Dg2, DG2, for, foraging FOR/PKG, l(2)06860, PKG, Pkg2, Pkg24A, protein kinase G). May be segregating CyO and ry ⁵⁰⁶ .	Bloomington 14079

VDRG RNAi Lines

D/D Ref. No.	Transformant ID	Chr.	Viability/Target Specificity/CG Identifier	Genotype/Synonyms	Source/Comments
	4726	II	Viable 1 On Target/0 Off Target CG18067	CT40493	VDRG RNAi GD Line
	14933	III	Viable 1 On Target/0 Off Target CG18104	EG:171D11.4, EG:65F1.3, arg, arginase	VDRG RNAi GD Line
	102244	II	Viable 1 On Target/0 Off Target CG12769		VDRG RNAi KK Line
	104407	II	Viable 1 On Target/0 Off Target CG18104	EG:171D11.4, EG:65F1.3, arg, arginase	VDRG RNAi KK Line
Maria/Rujuta	108224	II	Viable 1 On Target/0 Off Target CG1298		VDRG RNAi KK Line
Gayle	17933	II	Viable 1 On Target/1 Off Target CG1678	BcDNA:GH04760	VDRG RNAi GD Line
	32430	III	Viable 2 On Target/0 Off Target CG11919	CG30019, DmCG11919	VDRG RNAi GD Line
Gayle	35607	III	Viable 1 On Target/1 Off Target CG6917	Est, Est-5, EST-5, Est-5B, est6, est-6, Est6, Est-6, EST6, EST-6, Est-D, Esterase 6, Esterase-6, Carboxyl ester hydrolase	VDRG RNAi GD Line
Venkat	101466	II	Viable 1 On Target/0 Off Target CG13827	BcDNA:RE30473	VDRG RNAi KK Line
Steph	101512	III	Viable 1 On Target/0 Off Target CG6103	Creb, CREB, Creb17A, CREB2, CREB2a, Creb2b, CREB2b, CREB-b, CREB-B, CrebB-17A, CrebB17-A, CRE-BP, cyclic AMP response element binding protein, Cyclic-AMP response element binding protein B at 17A, dCzb, dCREB, dCREB2, dCREB-2, dCREB2a, dCREB-2a, dCREB2-a, dCREB2b, dCREB2-b, dCREB-B, dCrebB2, l(1)17Af, lethal(1)17Af, S162 activator blocker, cAMP-regulated enhancer-binding protein	VDRG RNAi KK Line
Gayle	107240	II	Viable 1 On Target/0 Off Target CG33109	cg9645, CG9645	VDRG RNAi KK Line
Venkat	109558	II	Viable 2 On Target/0 Off Target CG12370	CG13156, anon-WO0170980.103, anon-WO0170980.104	VDRG RNAi KK Line
Venkat	110016	II	Viable 1 On Target/1 Off Target CG10806	serine protease	VDRG RNAi KK Line
	110460	II	Viable 1 On Target/0 Off Target CG5757		VDRG RNAi KK Line
Steph	110650	II	Viable 1 On Target/0 Off	Creb, Creb, CREB, crebA, CrebA, Creb-A, CREB-a, CREB-A,	VDRG RNAi KK Line

			Target CG7450	CRE-BP, cyclic AMP response element binding protein, Cyclic-AMP response element binding protein A, dCrebA, dCreb-A, dCREBA, dCREB-A, I(3)03576, Bbbf2, BBF-2, BBF2_DROME, BcDNA:SD05937, Box B-binding factor 2, BOX B Binding Factor-2, cAMP response element binding protein	
Gayle	110661	II	Viable 1 On Target/1 Off Target CG3705	0423/14, aay, anon-W00172774.117, astray	VDR RNAi KK Line
Gayle	110747	II	Viable 1 On Target/0 Off Target CG9116	Lysozyme, Lysozyme P, lysP, LysP	VDR RNAi KK Line
	108433	II	Viable 1 On Target/1 Off Target CG6713	dnOS, DNOS, DNOS1, drNOSoxy, nitric oxide synthase, nitric oxide synthase, Nitric oxide synthase, Nos, NOS	VDR RNAi KK Line
	9019	II	Viable 1 On Target/0 Off Target CG10181	Mdr65, Mdr65A, Multiple drug resistance 65, P-glycoprotein65-Dm	VDR RNAi GD Line
	22203	III	Viable 1 On Target/0 Off Target CG5815	BcDNA:GH07089, BcDNA:GH07346	VDR RNAi GD Line
	31916	II	Viable 1 On Target/0 Off Target CG14904	Dcabp-A.2, Drosophila Ca[2+]-binding protein A.2, dSCP2, JHDK, Sarcoplasmic calcium-binding protein 2, Scp2, SCP2, Ca2+-sensing low molecular weight GTPase, Calexcitin, CE, cex, Cex, Cex Ca2+-sensing low molecular weight	VDR RNAi GD Line
	33434	III	Viable 1 On Target/1 Off Target CG1954	Dpkc3, dPKC98F, Nc98F, Neural-conserved-at-98F, nPKC, PKC, Pkc3, Pkc98E, PKC 98F, PKC-98F, PKC-brain, PKC d98F, Protein C kinase 98E, protein kinase C, 98F	VDR RNAi KK Line
	38626	III	Viable 1 On Target/0 Off Target CG12110	dPld, dPLD, phospholipase D, Phospholipase D, Pld	VDR RNAi GD Line
Maria/Rujuta	102194	II	Viable 1 On Target/0 Off Target CG4590	D-inx-2, Dm-inx, Dm-inx2, Innexin, innexin2, innexin 2, inx2, inx-2, Inx2, INX-2, Ix2, kprof, I(1)G0035, I(1)G0036, I(1)G0043, I(1)G0059, I(1)G0118, I(1)G0157, I(1)G0317, I(1)G0364, pas related protein 33, prp33	VDR RNAi KK Line
	108327	II	Viable 1 On Target/0 Off Target CG3879	Dm5, Mdr49, MDR49, MDR5, Mes5, Multi drug resistance 49	VDR RNAi KK Line
	2560	II	Viable 1 On Target/0 Off Target CG16724	Dmtra, tra, Tra, TRA, transformer, Transformer	VDR RNAi GD Line
	6425	III	Viable 1 On Target/1 Off Target CG5765		VDR RNAi GD Line
	104747	II	Viable 1 On Target/1 Off Target CG5765		VDR RNAi KK Line
	25172	III	Viable 1 On Target/0 Off Target CG7642	Rosy, ry, xanthine dehydrogenase, Xanthine DH, Xdh, XDH, Xdh/ry, XOR	VDR RNAi GD Line
	25175	III	Viable 1 On Target/0 Off Target CG7642	Rosy, ry, xanthine dehydrogenase, Xanthine DH, Xdh, XDH, Xdh/ry, XOR	VDR RNAi GD Line
	101174	II	Viable 1 On Target/0 Off Target CG10369	dKirIII, Inwardly rectifying potassium channel 3, irk3, Irk3	VDR RNAi KK Line
	105005	II	Viable 1 On Target/0 Off Target CG14307	cg7688, CG7688, cg7689, CG7689, CG7690, CT22773, Dmfri, fru, Fru, fruitless, Fruitless, fruity, fru-satori, fty, ms(3)06411, sat, satori, BTB-protein-VI, BtbVI, BTB-VI	VDR RNAi KK Line
	108140	II	Viable 1 On Target/0 Off Target CG4370	dKirII, Inwardly rectifying potassium channel 2, irk2, Irk2, CG10180	VDR RNAi KK Line
	108469	II	Viable 1 On Target/0 Off Target CG11992	immune response deficient 4, ird, ird4, I(3)neo36, rel, Rel, REL, relish, Relish	VDR RNAi KK Line
	100805	II	Viable 1 On Target/0 Off Target CG10128	tra2, tra-2, Tra2, Tra-2, TRA2, TRA 2, TRA-2, transformer 2, transformer-2, Transformer 2, Transformer-2	VDR RNAi KK Line
	101534	II	Viable 1 On Target/0 Off Target CG7260	Dm-BYN, dm-Trg, D-TRA, DTrg, D-Trg, Tra, T related antigen, T-related gene, trg, Trg, apro, aproctous, brachyenteron, Brachyenteron, brachyury, byn, Byn, byn/apro	VDR RNAi KK Line
Steph	103807	II	Viable 1 On Target/0 Off Target CG3665	clone 1.60, CT12301, EG:EG0007.3, fas2, Fas2, FAS2, Fasciclin, fasciclin2, fasciclin 2, Fasciclin2, Fasciclin 2, fasciclinII, fasciclin II, fasciclin-II, FasciclinII, Fasciclin II, FASCICLIN II, Fasciculin II, FascII, Fascilin II, fasII, fas II, fas-II, FasII, Fas II, FASII, FAS II, I(1)G0032, I(1)G0048, I(1)G0081, I(1)G0293, I(1)G0336, mAb1D4, mAb 1D4, mAb1D4, MAB1D4, 1D4, Ab 1D4, anon-EST:Liang-1.60	VDR RNAi KK Line
	101623	II	Viable 1 On Target/1 Off Target CG4105	cyp4e3, Cyp4e3, Cytochrome P450-4e3, P450, P-450, 4e3	VDR RNAi KK Line
	102264	II	Viable 1 On Target/0 Off Target CG16762		VDR RNAi KK Line
	102864	II	Viable 1 On Target/0 Off Target CG3972	Cyp4g1, Cytochrome P450-4g1, Cytochrome P450 A1, Cyt-P450-A1, EG:165H7.1, P450, P-450, P-450-A, P450-A, scgamma, T1, 4g1, Achaete-scute Complex transcript 1, anon-W00140519.102, ASC-T1	VDR RNAi KK Line
	102877	II	Viable 1 On Target/0 Off Target CG5767	CT18118	VDR RNAi KK Line
	103975	II	Viable 1 On Target/0 Off Target CG3466	Cyp4d2, CYP4D2, cytochrome P-450., Cytochrome P450-4d2, Cytochrome P450 4D2, Cyt-P450-4D2, EG:152A3.4, P450, P-450, 4d2	VDR RNAi KK Line
	104203	II	Viable 1 On Target/0 Off Target CG10911		VDR RNAi KK Line
	104735	II	Viable 1 On Target/1 Off Target CG2397	Cyp6a13, 6a13	VDR RNAi KK Line

	105174	II	Viable 1 On Target/0 Off Target CG11897		VDRc RNAi KK Line
	106611	II	Viable 1 On Target/1 Off Target CG12602		VDRc RNAi KK Line
	108714	II	Viable 1 On Target/0 Off Target CG14963		VDRc RNAi KK Line
	1407	III	Viable 1 On Target/0 Off Target CG4568	fuzzy onions, fzo, anon-W00125274.1, anon-W00125274.25, anon-W00125274.26	VDRc RNAi GD Line
	35139	II	Viable 1 On Target/1 Off Target CG6914	BcDNA:AT13913	VDRc RNAi GD Line
	40354	II	Viable 1 On Target/0 Off Target CG6255	AAF55672, anon-W00140519.197	VDRc RNAi GD Line
	40355	II	Viable 1 On Target/0 Off Target CG6255	AAF55672, anon-W00140519.197	VDRc RNAi GD Line
	45177	II	Viable 1 On Target/1 Off Target CG1683	l(1)G0126, l(1)G0247, l(1)G0386, Adenine nucleotide translocase 2, ADP/ATP translocase., Ant2	VDRc RNAi GD Line
	102533	II	Viable 1 On Target/1 Off Target CG1683	l(1)G0126, l(1)G0247, l(1)G0386, Adenine nucleotide translocase 2, ADP/ATP translocase., Ant2	VDRc RNAi KK Line
	106072	II	Viable 1 On Target/0 Off Target CG4568	fuzzy onions, fzo, anon-W00125274.1, anon-W00125274.25, anon-W00125274.26	VDRc RNAi KK Line
	107733	II	Viable 1 On Target/1 Off Target CG6914	BcDNA:AT13913	VDRc RNAi KK Line
JAT43?	34738	III	Viable 1 On Target/0 Off Target CG3926	Dm-Spat, serine pyruvate aminotransferase, Serine pyruvate aminotransferase, spa, spat, Spat	VDRc RNAi GD Line
	37149	III	Viable 1 On Target/1 Off Target CG12847	Dm.Tsp42Ec, tetraspanin 42E, Tetraspanin 42Ec, Tsp42Ec	VDRc RNAi GD Line
	101081	II	Viable 1 On Target/0 Off Target CG11415	D8.7, Dm.Tsp2A, EG:8D8.7, Tetraspanin 2A, Tsp2A	VDRc RNAi KK Line
	104950	II	Viable 1 On Target/0 Off Target CG12837	Dm.Tsp42Er, tetraspanin 42E, Tetraspanin 42Er, Tsp42Er	VDRc RNAi KK Line
	106669	II	Viable 1 On Target/0 Off Target CG33134	CG12397, dbok, dBOK, Dbok, DBok, dBorg01, dborg1, dBorg1, dBorg-1, dBORG-1/DROB-1/DEBCL/dBOK, death executioner Bcl-2 homologue, death inducing Bcl-2-like protein, debcl, Debcl, DEBCL, debcl/Borg1 Debcl/dBorg-1/dBok/Drob-1, Debcl/dBorg-1/dRob-1, Debcl/Drob-1/dBorg-1/dBok, debok, deborg, drob-1, Drob-1, Drob-1/Debcl/dBORG-1, Drob-1/Debcl/dBorg-1/dBok, Drob-1/Debcl/dBorg-1/DBok, BG1, Bok, BOK, Bok(Debcl), borg1/debcl	VDRc RNAi KK Line
Maria/Rujuta	4064	III	Viable 1 On Target/0 Off Target CG3770	CT12588	VDRc RNAi GD Line
Maria/Rujuta	7767	III	Viable 1 On Target/1 Off Target CG11579	EG:86E4.6, l(1)2Bv, l(1)arm, l(1)G0192, l(1)G0234, l(1)G0410, t12687, ALR Dm, arm, Arm, ARM, armadillo, Armadillo, Armadillo(Arm)/beta-catenin, Armadillo/beta-catenin, b-catenin, beta-cat, Beta-cat, beta-cat-arm, beta-catenin, beta-Catenin, Beta-catenin, catenin	VDRc RNAi GD Line
Maria/Rujuta	9146	III	Viable 1 On Target/0 Off Target CG6398		VDRc RNAi GD Line
Maria/Rujuta	9673	II	Viable 2 On Target/0 Off Target CG6982		VDRc RNAi GD Line
Maria/Rujuta	9787	II	Viable 1 On Target/1 Off Target CG11949	cor, Cor, COR, cora, Cora, coracle, Coracle, D4.1, D4.1-Coracle, l(2)k08713	VDRc RNAi GD Line
Maria/Rujuta	9788	III	Viable 1 On Target/1 Off Target CG11949	cor, Cor, COR, cora, Cora, coracle, Coracle, D4.1, D4.1-Coracle, l(2)k08713	VDRc RNAi GD Line
Maria/Rujuta	41134	II	Viable 1 On Target/1 Off Target CG1725	CG1730, CPD, disc large, disc-large, Disc Large, discslarge, discs large, discs-large, Discslarge, Discs large, Discs-large, Discs Large, Discs-Large, discs large 1, dlg, Dlg, DLG, dlg1, d.lg.-1, dlg-1, Dlg1, dlgA, dlg-A, DlgA, Dlg-A, DLG-A, Drodldg, l(1)10Bf, l(1)bwn, l(1)discs large, l(1)dlg, l(1)dlg1, l(1)d.lg.-1, l(1)d.lg.-1, l(1)dlg-1, l(1)G0276, l(1)G0342, l(1)G0456, l(1)G19, l(1)L11, l(1)l.pr.-2, l(1)lpr-2, lethal(1)benign wing, imaginal disc neoplasm, lethal(1)discs large, lethal(1)discs-large, lethal(2)discs large, misb, 11, anon-EST:Posey93, anon-W003040301.258, anon-W003040301.260, anon-W003040301.268	VDRc RNAi GD Line
Maria/Rujuta	41136	III	Sterile 1 On Target/1 Off Target CG1725	CG1730, CPD, disc large, disc-large, Disc Large, discslarge, discs large, discs-large, Discslarge, Discs large, Discs-large, Discs Large, Discs-Large, discs large 1, dlg, Dlg, DLG, dlg1, d.lg.-1, dlg-1, Dlg1, dlgA, dlg-A, DlgA, Dlg-A, DLG-A, Drodldg, l(1)10Bf, l(1)bwn, l(1)discs large, l(1)dlg, l(1)dlg1, l(1)d.lg.-1, l(1)d.lg.-1, l(1)dlg-1, l(1)G0276, l(1)G0342, l(1)G0456, l(1)G19, l(1)L11, l(1)l.pr.-2, l(1)lpr-2, lethal(1)benign wing, imaginal disc neoplasm, lethal(1)discs large, lethal(1)discs-large, lethal(2)discs large, misb, 11, anon-EST:Posey93, anon-W003040301.258, anon-W003040301.260, anon-W003040301.268	VDRc RNAi GD Line
Maria/Rujuta	102985	II	Viable 2 On Target/0 Off Target CG6982		VDRc RNAi KK Line
Maria/Rujuta	103556	II	Viable 1 On Target/0 Off Target CG3770	CT12588	VDRc RNAi KK Line

Maria/Rujuta	107344	II	Viable 1 On Target/0 Off Target CG11579	EG:86E4.6, l(1)2Bv, l(1)arm, l(1)G0192, l(1)G0234, l(1)G0410, t12687, ALR Dm, arm, Arm, ARM, armadillo, Armadillo, Armadillo(Arm)/beta-catenin, Armadillo/beta-catenin, b-catenin, beta-cat, Beta-cat, beta-cat-arm, beta-catenin, beta-Catenin, Beta-catenin, catenin	VDR RNAi KK Line
Maria/Rujuta	107646	II	Lethal 1 On Target/0 Off Target CG6398		VDR RNAi KK Line
Maria/Rujuta	3961	III	Lethal 1 On Target/0 Off Target CG1298		VDR RNAi GD Line
Maria/Rujuta	3962	II	Viable 1 On Target/0 Off Target CG1298		VDR RNAi GD Line
Maria/Rujuta	6688	III	Viable 1 On Target/1 Off Target CG1634	CT4318, l(1)7Fa, l(1)G0099, l(1)G0413, l(1)G0488, lethal (1) G0488, neuroglian, Neuroglian, Ngl, nrg, Nrg, NRG, RA35, ceb, central brain deranged	VDR RNAi GD Line
Maria/Rujuta	27201	III	Viable 1 On Target/0 Off Target CG1634	CT4318, l(1)7Fa, l(1)G0099, l(1)G0413, l(1)G0488, lethal (1) G0488, neuroglian, Neuroglian, Ngl, nrg, Nrg, NRG, RA35, ceb, central brain deranged	VDR RNAi GD Line
Maria/Rujuta	28294	II	Viable 1 On Target/0 Off Target CG1084	cont, Cont, contactin, Contactin, CT1481, D-Axonin, DCONT	VDR RNAi GD Line
Maria/Rujuta	37115	II	Viable 1 On Target/2 Off Target CG3903	gli, Gli, gliotactin, Gliotactin, l(2)35Dg, l(2)br45, n(2)k09033, BG:DS09217.3	VDR RNAi GD Line
Maria/Rujuta	37116	II	Viable 1 On Target/2 Off Target CG3903	gli, Gli, gliotactin, Gliotactin, l(2)35Dg, l(2)br45, n(2)k09033, BG:DS09217.3	VDR RNAi GD Line
Maria/Rujuta	40613	III	Viable 1 On Target/0 Off Target CG1084	cont, Cont, contactin, Contactin, CT1481, D-Axonin, DCONT	VDR RNAi GD Line
Maria/Rujuta	50306	II	Viable 1 On Target/0 Off Target CG14779	EG:80H7.2, l(1)G0044, mega, Mega, megatrachea, pck, pickel	VDR RNAi GD Line
Maria/Rujuta	50307	II	Viable 1 On Target/0 Off Target CG14779	EG:80H7.2, l(1)G0044, mega, Mega, megatrachea, pck, pickel	VDR RNAi GD Line
	28349	III	Sterile 1 On Target/0 Off Target CG2196		VDR RNAi GD Line
	28350	III	Sterile 1 On Target/0 Off Target CG2196		VDR RNAi GD Line
	33761	III	Lethal 1 On Target/0 Off Target CG31097	CG13665	VDR RNAi GD Line
	3787	III	Viable 1 On Target/11 Off Target CG15319	Crpb, CREB binding protein, CREB-binding protein, dCBP, dmCBP, Drosophila CREB-binding protein, nej, nej CBP, nejire, p300, p300/CBP, anon-WO0147981.11, anon-WO03040301.89, cbp, Cbp, CBP, CBP_, CBP/p300	VDR RNAi GD Line 11 Off Target!
	5341	II	Viable 1 On Target/0 Off Target CG5485	dpres, Prestin	VDR RNAi GD Line
	13163	III	Sterile 1 On Target/0 Off Target CG5966	141233_at	VDR RNAi GD Line
	13164	III	Sterile 1 On Target/0 Off Target CG5966	141233_at	VDR RNAi GD Line
	17261	II	Viable 1 On Target/0 Off Target CG14292		VDR RNAi GD Line
	33670	I	Viable 1 On Target/0 Off Target CG34123	CG16805, CG30078, CG30079, TrpM, TRPM, BcDNA:GH04950	VDR RNAi GD Line
	33911	II	Viable 1 On Target/0 Off Target CG10383		VDR RNAi GD Line
	882	II	Viable 1 On Target/0 Off Target CG18095	DS05899.7, gp150-like, BG:DS05899.7	VDR RNAi GD Line
	8101	III	Viable 1 On Target/0 Off Target CG7882		VDR RNAi GD Line
	8103	III	Lethal 1 On Target/0 Off Target CG7882		VDR RNAi GD Line
	13326	II	Viable 1 On Target/0 Off Target CG1086	Dmglut1, GLU, glucose transporter 1, Glucose transporter 1, glut1, Glut1	VDR RNAi GD Line
	15368	I	Viable 1 On Target/1 Off Target CG2016	anon-SAGE:Wang-083	VDR RNAi GD Line
	15369	I	Viable 1 On Target/1 Off Target CG2016	anon-SAGE:Wang-083	VDR RNAi GD Line
	36253	II	Viable 1 On Target/0 Off Target CG18095	DS05899.7, gp150-like, BG:DS05899.7	VDR RNAi GD Line
	40488	II	Viable 1 On Target/0 Off Target CG30016	anon-AE003828.1	VDR RNAi GD Line
	40490	III	Viable 1 On Target/0 Off Target CG30016	anon-AE003828.1	VDR RNAi GD Line
	40893	III	Viable 1 On Target/0 Off Target CG18095	DS05899.7, gp150-like, BG:DS05899.7	VDR RNAi GD Line
	42622	II	Viable 1 On Target/0 Off Target CG2791		VDR RNAi GD Line
	44060	III	Viable 1 On Target/0 Off Target CG13857		VDR RNAi GD Line
	44061	III	Sterile 1 On Target/0 Off Target CG13857		VDR RNAi GD Line
	42580	III	Sterile 1 On Target/0 Off Target CG7589		VDR RNAi GD Line
	42582	III	Viable 1 On Target/0 Off Target		VDR RNAi GD Line

			Target CG7589		
F56	11968	III	Viable 1 On Target/1 Off Target CG16944	EM12, Hmr, jive, l(1)9Ed, l(1)9Fa, l(1)DC701, l(1)EM31, l(1)G0126, l(1)G0247, l(1)G0386, (1)S12, lethal(1)9Ed, orangi, S12, sesB, ses B, stress sensitive B, stress-sensitive B, A/A-T, A/A-T/sesB, Adenine nucleotide translocase, ADP/ATP translocase, ADT2, anon-WO02059370.55	VDR RNAi GD Line
F57	48581	II	Viable 1 On Target/1 Off Target CG16944	EM12, Hmr, jive, l(1)9Ed, l(1)9Fa, l(1)DC701, l(1)EM31, l(1)G0126, l(1)G0247, l(1)G0386, l(1)S12, lethal(1)9Ed, orangi, S12, sesB, ses B, stress sensitive B, stress-sensitive B, A/A-T, A/A-T/sesB, Adenine nucleotide translocase, ADP/ATP translocase, ADT2, anon-WO02059370.55	VDR RNAi GD Line
F55	52457	III	Viable 1 On Target/0 Off Target CG16944	EM12, Hmr, jive, l(1)9Ed, l(1)9Fa, l(1)DC701, l(1)EM31, l(1)G0126, l(1)G0247, l(1)G0386, l(1)S12, lethal(1)9Ed, orangi, S12, sesB, ses B, stress sensitive B, stress-sensitive B, A/A-T, A/A-T/sesB, Adenine nucleotide translocase, ADP/ATP translocase, ADT2, anon-WO02059370.55	VDR RNAi GD Line
	5059	III	Viable 1 On Target/0 Off Target CG10173	dbest2, Best2, Bestrophin 2	VDR RNAi GD Line
	5272	III	Viable 1 On Target/0 Off Target CG7259	CT22395, dbest4, Best4, Bestrophin 4	VDR RNAi GD Line
	5963	III	Lethal 1 On Target/0 Off Target CG6264	Dbest, dbest1, dmBest1, anon-WO0118547.380, best, Best1, Bestrophin 1	VDR RNAi GD Line
	8371	III	Lethal 1 On Target/0 Off Target CG12327	dbest3, Best3, Bestrophin 3	VDR RNAi GD Line
	17261	II	Viable 1 On Target/0 Off Target CG14292		VDR RNAi GD Line
	20329	II	Viable 1 On Target/0 Off Target CG1692	mal, ma-l, maroon-like, section 5, 5, bronzy, bz	VDR RNAi GD Line
	20332	III	Sterile 1 On Target/0 Off Target CG1692	mal, ma-l, maroon-like, section 5, 5, bronzy, bz	VDR RNAi GD Line
	25172	III	Viable 1 On Target/0 Off Target CG7642	Rosy, ry, xanthine dehydrogenase, Xanthine DH, Xdh, XDH, Xdh/ry, XOR	VDR RNAi GD Line
Maria/Rujuta	22948	II	Viable 1 On Target/0 Off Target CG2977	CG32731, D-inx-7, Dm-inx7, innexin7, innexin 7, inx7, inx-7, pas related protein 7, prp7	VDR RNAi GD Line
Maria/Rujuta	22949	II	Viable 1 On Target/0 Off Target CG2977	CG32731, D-inx-7, Dm-inx7, innexin7, innexin 7, inx7, inx-7, pas related protein 7, prp7	VDR RNAi GD Line
Maria/Rujuta	44928	II	Viable 1 On Target/0 Off Target CG10624	6524, i8, l(3)06524, sinu, Sinu, sinuous, Sinuous	VDR RNAi GD Line
Maria/Rujuta	44929	II	Viable 1 On Target/0 Off Target CG10624	6524, i8, l(3)06524, sinu, Sinu, sinuous, Sinuous	VDR RNAi GD Line
Maria/Rujuta	9012	I	Viable 1 On Target/0 Off Target CG10624	6524, i8, l(3)06524, sinu, Sinu, sinuous, Sinuous	VDR RNAi GD Line
Maria/Rujuta	37534	II	Viable 1 On Target/0 Off Target CG5695	95F, 95F MHC, 95F myosin, 95F Myosin, 95F unconventional, myosin, Dm95F, Dm 95F, Dro95F, jag, JAG, jaguar, Jaguar, jar, Mhc95F, MHC95F, ms(3)06746, myosin 95F, myosin heavy chain, Myosin heavy chain, Myosin heavy chain at 95F, myosin VI, myosin-VI, Myosin VI, MyoVI, MYOVI	VDR RNAi GD Line
	25175	III	Viable 1 On Target/0 Off Target CG7642	Rosy, ry, xanthine dehydrogenase, Xanthine DH, Xdh, XDH, Xdh/ry, XOR	VDR RNAi GD Line
	104726	II	Viable 1 On Target/0 Off Target CG7486	Dcp2 Dcp-2, DCP2, DCP-2, dcp-2/dredd, Dcp-2/Dredd, DCP-2/DREDD, Death caspase-2, Death related ced-3/Nedd2-like protein, Dedd, dredd, Dredd, DREDD, Drosophila caspase, EG:115C2.9, Redd, anon-1BCa, caspase, Ced-3-like/Nedd2-like protein	VDR RNAi KK Line
	26427				
	100257				
	100326				
	100333				
	101636				
	101834				
	104726				
	105351				
	108199				
	26427				
	100257				
	6465				
	6466				
	106844				
	110394				
	4642				
	34594				
	34595				
	101705				

102972				
103420				
103513				
105462				
107967				
108943				
109168				
109738				
109783				
110206				
100459				
104032				
105173				
107641				
3349				
11322				
22321				
22322				
105854				
107798				
35677				
50469				
102270				
106787				
100679				
101745				
102783				
103591				
110511				
24231				
31148				
32429				
100055				
101906				
102779				
104429				
107997				
108184				
108307				
109594				
110547				
20950				
30298				
46554				
106331				
106611				
110329				
8124				
38319				
101847				
106911				
107980				
108293				
6425				
8868				
24481				
24499				
27201				
50170				
100679				
100805				
101466				
101544				
102985				
107344				
109650				
37188				
37189				
3664				
50064				
102707				
103702				
103780				
104421				
106027				
106126				
106456				

