

GAL4 lines

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<http://flystocks.bio.indiana.edu/>

Description	Genotype	Breakpoints	ID	Wb
Expresses GAL4 ubiquitously	y[1] w[1118]; P{w[+mC]=UAS-mCD8::GFP.L}LL6, P{w[+mC]=tubP-GAL4}LL7/TM3, Sb[1]	3	30030	---
Expresses GAL4 ubiquitously under control of Act5C promoter (P{AyGAL4} with the y[+] FRT cassette flipped out); miniwhite marker has been removed	y[1] w[*]; P{Act5C-GAL4-w}E1/CyO	2	25374	---
Expresses GAL4 ubiquitously	w[*]; P{w[+mC]=UASp-GFP.Golgi}1, P{w[+mC]=tubP-GAL4}LL7/TM3, Sb[1]	3	30904	---
Expresses GAL4 in the nervous system	w[*]; P{w[+mC]=GAL4-elav.L}3*	3	8760	Wb-
Expresses GAL4 in the nervous system	P{w[+mC]=GAL4-elav.L}2/CyO	2	8765	Wb-
Expresses GAL4 exclusively in the nervous system (glia).	w[*]; P{w[+mC]=nrv2-GAL4.S}8 P{w[+mC]=UAS-GFP.S65T}eg[T10]	78F3	6794	Wb+
Expresses GAL4 pan-neuronally under the control of n-syb	w[1118]; Pin[1]/CyO; P{y[+t7.7] w[+mC]=nSyb-GAL4.P}attP2, P{w[+mC]=UAS-mCD8::GFP.L}LL6	3	51944	---
Expresses GAL4 in the neurons under the control of Appl	P{w[+m*]=Appl-GAL4.G1a}1, y[1] w[*]; Mlf[Delta10]/CyO	1	30546	Wb-
Expresses GAL4 in a tsh[+] pattern, UAS drives y[+], P{GawB}md621 is viable, y and w alleles are a guess, G.M.	y[1] w[1118]; P{w[+mW.hs]=GawB}tsh[m d621]/CyO; P{w[+mC]=UAS-y.C}MC1/TM2	40A5	3040	Wb+
Expresses GAL4 in glia.	w[1118]; P{w[+m*]=GAL4}repo/TM3 , Sb[1]	90F9-10	7415	---
Expresses GAL4 in fat body	y[1] w[*]; P{w[+mC]=r4-GAL4}3	3	33832	---
GAL4 expressed specifically in cholinergic neurons, P.S.; homozygous viable, but stock is healthier with balancer, K.M.	w[1118]; P{w[+mC]=Cha-GAL4.7.4}19B/CyO, P{ry[+t7.2]=sevRas1.V12}FK 1	1;2	6798	---
Expresses GAL4 specifically in cholinergic neurons	w[*]; P{w[+mC]=ChAT-GAL4.7.4}19B P{w[+mC]=UAS-GFP.S65T}Myo31DF[T2]	2	6793	---
Expresses GAL4 in dopaminergic and serotonergic neurons, J.H.	w[1118]; P{w[+mC]=Ddc-GAL4.L}4.36	1;3	7009	---
Expresses GAL4 in the pattern of the tyrosine decarboxylase 1 gene.	w[*]; P{w[+mC]=Tdc1-GAL4.C}3/TM3, Ser[1]	3	9312	---

Expresses GAL4 in the pattern of the tyrosine decarboxylase 2 gene.	w[*]; P{w[+mC]=Tdc2-GAL4.C}2	2	9313	---
Expresses GAL4 in the pattern of the tryptophan hydroxylase gene.	w[1118]; P{w[+mC]=Trh-GAL4.long}2	2	38388	---
Expresses GAL4 in the pattern of the tryptophan hydroxylase gene.	w[1118]; P{w[+mC]=Trh-GAL4.long}3	3	38389	---
Expresses GAL4 in the glial cells that produce the glutamate transporter EAAT1. May be segregating TM3, Sb[1], S.B.	w[*]; P{w[+mC]=Eaat1-GAL4.R}2	1;2	8849	---
Expresses GAL4 in many, but not all, glutamatergic neurons of the larva	P{w[+mC]=VGlut-GAL4.D}1, w[*]	1	24635	---
Expresses GAL4 in glutamatergic neurons from embryonic stage 15 to adult.	w[1118]; P{w[+mW.hs]=GawB}VGlut[OK371]	2	26160	---
Expresses GAL4 in GABAergic neurons, H.B. May have w[-] allele on X chromosome. Homozygotes present	P{w[+mC]=Gad1-GAL4.3.098}2/CyO	2	51630	---
Expresses GAL4 in motor neurons. Expresses GFP with a mitochondrial import signal under UAS control, H.B.	w[1118]; P{w[+mW.hs]=GawB}D42, P{w[+mC]=UAS-mito-HA-GFP.AP}3 e[1]/TM6B, Tb[1]	1;3	42737	---
Expresses GAL4 in motor neurons, K.C.	w[*]; P{w[+mW.hs]=GawB}D42	1;3	8816	---
Expresses GAL4 in chordotonal organs vchA, vchB, Ich5 and Ich1, the class III sensory neurons vdaD, v'pda, ldaB, ddaA and ddaF and the dmd1 sensory neuron in the pattern of the nompC gene; may be segregating CyO, P{w[+mC]=Dfd-EYFP}2, S.S.	y[1] w[*]; PBac{y[+mDint2] w[+mC]=nompC-GAL4.P}VK00014; Df(3L)Ly, sens[Ly-1]/TM6C, Sb[1]	1;2;3	36361	---
Expresses GAL4 in class IV larval sensory neurons in the pattern of the TrpA1 gene, S.S.	y[1] w[*]; PBac{y[+mDint2] w[+mC]=TrpA1-GAL4.P}VK00014; Df(3L)Ly, sens[Ly-1]/TM6C, Sb[1]	1;2;3	36362	---
Expresses GAL4 strongly in class IV dendritic arborization neurons and weakly in class III neurons, P.A.	w[*]; P{w[+mC]=ppk-GAL4.G}2	1;2	32078	---
Drives GAL4 expression in multiple dendritic neurons, oenocytes and chordotonal organs	y[1] w[*]; P{w[+mW.hs]=GawB}109(2)80, P{w[+mC]=UAS-mCD8::GFP.L}LL5	2	8768	---
Expresses GAL4 in a subset of dendritic arborization neurons	y[1] w[*]; P{w[+mW.hs]=GawB}477, P{w[+mC]=UAS-mCD8::GFP.L}LL5	2	8746	---
Expresses GAL4 in olfactory sensory neurons of the antenna, L.V.	w[118]; P{w[+mC]=Snmp-VP22-GAL4.5.412}2	1;2	51305	---
Expresses GAL4 in the pattern of the odorant receptor 47b gene	w[*]; P{w[+mC]=Or47b-GAL4.7.467}15.5A	1;2	9983	---

Expresses GAL4 in the pattern of the odorant receptor 47b gene, segregating TM2 (or other Ubx-marked balancer)	w[*]; P{w[+mC]=Or47b-GAL4.7.467}15.6	1;3	9984	---
Expresses GAL4 in the pattern of the odorant receptor 67d gene	P{w[+mC]=Or67d-GAL4.F}57.1, y[1] w[*]	1	9997	---
Expresses GAL4 in the pattern of the odorant receptor 67d gene	w[*]; P{w[+mC]=Or67d-GAL4.F}57.2	1;2	9998	---
Targeted GAL4 knock-in allele; expresses GAL4 in the pattern of the Ir84a gene	w[*]; TI{GAL4}Ir84a[GAL4]	1;3 84D6	41750	---
Expresses GAL4 under control of Tk regulatory sequences. May not fully recapitulate the expression pattern of Tk.	w[1118]; P{w[+mC]=Tk-GAL4.TH}3Ma/TM6B, Tb[1]	1;3	51974	---
Expresses GAL4 under control of Tk regulatory sequences. May not fully recapitulate the expression pattern of Tk.	w[1118]; P{w[+mC]=Tk-GAL4.TH}5Fa	1	51975	---
Expresses GAL4 in the pattern of the fruitless gene, C.P.	w[1118]; P{w[+mW.hs]=GawB}fru[N P0021]	1;3	30027	---
Expresses GAL4 under the control of DNA sequences in or near dsx (FBgn0000504), G.R. See http://flystocks.bio.indiana.edu .	w[1118]; P{y[+t7.7] w[+mC]=GMR39E06-GAL4}attP2	1;3	50051	---
Expresses GAL4 in dorsal circadian pacemaker neurons, P.H.	w[*]; sna[Sco]/CyO; P{w[+mC]=Clk4.1M-GAL4}3/TM6B, Tb[1]	1;2;3	36316	---

* An allele known to be mutant but whose specific identity is unknown is given an asterisk as an allele designation, e.g., w*.