

# DiBio Fly Facility stock list updated September 2024

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## Wild type control stocks

facility code number	short name	full name and description
1	<b>OR-R</b>	<b>Oregon R</b> Collected from wild flies in 1925 or earlier by D.E. Lancefield at Roseburg city, State of Oregon, USA. origin/donor: Padova, Dep. of Biology
2	<b>CS Leicester</b>	<b>Canton Special</b> Collected from wild flies by C. Bridges at Canton city, Ohio State, USA origin/donor: Leicester, Dep. of Genetics and Genome Biology (CP Kyriacou)
3	<b>CS Bloomington</b>	<b>Canton Special</b> Collected from wild flies by C. Bridges at Canton city, Ohio State, USA origin/donor: Bloomington stock center #64349
4	<b>Berlin-K</b>	<b>Berlin-K</b> M strain origin/donor: Bloomington stock center #8522
150	<b>r -Dah</b>	<b>Dahomey</b> Originally collected in Dahomey, now Benin (Puijk & de Jong, 1972) origin/donor: Institute of Healthy Ageing, Dep. of Genetics, Evol. and Environ., University College London (L. Partridge)
310	<b>WT-ALA</b>	<b>Wild-Type Alto Adige</b> Pool of 16 isofemale lines collected in 5 sites in "Alto Adige" (Italy) on September 2004 origin/donor: Padova, Dep. of Biology
311	<b>Hu</b>	<b>Houten</b> Collected at Houten (Hu), Netherlands on 1997 - LS tim strain origin/donor: Leicester, Dep. of Genetics and Genome Biology (CP Kyriacou)

## Classical Mutants

facility code number	short name	full name and description
5	<b>cantonized white</b>	<b>w; CS[CS 10]</b> affected chromosome: I X chromosome from <i>w[1118]</i> autosomes from Canton S origin/donor: Paris-Saclay, Institut des Neurosciences (Jean Renè Martin)
6	<b>"Whitized" Canton</b>	<b>w<sup>+</sup>CS/white</b> affected chromosome: - X chromosome from Canton-S, autosomes from <i>w[1118]</i> origin/donor: Leicester, Dep. of Genetics and Genome Biology (CP Kyriacou)
151	<b>w-Dah</b>	<b>w-Dahomey</b> affected chromosome: I This strain was generated by backcrossing the white gene from <i>w[1118]</i> into the Dahomey genetic background. origin/donor: Institute of Healthy Ageing, Dep. of Genetics, Evol. and Environ., University College London (L. Partridge)
7	<b>white</b>	<b>w[1118]</b> affected chromosome: I white eye. The line is isogenic for chromosomes 1,2 and 3, tested for normal learning, memory and circadian rhythms origin/donor: Bloomington stock center #5905
9	<b>scarlet</b>	<b>st[1]</b> affected chromosome: III brilliant red eye origin/donor: Bloomington stock center #605 but selected after cross with OR-R strain
10	<b>brown</b>	<b>bw[1]</b> affected chromosome: II red-brown eye origin/donor: Bloomington stock center #245

11	<b>SIL9 sepia</b>	<b>se</b> affected chromosome: III sepia-brown eye, wild stock collected at Silandro (BZ) on September 2004, isofemale line origin/donor: Padova, Dep. of Biology
63	<b>vermillion</b>	<b>v[1]</b> affected chromosome: I brilliant red eye. Obtained by several crosses and recombination from Bloomington strain #39014 origin/donor: Padova, Dep. of Biology
64	<b>yellow,vermillion</b>	<b>y[1],v[1]</b> affected chromosome: I yellow colour body and brilliant red eye. Obtained by several crosses from Bloomington strain #39014 origin/donor: Padova, Dep. of Biology
12	<b>ebony</b>	<b>e[1]</b> affected chromosome: III black body colour origin/donor: Bloomington stock center #1658
13	<b>white;;ebony</b>	<b>w[1118];;e[1]</b> affected chromosome: I;III white eye and black body colour. Obtained crossing <i>w[1118]</i> and <i>e[1]</i> strains origin/donor: Padova, Dep. of Biology
14	<b>yellow</b>	<b>y[1]</b> affected chromosome: I yellow colour body origin/donor: Bloomington stock center #169
15	<b>yellow,white</b>	<b>y[1],w[1118]</b> affected chromosome: I white eye and yellow colour body. Obtained by recombination after crossing <i>y[1]</i> and <i>w[1118]</i> strains origin/donor: Padova, Dep. of Biology
16	<b>Antennapedia</b>	<b>In(3R)Antp[73b], Ki[1] pb[4] Antp[73b] sas[Antp73b] ss[a]/TM3, Sb[1]</b> affected chromosome: III antenna develops as legs, short bristles origin/donor: Bloomington stock center #2111

17	<b><i>sine oculis</i></b>	<b><i>so[1]</i></b> affected chromosome: II eyes and ocelli don't develop, few ommatidia can be present origin/donor: Bloomington stock center #401
18	<b><i>vestigial</i></b>	<b><i>vg[1]</i></b> affected chromosome: II wings don't completely develop origin/donor: Bloomington stock center #432, selected after cross with OR-R strain

### Clock Mutants

facility code number	short name	full name and description
101	<b><i>tim</i><sup>01</sup></b>	<b><i>tim[01]</i></b> affected chromosome: II origin/donor: University of <i>Regensburg</i> , Institute of Zoology (C. Helfrich-Förster, 2006)
102	<b><i>per</i><sup>01</sup>,<i>w</i>;<i>tim</i><sup>01</sup></b>	<b><i>per[01],w;tim[01]</i></b> affected chromosome: I;II origin/donor: University of <i>Regensburg</i> , Institute of Zoology (C. Helfrich-Förster, 2006)
103	<b><i>per</i><sup>01</sup>,<i>w</i></b>	<b><i>per[01],w</i></b> affected chromosome: I origin/donor: University of <i>Regensburg</i> , Institute of Zoology (C. Helfrich-Förster, 2006)
104	<b><i>per</i><sup>01</sup></b>	<b><i>per[01]</i></b> affected chromosome: I origin/donor: Padova, Dep. of Biology
105	<b><i>per</i><sup>01</sup> (CS)</b>	<b><i>per[01] Cantonized</i></b> affected chromosome: I origin/donor: Leicester, Dep. of Genetics and Genome Biology (CP Kyriacou)
106	<b><i>per</i><sup>L</sup></b>	<b><i>per[L]</i></b> affected chromosome: I origin/donor: Padova, Dep. of Biology
107	<b><i>per</i><sup>L</sup> (CS)</b>	<b><i>per[L] Cantonized</i></b> affected chromosome: I origin/donor: Leicester, Dep. of Genetics and Genome Biology (CP Kyriacou)

108	<b>per<sup>S</sup></b>	<b><i>per[S]</i></b> affected chromosome: I origin/donor: Padova, Dep. of Biology
109	<b>cry<sup>01</sup></b>	<b><i>cry[01]</i></b> affected chromosome: III origin/donor: Brandeis University (J. Hall and J. Dolezel)
110	<b>pdf<sup>01</sup></b>	<b><i>pdf[01]</i></b> affected chromosome: III origin/donor: Padova, Dep. of Biology
125	<b>cyc<sup>01</sup>;ry<sup>506</sup></b>	<b><i>cyc[01];ry[506]</i></b> affected chromosome: II;III origin/donor: University of Würzburg - Dep. Neurobiology and Genetics (Charlotte Förster)
126	<b>w;CyO/noc[<i>Sco</i>];clk<sup>out</sup></b>	<b><i>w;CyO/noc[Sco];clk[out]</i></b> affected chromosome: II;III origin/donor: University of Würzburg - Dep. Neurobiology and Genetics (Charlotte Förster)
100	<b>clk<sup>jrk</sup></b>	<b><i>clk[jrk]</i></b> affected chromosome: III origin/donor: Padova, Dep. of Biology
127	<b>clk<sup>jrk</sup> (Hu)</b>	<b><i>Clk[jrk] (Houtenized)</i></b> affected chromosome: III origin/donor: University of Würzburg - Dep. Neurobiology and Genetics (Charlotte Förster)
128	<b>w;;clk<sup>ar</sup></b>	<b><i>w;;clk[ar]</i></b> affected chromosome: III origin/donor: University of Würzburg - Dep. Neurobiology and Genetics (Charlotte Förster), from M. Rosbash, possibly yw

## Neuronal Mutants

facility code number	short name	full name and description
88	shibire	<b>w[1118], shi[1]</b> affected chromosome: I A temperature-sensitive dynamin (shibire) allele. Shows adult and larval paralysis at 29 degrees C. origin/donor: Bloomington stock center #7068
87	pale <sup>4</sup> /TM3,sb,e	<b>ple[4] st[1] e[1]/TM3, Sb[1]</b> affected chromosome: III <i>pale (ple)</i> encodes a tyrosine hydroxylase, the first and rate-limiting step in the synthesis of dopamine (and eventually, melanin). <i>Ple[4]</i> is a loss of function allele origin/donor: Bloomington stock center #3279
111	DJ/ $\alpha^{\Delta 72}$ ;DJ/ $\beta^{\Delta 93}$	<b>w[1118]; DJ-1<math>\alpha</math>[<math>\Delta 72</math>]; DJ-1<math>\beta</math>[<math>\Delta 93</math>]</b> affected chromosome: (I);II;III null mutant of DJ-1 $\alpha$ and DJ-1 $\beta$ genes.Used to study Parkinson's disease and early-onset Parkinson's disease. origin/donor: Bloomington stock center #33602
112	DJ/ $\alpha^{\Delta 72}$	<b>w[1118]; DJ-1<math>\alpha</math>[<math>\Delta 72</math>]</b> affected chromosome: I;II null mutant of DJ-1 $\alpha$ gene.Used to study Parkinson's disease and early-onset Parkinson's disease. origin/donor: Bloomington stock center #33600
113	DJ/ $\beta^{\Delta 93}$	<b>w[1118]; DJ-1<math>\beta</math>[<math>\Delta 93</math>]</b> affected chromosome: I;;III null mutant of DJ-1 $\beta$ gene. Used to study Parkinson's disease and early-onset Parkinson's disease. origin/donor: Bloomington stock center #33601

65	UAS_siRNA TBPH	<b><i>y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.HMS01932}attP40</i></b> affected chromosome: (I);II Expresses dsRNA for RNAi of TBPH (FBgn0025790) under UAS control in the VALIUM20 vector. origin/donor: Bloomington stock center #39014
166	GMR-hid	<b><i>w; GMR-hid</i></b> w; GMR-hid strain (Bergmann et al., 1998) expresses the apoptosis gene hid under control of a glass-multimer-response (GMR) element. This multimer of a GLASS-binding site present in the Rh1 promoter is much more active in the eye disk than in other GLASS-expressing cells origin/donor: Institut de Neurobiologie Alfred Fessard, Centre National de la Recherche Scientifique, Gif-sur-Yvette, France ( François Rouyer)

## Balancers

facility code number	short name	full name and description
19	<b>FM7i</b>	<b><i>FM7i/C(1)DX,y[1]f[1]</i></b> affected chromosome: I males carrying white and Bar eye are to be used origin/donor: Bloomington stock center #5263
20	<b>FM7a</b>	<b><i>FM7a/FM7a</i></b> affected chromosome: I obtained from strain BL 6920 –non Bar males and females have to be periodically eliminated origin/donor: Padova, Dep. of Biology
21	<b>w;CyO/Sco</b>	<b><i>w[1118];CyO/sna[Sco]</i></b> affected chromosome: (I);II obtained by crossing <i>w;CyO/Sco;MKRS/TM6b</i> strain with <i>w[1118]</i> strain origin/donor: Padova, Dep. of Biology
22	<b>w;L[2]Pin[1]/CyO</b>	<b><i>w[1118];L[2]Pin[1]/CyO</i></b> affected chromosome: (I);II obtained by crossing " <i>CyO-GFP</i> " strain with <i>w[1118]</i> strain origin/donor: Padova, Dep. of Biology

23	<b>w;;MKRS/TM6b</b>	<b>w[1118];;MKRS/TM6b,Tb,Hu,e</b> affected chromosome: (I);III obtained by crossing <i>w;CyO/Sco;MKRS/TM6b</i> strain with <i>w[1118]</i> strain origin/donor: Padova, Dep. of Biology
24	<b>TM6b/TM3</b>	<b>w[1118];;TM6b,Hu/TM3,Sb</b> affected chromosome: (I);III obtained by crossing X307 (BL 6783) and X313 (BL 6784) CAKI strains origin/donor: Padova, Dep. of Biology
26	<b>Fm7a;CyO/Sco</b>	<b>FM7a/FM7a;CyO/sna[ScO]</b> affected chromosome: I;II obtained by crossing <i>FM7a</i> strain with <i>w;CyO/Sco</i> strain. Non Bar males and females have to be periodically eliminated origin/donor: Padova, Dep. of Biology
27	<b>w;CyO/Sco;MKRS/TM6b</b>	<b>w[1118]/Dp(1;Y)y[+]; CyO/nub[1] b[1] sna[ScO] lt[1] stw[3]; MKRS/TM6B, Tb[1],Hu</b> affected chromosome: (I);II;III origin/donor: Bloomington stock center #3703
25	<b>FM7/Let; CyO/Gla</b>	<b>y[1] w[*] Marf[B] P{neoFRT}19A/FM7c,Kr-Gal4 UAS-GFP; Gla/CyO, Kr-Gal4, UAS-GFP</b> affected chromosome: I;II GFP associated to first and second chromosomes balancers origin/donor: Cambridge, MRC Mithochondrial Biology Unit (Alex Whitworth), now available at Bloomington stock center #67154
28	<b>w;L[2]Pin[1]/CyO,Kr-GAL4, UAS-GFP</b>	<b>w[*]; L[2] Pin[1]/CyO, P{w[+mC]=GAL4-Kr.C}DC3, P{w[+mC]=UAS-GFP.S65T}DC7</b> affected chromosome: (I);II GFP associated to second chromosome balancer origin/donor: Bloomington stock center #5194
29	<b>yw;Dgl[3]/TM3,Kr-Gal4, UAS-GFP,Sb</b>	<b>y[1] w[*]; D[*] gl[3]/TM3, P{w[+mC]=GAL4-Kr.C}DC2, P{w[+mC]=UAS-GFP.S65T}DC10, Sb[1]</b> affected chromosome: (I);III GFP associated to third chromosome balancer origin/donor: Bloomington stock center #5195



## GAL4 drivers

facility code number	short name	full name and description
51	<b>yw;;Tub-GAL4/TM3,Sb</b>	<b>yw*;;P{TubP-GAL4.w}/TM3,Sb</b> affected chromosome: (I);;III Ubiquitous GAL4 expression origin/donor: Leicester, Dep. of Genetics and Genome Biology (CP Kyriacou)
52	<b>yw;;Act-5c-GAL4/TM6b</b>	<b>y[1] w[*]; P{w[+mC]=Act5C-GAL4}17bFO1/TM6B, Tb[1]</b> affected chromosome: (I);;III Expresses GAL4 ubiquitously under control of Act5C promoter origin/donor: Bloomington stock center #3954
53	<b>Act-5c-GAL4/CyO;MKRS/TM6b</b>	<b>y[1] w[*]; P{w[+mC]=Act5C-GAL4}25FO1/CyO, y[+];MKRS,Sb/TM6b,Tb,Hu</b> affected chromosome: (I);II;(III) Expresses GAL4 ubiquitously under control of Act5C promoter, third chromosome balanced. Obtained with crosses between BL #4414 and BL #3703 strains origin/donor: Padova, Dep. of Biology
54	<b>da-GAL4</b>	<b>w* ; P{da-GAL4.w-}3</b> affected chromosome: (I);;III Ubiquitous GAL4 expression origin/donor: Bloomington stock center #8641 - no longer present in Bloomington collection
55	<b>how24b-GAL4</b>	<b>w[*]; P{w[+mW.hs]=GawB}how[24B]</b> affected chromosome: (I);;III Expresses GAL4 in mesoderm and in muscle cells at all stages origin/donor: Bloomington stock center #1767
43	<b>Mhc-RFP, Mhc-GAL4/SM6b</b>	<b>w[*]; P{w[+mC]=Mhc-RFP.F3-580}2, P{w[+mC]=Mhc-GAL4.F3-580}2/SM6b</b> affected chromosome: (I);II Expresses GAL4 and RFP in muscles under control of the Myosin heavy chain promoter. origin/donor: Bloomington stock center #38464
44	<b>Mef2-GAL4</b>	<b>y[1] w[*]; P{w[+mC]=GAL4-Mef2.R}3</b> affected chromosome: (I);III Expresses GAL4 in muscle cells. origin/donor: Bloomington stock center #27390

31	<b>Elav(C155)GAL4</b>	<b><i>P{w[+mW.hs]=GawB}elav[C155]</i></b> affected chromosome: I Expresses GAL4 in neurons under elav control. Expression begins in the embryonic nervous system at stage 12. origin/donor: Bloomington stock center #458
86	<b>elav(C155)GAL4, UAS-nSyb-EGFP/FM7a</b>	<b><i>P{w[+mW.hs]=GawB}elav[C155], P{w[+mC]=UAS-nSyb.eGFP}1, w[*]/FM7a</i></b> affected chromosome: I Expresses GAL4 in neurons under elav control. Expresses GFP-tagged nSyb under the control of UAS. May be used to label synaptic vesicles. FM7a/FM7a females (white and Bar eyes) should be periodically eliminates origin/donor: Bloomington stock center #6920
515	<b>insc-GAL4</b>	<b><i>w[*]; P{w[+mW.hs]=GawB}insc[Mz1407]</i></b> affected chromosome: (I);II Expresses GAL4 in all nerve cells. origin/donor: Bloomington stock center #8751
520	<b>52Y-GAL4</b>	<b><i>w* ; P{GawB}52Y</i></b> affected chromosome: (I);III Gal4 expressed in central complex origin/donor: J.D. Armstrong, University of Edinburgh (Edinburgh, Scotland, UK)
46	<b>w;GMR-GAL4</b>	<b><i>w;GMR-GAL4/[CyO]</i></b> affected chromosome: (I);II Expresses GAL4 behind the furrow in the developing eye under the control of GMR. origin/donor: Institut de Neurobiologie Alfred Fessard, Centre National de la Recherche Scientifique, Gif-sur-Yvette, France ( François Rouyer)
42	<b>w;;A8C-GAL4</b>	<b><i>w[*]; P{w[+mW.hs]=GawB}A8C</i></b> affected chromosome: (I);III Expresses GAL4 in glia, glial precursor cells, lamina precursor cells and lamina neurons. origin/donor: Bloomington stock center #35543
30	<b>Cha-GAL4</b>	<b><i>w[*]; P{w[+mC]=ChAT-GAL4.7.4}19B P{w[+mC]=UAS-GFP.S65T}Myo31DF[T2]</i></b> affected chromosome: (I);II Expresses GAL4 specifically in cholinergic neurons under the control of sequences upstream of ChAT and VAcHT. Expresses GFP.S65T under the control of UAS. origin/donor: Bloomington stock center #6793

33	<b>yw;;D42-GAL4</b>	<b>w[*]; P{w[+mW.hs]=GawB}D42</b> affected chromosome: (I);III Expresses GAL4 in motor neurons. origin/donor: Bloomington stock center #8816
34	<b>T1-GAL4</b>	<b>y[*] w[*] P{w[+mW.hs]=GawB}CG14200[NP1086] / FM7c</b> affected chromosome: I Expresses GAL4 in T1 neurons. origin/donor: Kyoto Stock Center #103879 (NP1086)
35	<b>C232-GAL4</b>	<b>w*; P{GawB}Alp4c232</b> affected chromosome: (I);III Expresses GAL4 in ring neurons, Malpighian tubules, large field neurons & ellipsoid body. origin/donor: Bloomington stock center #30828
36	<b>TH-Gal4</b>	<b>w[*]; P{w[+mC]=ple-GAL4.F}3</b> affected chromosome: (I);III Expresses GAL4 in dopaminergic cells. origin/donor: Bloomington stock center #8848
48	<b>neuroblast-GAL4</b>	<b>w[*]; P{w[+mW.hs]=GawB}{(3)31-1[31-1]/TM6C, Sb[1] Tb[1]}</b> affected chromosome: (I);III GAL4 expressed in neuroblasts and neurons. origin/donor: Bloomington stock center #5820
49	<b>w;C929-GAL4</b>	<b>w[*]; P{w[+mW.hs]=GawB}dimm[929] crc[929]</b> affected chromosome: (I);II Expresses GAL4 in peptidergic cells. Reflects expression of dimm gene. origin/donor: Institut de Neurobiologie Alfred Fessard, Centre National de la Recherche Scientifique, Gif-sur-Yvette, France ( François Rouyer). Now available at Bloomington stock center #25373
50	<b>w;;repo-GAL4/TM3,sb</b>	<b>w[1118]; P{w[+m*]=GAL4}repo/TM3, Sb[1]</b> affected chromosome: (I);III Expresses GAL4 in glia. origin/donor: Bloomington stock center #7415
40	<b>pdf-GAL4</b>	<b>P{w[+mC]=Pdf-GAL4.P2.4}X, y[1] w[*]</b> affected chromosome: I Expresses GAL4 in ventrolateral neurons of the brain and a small number of cells in the CNS under the control of Pdf. origin/donor: Institut de Neurobiologie Alfred Fessard, Centre National de la Recherche Scientifique, Gif-sur-Yvette, France ( François Rouyer). Now available at Bloomington Stock center #6899

513	<b>c772-GAL4/CyO</b>	<b>w[*]; P{w[+mW.hs]=GawB}c747/CyO</b> affected chromosome: (I);II GAL4 expressed in mushroom body, thoracic ganglion and wing and leg discs. origin/donor: Bloomington stock center #6494
517	<b>201y-GAL4</b>	<b>w[1118]; P{w[+mW.hs]=GawB}Tab2[201Y]</b> affected chromosome: (I);II GAL4 expressed primarily in mushroom body. origin/donor: Bloomington stock center #4440
518	<b>OK107-GAL4</b>	<b>w[*]; P{w[+mW.hs]=GawB}OK107 ey[OK107]/In(4)ci[D], ci[D] pan[ciD] sv[spa-pol]</b> affected chromosome: (I);IV GAL4 expressed in mushroom bodies. origin/donor: Bloomington stock center #854
38	<b>yw;tim-GAL4</b>	<b>y[1] w[*]; P{w[+mC]=GAL4-tim.E}62</b> affected chromosome: (I);II Expresses GAL4 in the circadian rhythm pattern of the timeless gene. origin/donor: Bloomington stock center #7126
39	<b>w;tim (UAS)-GAL4</b>	<b>w[1118]; P{w[+mC]=UAS-tim-GAL4}2</b> affected chromosome: (I);II A tim promoter regulates GAL4 driver expression. Five UAS sites are inserted 333bp upstream of the putative transcription start site. origin/donor: Julius Maximilian University of Würzburg (Charlotte Helfrich-Förster) - actually available in Bloomington stock center #80941
57 59	<b>w;cry-GAL4-39</b> <b>w;cry-GAL4-19</b>	<b>w;P{cry-GAL4.E}39</b> <b>w;P{cry-GAL4.E}19</b> Insertions derived from the published cry-gal4 line, which revealed only the adult LNvs and probably the LNds (Emery et al., 2000 Neuron 26: 493-504). The new insertions were produced by P-element jumping. Expression of a cry-gal4 transgene is reported in the small LNvs (s-LNvs) and large LNvs (l-LNvs), and in all of the LNds. Coexpression of PER and cry-gal4 is evident in the two DN2s in most of the DN1s, and in ~25% of the DN3s (Klarsfeld et al., 2004 J Neurosci. 24(6): 1468–1477) origin/donor: Institut de Neurobiologie Alfred Fessard, Centre National de la Recherche Scientifique, Gif-sur-Yvette, France ( François Rouyer).

58	<b>yw;per-Gal4 - 2</b>	<p><b>y1 w*; P{GAL4-per.BS}2</b>  affected chromosome: (I);II  Expresses GAL4in the circadian rhythm pattern of the period gene(Kaneko <i>et al.</i> 2000. <i>J.Neurol.</i> 43, 207-233).  origin/donor: Institut de Neurobiologie Alfred Fessard, Centre National de la Recherche Scientifique, Gif-sur-Yvette, France ( François Rouyer)</p>
41	<b>yw;per1b-Gal4</b>	<p><b>y1 w*; P{GAL4-per.BS}1b</b>  affected chromosome: (I);II  Expresses GAL4in the circadian rhythm pattern of the period gene, but it leads to marker-gene expression in ectopic locations in the larvae (Kaneko <i>et al.</i> 2000. <i>J.Neurol.</i> 43, 207-233).  origin/donor: Institut de Neurobiologie Alfred Fessard, Centre National de la Recherche Scientifique, Gif-sur-Yvette, France ( François Rouyer)</p>

## GAL80 drivers

facility code number	short name	full name and description
62	<b>w;tubG80[ts];TM2/TM6b,Tb</b>	<b>w[*]; P{w[+mC]=tubP-GAL80[ts]}10; TM2/TM6B, Tb[1]</b> affected chromosome: (I);II;(III) Expresses temperature-sensitive GAL80 under the control of the alphaTub84B promoter. Restrictive temp is 30 degrees C. origin/donor: Bloomington stock center #7108
60	<b>w;CyO/Sco;cry-GAL80/TM6b</b>	<b>w[1118];CyO/sna[Sco]; cry-Gal80[2e3m]/TM6B, D[3]</b> affected chromosome: (I);(II);III GAL80 expressed in light-sensing neurons in adult brain. origin/donor: Neurobiology and Genetics, Theodor-Boveri Institute, Biocenter, University of Würzburg, Germany, Charlotte Helfrich-Förster, previously gift by Michael Rosbash.
61	<b>yw;pdf-GAL80/CyO</b>	<b>yw; pdf-GAL80[96A]/CyO</b> affected chromosome: (I);II pdf-Gal80 line 96A contains two insertions and completely abolishes pdf-Gal4-driven expression in the PDF-positive Lnv <sub>sda</sub> . origin/donor: Institut de Neurobiologie Alfred Fessard, Centre National de la Recherche Scientifique, Gif-sur-Yvette, France ( François Rouyer) previously gift by Michael Rosbash.

## UAS constructs

facility code number	short name	full name and description
350	<b>yw;UAS-CD8-GFP</b>	<b>y[1] w[*]; P{w[+mC]=UAS-mCD8::GFP.L}LL5, P{UAS-mCD8::GFP.L}2</b> affected chromosome: (I);II Expresses CD8-tagged GFP under the control of UAS. GFP is targeted to the cell membrane. origin/donor: Bloomington stock center #5137
351	<b>w;;UAS-nls-GFP</b>	<b>w[1118]; P{w[+mC]=UAS-GFP.nls}8</b> affected chromosome: (I);III Expresses nucleus-localized GFP under the control of UAS. origin/donor: Bloomington stock center #4776
86	<b>elav(C155)GAL4, UAS-nSyb-EGFP/FM7a</b>	<b>P{w[+mW.hs]=GawB}elav[C155], P{w[+mC]=UAS-nSyb.eGFP}1, w[*]/FM7a</b> affected chromosome: I Expresses GAL4 in neurons under elav control. Expresses GFP-tagged nSyb under the control of UAS. May be used to label synaptic vesicles. origin/donor: Bloomington stock center #6920
360	<b>w;UAS-LACZ</b>	<b>w[1118]; P{w[+mC]=UAS-lacZ.B}Bg4-1-2</b> affected chromosome: (I);II Expresses cytoplasmically localized lacZ under the control of UAS. origin/donor: Bloomington stock center #1776
75	<b>UAS-dicer2;CyO/Sco</b>	<b>P{w[+mC]=UAS-Dcr-2.D}1;CyO/noc[Sco]</b> affected chromosome: I;(II) Expresses Dicer-2 under UAS control, second chromosome balanced. Obtained by crosses from Bloomington stock #24646 origin/donor: Padova, Dep. of Biology
164	<b>UAS-hid,rpr</b>	<b>y[1] v[1], UAS-hid.rpr</b> induces apoptosis origin/donor: University of Massachusset (John R. Nambu)

120	<b>2y 5F/5F</b>	<b><i>w<sup>1118</sup>;P[UAS-yellow-IR]</i></b>
121	<b>2y 7B</b>	<b><i>w<sup>1118</sup>;P[UAS-yellow-IR]</i></b> RNA interference of yellow gene origin/donor: Padova, Dep. of Biology
122	<b>23.4 surf1-IR</b>	<b><i>w<sup>1118</sup>;P[UAS-surf1-IR]</i></b> affected chromosome: (I);II RNA interference of surf1 gene origin/donor: Padova, Dep. of Biology
123	<b>79.1 surf1-IR</b>	<b><i>w<sup>1118</sup>;P[UAS-surf1-IR]</i></b> affected chromosome: (I);III RNA interference of surf1 gene origin/donor: Padova, Dep. of Biology
124	<b>mito-GFP/CyO;79.1 surf1-IR</b>	<b><i>w<sup>1118</sup>;UAS-mito-GFP/CyO;P[UAS-surf1-IR]</i></b> affected chromosome: (I);II;III RNA interference of surf1 gene, GFP tyagged mitochondria. Obtained by crosses from Facility #123 and Bloomington #8442 strains origin/donor: Padova, Dep. of Biology

## Other *Drosophila* species

facility code number	short name	full name and description
300	<b>TNT-simulans</b>	<b><i>TNT - Drosophila simulans</i></b> Pool of various isofemal lines collected in Trento (Italy) on Semptember 2004 origin/donor: Padova, Dep. of Biology
301	<b>REN-simulans</b>	<b><i>REN- Drosophila simulans</i></b> Pool of various isofemal lines collected in Arcavacata di Rende (CS, Italy) on October 2006 origin/donor: Padova, Dep. of Biology