FBrf0089315

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Prof. Dr. Michael Ashburner
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Berlin, July 12th, 1996

Dear Michael,

please find enclosed

1) a diskette with the Dvir gene catalogue as far as I was able to prepare it. Originally, I wrote the file on a PC as a word document (catalog.doc) which you can find also as a pure text file (catalog.txt) for your confenience. As a consequence of the transformation some information was lost, however (indicated by red color on the print outs).
2) a diskette with a file listing all the references for which we could not find matches in the Flybase reference list. The file was written on an Apple computer. Part of them are required to complete the gene catalogue by adding the FBrf numbers (marked by blue color) on the print outs.

I hope that this material is of any use for you.

Best wishes

Horst

additions for genes already existing in the gene catalogue

*a Dvir\ac
*z FBgn0013102
*e acute
*b 6-0.0
*M ac
*p pointed wings
#
*a Dvir\bb
*z FBgn0013103
*e bobbed
*b 1-170.5
*M bb
*x Chino (unpublished observation)
*p in females bristles small, sclerites scaly
#
*a Dvir\br
*z FBgn0013106
*e broad
*b 1-96.0
*x Kikkawa (unpublished observation)
*p wings about 4/5 normal length, slightly broader; crossveins closer together, wing margins
*p scalloped
*M br
#
*a Dvir\exu
*z FBgn 0013077
*c 50 C6,7 (Kress, unpublished observation)
#
Dvir\hb
*z FBgn0013116
*e hunchback
*c 21C
*x FBrf0057925 == Lozovskaya et al., 1993, Chromosoma 102, 253-266
*M hb
#
Dvir\mam
*z FBgn0013119
*e mastermind
*c 59D
*x FBrf0057925 == Lozovskaya et al., 1993, Chromosoma 102, 253-266
*M mam
#
*a Dvir\ro
*z FBgn 013136
*e rough
*b 1-74.9
*x Moses (unpublished observations)
*p small, rough eye; small marginal hairs on wings; female sterile
*M ro
#
*a Dvir\sc

*z FBgn0013139
*e scute
*b 1-3.8
*M sc
*x Metz (unpublished observations)
*p scutellar bristles are missing
#
*a Dvir\si
*z FBgn
*e singed
*b 1-50.0
*M singed
*x FBrf0001262 == Metz et al., 1923. Carnegie Inst. Wash. Publ. 328, 1--94
*c 7C
*x FBrf0057925 == Lozovskaya et al., 1993. Chromosoma 102, 253-266
*p all bristles and hairs twisted and gnarled
#
*a Dvir\su(s)
*c 4D
*x FBrf0057925 == Lozovskaya et al., 1993, Chromosoma 102, 253-266
#
*a Dvir\Lgp-1
*b 1-144.4
*q Recombination frequency between @ap@ and the proximally localized larval glue protein
*q gene @Lgp-1@ is 3% (FBrf 0045117 == Kress, 1986, Naturwissenschaften 73: 180--187).
*q Accordingly, recombination frequency between @ap@ and the proximally localized D.
*q virilis secretion protein genes @vsp-2@ and @vsp-4@ has been reported to be 2.6%
*q (FBrf0045947 == Aimanova et al., 1987, Dros. Inf. Service 66: 3-5). Recombination
*q between the two genes was not observed and their genetic position calculated to be 144.4.
*q Most probably the two genes are identical to the @Lgp-1@ and @Lgp-3@ genes which are
*q about 2kb apart (FBrf0075968 == Lanio et al., 1994. Biochim Biophys Acta 1219, 576-
*q 580).
*c 17A1
*x FBrf == 0068564 == Kress, 1993, Chromosoma 102, 734-742

Catalog.txt

no match in ref. list

does not correspond to catalog.doc

✓ MA 8/96

#
*a Dvir\a
*z FBgn
*e approximated
*b 5-75.5
*x FBrf0001262 == Metz et al., 1923, Carnegie Inst. Wash. Publ. 328: 1--94
*p two crossveins close together
#
*a Dvir\ActA1
*z FBgn
c* 11A
*e actinA1
*M Act5C
*x FBrf == Loukas and Kafatos, 1986. Chromosoma 94, 297--308
#
*a Dvir\ActD1
*z FBgn
c* 38C
*e actinD1
*M Act79B
*x FBrf == Loukas and Kafatos, 1986. Chromosoma 94, 297--308
#
*a Dvir\ActC1
*z FBgn
c* 50C
*e actinC1
*M Act42A
*x FBrf == Loukas and Kafatos, 1986. Chromosoma 94, 297--308
#
*a Dvir\ActC2
*z FBgn
c* 50B
*e actinC2
*M Act57A
*x FBrf == Loukas and Kafatos, 1986. Chromosoma 94, 297--308
#
*a Dvir\ActE1
*z FBgn
c* 27C
*e actinE1
*M Act87E
*x FBrf == Loukas and Kafatos, 1986. Chromosoma 94, 297--308
#
*a Dvir\ActE2
*z FBgn
c* 22D
*e actinE2
*M Act88F
*x FBrf == Loukas and Kafatos, 1986. Chromosoma 94, 297--308
#
*a Dvir\ Ax
*z FBgn
*e Abruptex
*b 1-103.3
*x FBrf == Chino, 1941, Dros Inf. Serv. 14, 44
*p heterozygous female with shortened L veins; wings expanded and thin; few hairs and
*p bristles on head and thorax. Homozygous female and male more extreme
#
*a Dvir\ap
*z FBgn
*e apricot
*b 1-136.0
*c Distal to 17A1. Recombination frequency between @ap@ and the proximally localized
*c larval glue protein gene @Lgp-1@ is 3% (FBrf 0045117 == Kress, 1986,
*c Naturwissenschaften 73: 180--187). This gene is localized in band 17A1 (FBrf0068564
*c == Kress, 1993, Chromosoma 102: 734-742).
*M g
*x FBrf0001836 == Chino, 1929, Jap. J. Genet. 4: 117-131
*p yellowish pink eye
#
*a Dvir\ap(32)
*z FBgn
*e apricot-32
*b 1-136.0
*x Demerec (unpublished observation)
*p darker than ap
#
*a Dvir\ar
*z FBgn
*e abdomen-rotatum
*b 6-0.3
*M ar
*x Demerec (unpublished observation)
*p abdomen rotated
#
*a Dvir\Aw
*z FBgn
*e Abnormal wing
*b 1-1.4
*x Chino (unpublished observation)
*p abnormal flies like supermales of melanogaster; lethal homozygous
#
*a Dvir\B
*z FBgn
*e Branched
*b 5-141.0
*M px
*x Fbrf0001262 == Metz et al., 1923, Carnegie Inst. Wash. Publ. 328:1--94
*p extra veins; not dominant in all crosses
#
*a Dvir\b
*z FBgn
*e broken
*b 2-188.0
*x FBrf0001262 == Metz et al., 1923, Carnegie Inst. Wash. Publ. 328:1--94
*x FBrf == Chino, 1939, Dros. Inf. Serv. 11, 32

*p both crossveins broken or missing
#
*a Dvir\Ba
*z FBgn
*e Baroid
*b 4-63.0
*x FBrf == Chino, 1936, Dros. Inf. Serv. 5, 22
*x FBrf0003578 == Chino, 1936. Japan. J. Genet. 12, 187-210
*p small, rough eyes, homozygous lethal
#
*a Dvir\ba
*z FBgn
*e bat
*b 3-86.2
*x FBrf0001836 == Chino, 1929, Jap. J. Genet. 4: 117-131
*p wings down-curved
#
*a Dvir\Bb
*z FBgn
*e Barb
*b 2-80.0
*x FBrf0002006 == Chino, 1930. Jap. J. Genet. 5, 190--197
*p bristles with knot on tip
#
#
*a Dvir\Bd
*z FBgn
*e Beaded
*b 5-148.5
*x Chino (unpublished observation)
*p wing margins scalloped
#
*a Dvir\Bh
*z FBgn
*e Barish
*b 4-160.0
*x FBrf == Chino, 1940. Dros. Inf. Serv. 13, 62--63
*p eyes narrow and ovoid, rough texture, homozygous lethal
#
*a Dvir\bk
*z FBgn
*e brick
*b 2-248.0
*M ca
*x FBrf0002006 == Chino, 1930. Jap. J. Genet. 5, 190--197
*p pink eye colour
#
*a Dvir\Bl
*z FBgn
*e Bristle
*b 3-30.5
*x FBrf == Chino, 1941. Dros. Inf. Serv. 14, 44
*p wings slightly extended and curved; bristles short and stubby; eyes deformed; homozygous
*p lethal
#
*a Dvir\bl
*z FBgn
*e black
*b 4-195.0?
*M b
*x Chino (unpublished observations)
*p blackish body color
#
*a Dvir\Br
*z FBgn
*e Bar
*b 2-64.5?
*x FBrf0001836 == Chino, 1929 Jap. J. Genet. 4, 117-131
*p eyes narrow; homozygous lethal; associated with In2a
#
*a Dvir\Bx
*z FBgn
*e Beadex
*b 1-94.5
*M Beadex
*x FBrf0001836 == Chino, 1929 Jap. J. Genet.4, 117-131
*p wing margins scalloped
#
*a Dvir\C
*z FBgn
*e Confluent
*b 2-45.0
*M Dl
*x FBrf0001262 == Metz et al., 1923, Carnegie Inst. Wash. Publ. 328, 1--94
*p L2 veins spread at margin ofwing; eyes small, rough
*A Delta (Dl)
*k L veins fused at wing margin; eyes small, rough; homozygous lethal
#
*a Dvir\cv
*z FBgn
*e crossveinless
*b 125.0
*M cv
*x FBrf0001262 == Metz et al., 1923, Carnegie Inst. Wash. Publ. 328, 1--94
*p posterior crossvein missing
*i c
#
*a Dvir\ca
*z FBgn
*e claret
*b 2-216.1
*x FBrf == Chino, 1936. Dros. Inf. Serv. 5,22
*x FBrf0003578 == Chino, 1936. Jap. J. Genet. 12, 187--210
*p eye colour dark, brownish purple
#

*a Dvir\cc
*z FBgn
*e concave
*b 2-214.0
*M cmp
*x FBrf0001262 == Metz et al., 1923. Carnegie Inst. Wash. Publ. 328, 1--94
*p arista hairs curled
#
*a Dvir\cd
*z FBgn
*e cardinal
*b 4-32.2
*x FBrf == Chino, 1937. Dros. Inf. Serv. 7, 74--75
*x FBrf == Chino, 1937. Dros. Inf. Serv. 8, 61
*p vermilion-like eyes
#
*a Dvir\cf
*z FBgn
*e coffee
*b 3-132.8
*x FBrf == Chino, 1939. Dros. Inf. Serv. 11, 32
*p deep, brown eye colour
#
*a Dvir\ch
*z FBgn
*e cherry
*b 1-17.0
*x Metz (unpublished observation)
*p deep, red eye colour
#
*a Dvir\cho
*z FBgn
*e chocolate
*b 2-227.3
*x FBrf == Chino, 1937. Dros. Inf. Serv. 7, 74--75
*x FBrf == Chino, 1937. Dros. Inf. Serv. 8, 61
*p darkish, brown eye colour
#
*a Dvir\Cl
*z FBgn
*e Clipped
*b 4-68.5?
*M dp
*x FBrf0002459, also in FBrf0002458 == Lebedeff, 1933. Am. Nat. 67, 69--70
*p cut off wings
#
*a Dvir\cn
*z FBgn
*e cinnabar
*b 3-9.5
*M scarlet
*x FBrf0001836 == Chino, 1929. Japan. J. Genet. 4, 117--131
*p vermilion-like eyes
#
*a Dvir\ct
*z FBgn
*e cut
*b 1-112.4
*x FBrf0001262 == Metz et al., 1923. Carnegie Inst. Wash. Publ. 328, 1--94
*p short, narrow, notched wings
#
*a Dvir\co
*z FBgn
*e complex
*b 2-178.0
*x FBrf == Chino, 1939. Dros. Inf. Serv. 11, 32
*p extra veins
#
*a Dvir\cu
*z FBgn
*e curved
*b 4-64.0?
*x FBrf0001836 == Chino, 1929. Japan. J. Genet. 4, 117--131
*p wings down-curved
#
*a Dvir\cv-d
*z FBgn
*e crossveinless-d
*b 5-97.0
*x FBrf == Chino, 1937. Dros. Inf. Serv. 7, 74--75
*x FBrf == Chino, 1937. Dros. Inf. Serv. 8, 61
*p anterior and posterior crossveins missing
#
*a Dvir\d
*z FBgn
*e droop
*b 1-150.0
*x FBrf0001262 == Metz et al., 1923. Carnegie Inst. Wash. Publ. 23, 1--94
*p wings troop at tip
#
*a Dvir\dc
*z FBgn
*e dachsoid
*b 5-76.0
*x FBrf0001836 == Chino, 1929. Japan. J. Genet. 4, 117--131
*p rounded wings; tarsus 4 jointed
#
*a Dvir\de
*z FBgn
*e declined
*b 1-34.4
*M wy
*x Demerec (unpublished observation)
*p wavy wings
#
*a Dvir\D-cv

*z FBgn
*e D-crossveinless
*b 5-145.0
*x FBrf0005500 = Chino, 1941. Japan. J. Genet. 17, 185-206
#
*a Dvir\dh
*z FBgn
*e dahlia
*b 3-81.0
*x FBrf = Chino, 1939. Dros. Inf. Serv. 11, 32
*p dark purplish eye colour
#
*a Dvir\Dl
*z FBgn
*e Delta
*b 2-45.0
*M Dl
*x Lebedeff (unpublished information)
*p L veins fused at wing margin; eyes small, rough; homozygous lethal
*A Confluent (C)
*k L2 veins spread at margin of wing; eyes small, rough
#
*a Dvir\dl
*z FBgn
*e dishevelled
*b 3-145.0
*x FBrf = Chino, 1935. Dros. Inf. Serv. 3, 41
*p all hairs irregularly directed
#
*a Dvir\dnc
*z FBgn
*e dunce
*c 13B4
*M dnc
*x FBrf0068564 = Kress, 1993. Chromosoma 102, 734--742
#
*a Dvir\Ds
*z FBgn
*e Dominant-short
*b 1-100.4
*x FBrf0001836 = Chino, 1929. Japan. J. Genet. 4, 117--131
*p distal one-half of L5 obliterated; homozygous lethal
#
*a Dvir\ds
*z FBgn
*e dachsous
*b4-173.0
*M dachsous
*x FBrf0001836 = Chino, 1929. Japan. J. Genet. 4, 117--131
*p rounded wings; crossveins closer together
#
*a Dvir\dt
*z FBgn
*e detached
*b 2-255.0
*x Chino (unpublished observation)
*p longitudinal veins short
#
*a Dvir\dw
*z FBgn
*e dwarfex
*b 1-60.0
*x FBrf = Chino, 1936. Dros. Inf. Serv. 5, 22
*x FBrf0003578 = Chino, 1936. Jap. J. Genet. 12, 187--210
*p body and wings small in size
#
*a Dvir\dy
*z FBgn
*e dusky
*b 1-78-1
*M dusky
*x FBrf0002006 = Chino, 1930. Japan. J. Genet. 5, 190--197
*x FBrf0005500= Chino, 1941. Jap. J. Genet. 17, 185--206
*p wings about 4/5 normal size; dusky colour
#
*a Dvir\eb
*z FBgn
*e ebony
*b 2-83.5
*x FBrf = Chino, 1935. Dros. Inf. Serv. 3, 41
*p very dark body colour
#
*a Dvir\ec
*z FBgn
*e echinus
* b 1-8.7
*M ec
*x FBrf0002006 = Chino, 1930. Japan. J. Genet. 5, 190--197
*p rough eyes
#
*a Dvir\ep
*z FBgn
*e expanded
*b 3-130.5
*x FBrf = Chino, 1937. Dros. Inf. Serv. 8, 61
*p wings broad, extended
#
*a Dvir\es
*z FBgn
*e eosinoid
*b 5-91.4
*M brown
*x FBrf0001836 = Chino, 1929. Japan. J. Genet. 4, 117--131
*c 52C
*x FBrf0029909 = Evgen'ev, 1977. Dros. Inf. Serv. 52, 59--60
*x FBrf0068564 = Kress, 1993. Chromosoma 102, 734--742

*p dark, purplish eye colour
#
*a Dvir\ex
*z FBgn
*e extended
* b 5-103.0
*x FBrf0001836 == Chino, 1929. Japan. J. Genet. 4, 117--131
*p spread wings
#
*a Dvir\f
*z FBgn
*e forked
*b 1-89.0
*M f
*x FBrf0001262 == Metz et al., 1923. Carnegie Inst. Wash. Publ. 23, 1--94
*p bristles twisted and gnarled
#
*a Dvir\ft
*z FBgn
*e fat
*b 5-44.5
*x FBrf == Chino, 1935. Dros. Inf. Serv. 3, 41
*p short, broad wings; tarsal joints shortened
#
*a Dvir\G
*z FBgn
*e Garnet
*b 3-8.0
*M Hn
*x FBrf0001262 == Metz et al., 1923. Carnegie Inst. Wash. Publ. 23, 1--94
*p eyes dark purplish colour
#
*a Dvir\Gl
*z FBgn
*e Glass
*b 5-150.0?
*x FBrf == Chino, 1937. Dros. Inf. Serv. 7, 74--75
*p facets fused; eye colour diluted; small, rough eyes
*A possibly Glued (158.2)
#
*a Dvir\gl
*z FBgn
*e glossy
*b 6-1.0
*x Moses (unpublished observation)
*p small, rough eyes
#
*a Dvir\go
*z FBgn
*e golf
*b 5-176.5
*x Chino (unpublished observation)
*p bristles with knot at tip
#
*a Dvir\Gp
*z FBgn
*e Gap
*b 6-0.4
*x FBrf0002552 == Chino and Kikkawa, 1933. Genetics 18, 111--116
*p L5 obliterated in middle part; homozygous lethal
#
*a Dvir\gp-L2
*z FBgn
*e gap-L2
*b 3-118.5
*x FBrf == Chino, 1937. Dros. Inf. Serv. 8, 61
*p L2 vein gap
#
*a Dvir\h
*z FBgn
*e hunch
*b 3-31
*M ascute
*x FBrf == Chino, 1937. Dros. Inf. Serv. 8, 61
*p hunch-back appearance
#
*a Dvir\hk
*z FBgn
*e hooked
*b 4-62.0
*x Fbrf == Chino, 1937. Dros. Inf. Serv. 8, 61
*p bristles barbed or hooked
#
*a Dvir\ho
*z FBgn
*e hooked-ocellar
*b 1-128.2
*x FBrf001836 == Chino, 1929. Jap. J. Genet. 4, 117--131
*p ocellar bristles hooked
#
*a Dvir\hp
*z FBgn
*e hump
*b 6-0.5
*x FBrf == Chino, 1937. Dros. Inf. Serv. 7, 74--75
*p shortened thorax; dark glossy body colour
#
Dvir\hsp82
*z FBgn
*e heat shock protein 82
*c 33E
*x FBrf0057925 == Lozovskaya et al., 1993, Chromosoma 102, 253-266
*M hsp82
#
*a Dvir\hy
*z FBgn

*e humpy
*b 2-135.5
*x FBrf == Chino, 1937. Dros. Inf. Serv. 8, 61
*p thorax humped and glossy; extra wing veins
#
*a Dvir\i
*z FBgn
*e interrupted
*b 5-95.5?
*x FBrf0001262 == Metz et al., 1923. Carnegie Inst. Wash. Publ. 328, 1--94
*p posterior crossvein broken or missing
#
*a Dvir\in
*z FBgn
*e incomplete
*b 2-45.2
*x FBrf0002006 == Chino 1930, Jap. J. Genet. 5, 190--197
*p L veins, esp. L2, short
#
*a Dvir\ir
*z FBgn
*e irregular
*b 4-198.0
*x FBrf0001836 == Chino, 1929. Japan. J. Genet. 4, 117--131
*p irregular direction of hairs on abdomen and wings
#
*a Dvir\ix
*z FBgn
*e intersex
*b 3-15.5
*x FBrf0002609, also in FBrf0002608 == Lebedeff, 1934. Am Nat. 68, 68--69
*x FBrf0002861 == Lebedeff, 1934. Proc. Natl. Acad. Sci. USA 20, 613--616
*x FBrf == Chino, 1936. Dros. Inf. Serv. 5, 22
*x FBrf0003578 == Chino, 1936. Jap. J. Genet. 12, 187--210
*p produces development of male system in homozygous females; has no effect on males
*i ix(m((intersex-maleness)
*x FBrf0004683 == Lebedeff, 1939. Genetics 24, 553--586
#
*a Dvir\Ix(B(
*z FBindentifie number
*e Intersex-Blanco
*b 2-?
*x FBrf0005849 == Newby, 1942. Univ. Texas Publ. 4228, 113--145
*x FBrf0005850 == Stone, 1942. Univ. Texas Publ. 4228, 146--152
*p produces development of male system in homozygous females; has no effect on males
#
*a Dvir\Lb
*z FBgn
*e Lobster
*b 5-118.0
*x Kikkawa (unpublished observation)
*p wings and abdomen slightly downcurved; homozygous lethal
#
*a Dvir\ll
*z FBgn
*e lanceolate
*b 4-3.9
*x FBrf == Chino, 1935. Dros. Inf. Serv. 3, 41
*p narrow, pointed wings
#
*a Dvir\M
*z FBgn
*b 6-?
*x FBrf0002011 == Demerec, 1930. In: "The Laws of Life", 45--56, Prague
*p increases rate of germinal reversions of @mt-3@ and @mt-5@
#
*a Dvir\M-Ia
*z FBgn
*e Minute-Ia
*b 1-18.0 +/-
*x Kikkawa (unpublished observation)
*p bristles small
#
*a Dvir\M-2a
*z FBgn
*e Minute-2a
*b 2-218.2
*x Kikkawa (unpublished observation)
*p minute bristles
#
*a Dvir\M-2b
*z FBgn
*e Minute-2b
*b 2-220.6
*x Kikkawa (unpublished observation)
*p minute bristles
#
*a Dvir\M-2c
*z FBgn
*e Minute-2c
*b 2-243.5
*x Kikkawa (unpublished observation)
*p minute bristles
#
*a Dvir\M-2d
*z FBgn
*e Minute-2d
*b 2-168.0
*x FBrf == Chino, 1940. 13, 62--63
*p minute bristles; homozygous lethal
#
*a Dvir\M-2e
*z FBgn
*e Minute-2e
*b 2-256.6
*x FBrf == Chino, 1940. 13, 62--63

*p minute bristles; homozygous lethal
#
*a Dvir\M-2f
*z FBgn
*e Minute-2f
*b 2-257.6
*x FBrf = Chino, 1940. 13, 62--63
*p minute bristles; homozygous lethal
#
*a Dvir\M-3c
*z FBgn
*e Minute-3c
*b 3-84.2
*x FBrf = Chino, 1940. 13, 62--63
*p minute bristles; homozygous lethal
#
*a Dvir\M-4a
*z FBgn
*e Minute-4a
*b 4-36.0?
*x Kikkawa (unpublished observation)
*p minute bristles
#
*a Dvir\M-4b
*z FBgn
*e Minute-4b
*b 4-161.0
*x Chino (unpublished observation)
*p minute bristles
#
*a Dvir\M-4c
*z FBgn
*e Minute-4c
*b 4-156.0
*x Chino (unpublished observation)
*p minute bristles
#
*a Dvir\M-4d
*z FBgn
*e Minute-4d
*b 4-22.6
*x Chino (unpublished observation)
*p minute bristles
#
*a Dvir\M-4e
*z FBgn
*e Minute-4eb
* b 4-158.8
*x Kikkawa (unpublished observation)
*p minute bristles
#
*a Dvir\M-4f
*z FBgn
*e Minute-4f
*b 4-22.9
*x FBrf = Chino, 1936. Dros. Inf. Serv. 5, 22
*x FBrf0003578 = Chino, 1936. Japan. J. Genet. 12, 187--210
*p minute bristles
#
*a Dvir\M-4g
*z FBgn
*e Minute-4g
*b 4-82.5
*x FBrf = Chino, 1937. Dros. Inf. Serv. 7, 74--75
*p minute bristles; homozygous lethal
#
*a Dvir\M-4h
*z FBgn
*e Minute-4h
*b 4-165.0
*x FBrf = Chino, 1937. Dros. Inf. Serv. 7, 74--75
*p minute bristles; homozygous lethal
#
*a Dvir\M-4i
*z FBgn
*e Minute-4i
*b 4-25.1
*x FBrf = Chino, 1940. Dros. Inf. Serv. 13, 62--63
*p minute bristles; homozygous lethal; extra veins near tip of L2, L5
#
*a Dvir\M-4j
*z FBgn
*e Minute-4j
*b 4-153.2
*x FBrf = Chino, 1940. Dros. Inf. Serv. 13, 62--63
*p minute bristles; homozygous lethal
#
*a Dvir\M-4k
*z FBgn
*e Minute-4k
*b 4-17.3
*x FBrf = Chino, 1940. Dros. Inf. Serv. 13, 62--63
*p minute bristles; homozygous lethal
#
*a Dvir\M-5a
*z FBgn
*e Minute-5a
*b 5-101.0
*x FBrf = Chino, 1936. Dros. Inf. Serv. 5, 22
*x FBrf0003578 = Chino, 1936. Japan. J. Genet. 12, 187--210
*p minute bristles
#
*a Dvir\M-5b
*z FBgn
*e Minute-5b
*b 5-144.2

*x FBrf = Chino, 1939. Dros. Inf. Serv. 11, 32
*p minute bristles
#
*a Dvir\m
*z FBgn
*e magenta
*b 1-83.5
*M rb
*x FBrf0001262 = Metz et al., 1923. Carnegie Inst. Wash. Publ. 328, 1--94
*p dark purplish eye colour
*A m(a((magenta-alpha)
*x FBrf0001618 = Demerec, 1927. Proc. Natl. Acad. Sci. USA 13, 249-253
*x FBrf0005256 = Demerec, 1941. Cold Spring Harb. Symp. Quant. Biol. 9, 145--150
*k unstable, reverts to normal
#
*a Dvir\mh
*z FBgn
*e mahogany
*b 5-140.4
*x FBrf0002006 = Chino, 1930. Japan. J. Genet. 5, 190--197
*p deep brown eye colour
#
*a Dvir\mi
*z FBgn
*e minus
*b 2-?
*x FBrf0001262 = Metz et al., 1923. Carnegie Inst. Wash. Publ. 328, 1--94
*p one or more thoracic bristles
#
*a Dvir\mo
*z FBgn
*e mottled
*b 2-89.0
*x FBrf = Chino, 1941. Dros. Inf. Serv. 14, 44
*p eye colour red with small dark spots; female sterile
#
*a Dvir\mr
*z FBgn
*e morula
*b 5-?
*x Kikkawa (unpublished observation)
*p rough eye; bristles occasionally missing
#
*a Dvir\Ms
*z FBgn
*e Missing
*b 4-63.0
*x Chino (unpublished observation)
*p bristles and hairs on head and thorax missing; males sterile
#
*a Dvir\mt
*z FBgn
*e miniature
*b 1-78.0
*M miniature
*x FBrf0001512 = Demerec, 1926. Proc. Natl. Acad. Sci. USA 12, 687--690
*p miniature wings very dusky in colour, about 2/3 of normal size
*A mt(2(
*k wings as long as abdomen
*xMoses (unpublished observation)
*A mt(3(
*k unstable, reverts to normal; wings like mt1
*E FBrf0001512 = Demerec, 1926. Proc. Natl. Acad. Sci. USA 12, 687--690
*A mt(3a((miniature(3(-alpha)
*k unstable in both somatic and germinal cells
*x FBrf0001512 = Demerec, 1929. Proc. Natl. Acad. Sci. USA 15, 870--876
*x FBrf0005256 = Demerec, 1941. Cold Spring. Harb. Symp. Quant. Biol. 9, 145--150
*A mt(3b((miniature(3(-beta)
*k stable
*E FBrf0001512 = Demerec, 1929. Proc. Natl. Acad. Sci. USA 15, 870--876
*A mt(3c((miniature(3(-gamma)
*k unstable in soma only
*E FBrf0001512 = Demerec, 1929. Proc.Natl. Acad. Sci. USA 15, 870--876
*A mt(4((miniature(4()
*k wings about4/5 of normal size
*x FBrf0001836 = Chino, 1929. Japan. J. Genet. 4, 117--131
*A mt(5((miniature(5()
*k unstable, reverts to normal; wings like mt(2(
*E FBrf0005256 = Demerec, 1941. Cold Spring Harb. Symp. Quant. Biol. 9, 145--150
*A mt(5a((miniature(5(-alpha)
*k unstable as mt(3a(
*E FBrf0005256 = Demerec, 1941. Cold Spring Harb. Symp. Quant. Biol. 9, 145--150
*A mt(5b((miniature(5(-beta)
*k unstable as mt(3b(
*E FBrf0005256 = Demerec, 1941. Cold Spring Harb. Symp. Quant. Biol. 9, 145--150
*A mt(5c((miniature(5(-gamma)
*k unstable as mt(3c(
*E FBrf0005256 = Demerec, 1941. Cold Spring Harb. Symp. Quant. Biol. 9, 145--150
*A mt(6((miniature(6()
*k wings about ½ normal size
*E FBrf0001836 = Chino, 1929. Japan. J. Genet. 4, 117--131
*A mt(7((miniature(7()
*k wings reduced in size as mt
*x Kikkawa (unpublished observation)
#
*a Dvir\N
*z FBgn
*e Notched
*b 1-102.9
*M N
*x Chino (unpublished observation)
*p tips of wings broken; deficiency involving white locus; homozygous lethal
*c 13B7
*x FBrf0068564 = Kress, 1993. Chromosoma 102, 734--742

#

*a Dvir\N-3a
*z FBgn
*e Notched-3a
* b 3-83.0
*x Chino (unpublished observation)
*p tips of wings broken; homozygous lethal
#
*a Dvir\na
*z FBgn
*e nail
*b 2-35.7
*x FBrf = Chino, 1941. Dros. Inf. Serv. 14, 44
*p all bristles short and hook or barb on tip
#
*a Dvir\nd
*z FBgn
*e needle
*b 1-10.4
*x FBrf = Chino, 1939. Dros. Inf. Serv. 11, 32
*p prickly-like bristle
#
*a Dvir\ne
*z FBgn
*e nebulous
*b 2-227.0
*x Kikkawa (unpublished observation)
*p thin wings with glitter
#
*a Dvir\ni
*z FBgn
*e nick
*b 4-19.7
*x FBrf = Chino, 1940. Dros. Inf. Serv. 13, 62-63
*p tip of wings nicked
#
*a Dvir\norpA
*z FBgn
*e no receptor potential
*c 9C
*x FBrf0000057925 = Lozovskaya et al., 1993. Chromosoma 102, 253-266
*M norpA
#
*a Dvir\p
*z FBgn
*e pink
*b 2-212.5
*x FBrf0001836 = Chino, 1929. Japan. J. Genet. 4, 117--131
*p pink eye
#
*a Dvir\pc
*z FBgn
*e polychaeta
*b 5-113.0
*x FBrf = Chino, 1940. Dros. Inf. Serv. 13, 62--63
*p extra bristles; eyes rough
#
*a Dvir\Pcp
*z FBgn
*e Pupal cuticle protein
*c 49A2
*x FBrf0057925 = Lozovskaya et al., 1993, Chromosoma 102, 253-266
*M Pcp
#
*a Dvir\pe
*z FBgn
*e peach
*b 5-203.0
*x Moses (unpublished observation)
*p yellowish pink eye
#
*a Dvir\Pi
*z FBgn
*e Pincer
*b 2-79.6
*x FBrf = Chino, 1939. Dros. Inf. Serv. 11, 32
*p wings short and bent inside; males more extreme; homozygous lethal
#
*a Dvir\pi
*z FBgn
*e pointed
*b 6-1.0
*x FBrf = Chino, 1941. Dros. Inf. Serv. 14, 44
*p wings narrow and pointed
#
*a Dvir\pk
*z FBgn
*e prickly
*b 5-27.0
*x Chino (unpublished observation)
*p prickle-like bristles
#
*a Dvir\pr-b
*z FBgn
*e prickly-b
*b 5-0.0
*x FBrf = Chino, 1939. Dros. Inf. Serv. 11, 32
*p similar to pk, but not allelic
#
*a Dvir\pm
*z FBgn
*e plum
*b 4-18.7
*x FBrf = Chino, 1937. Dros. Inf. Serv. 7, 74--75
*p eye darkish brown
#
*a Dvir\po

*z FBgn
*e port
*b 5- 151.0
*x FBrf == Chino, 1937. Dros. Inf. Serv. 8, 61
*p eye colour deep pink
#
*a Dvir\ps
*z FBgn
*e persimmon
*b 2-151.5
*x FBrf == Chino, 1935. Dros. Inf. Serv. 3, 41
*p eye colour darkish purple
#
*a Dvir\Pu
*z FBgn
*e Puffed
*b 2-64.5
*x Farrow (unpublished observations)
*p rough, small eyes
#
*a Dvir\pw
*z FBgn
*e pink-wing
*b 5-136.0
*x Chino (unpublished observations)
*p wings shorter; deep pinkish eye colour
#
*a Dvir\px
*z FBgn
*e plexus
*b 4-0.0
*M net
*x FBrf0001836 == Chino, 1929. Japan. J. Genet. 4, 117--131
*p extra wing veins
#
*a Dvir\R
*z FBgn
*e Rounded
*b 2-214.0
*x FBrf0001580 == Demerec, 1928. Int. Kong.Vererb. Supple.Bd. 1, 183--193
*x FBrf0002434 == Lebedeff, 1932. Proc. Natl. Acad. Sci. USA 18, 343--349
*x FBrf == Chino, 1939. Dros. Inf. Serv. 11, 32
*p wings retracted in marginal portion between L3 and L5
#
*a Dvir\r
*z FBgn
*e rugose
*b 1-127.0
*M lozenge
*x FBrf0001262 == Metz et al., 1923. Carnegie Inst. Wash. Publ. 328, 1--94
*p rough, slightly yellowish eye
#
*a Dvir\ra
*z FBgn
*e raspberry
*b 2-223.5
*x FBrf == Chino, 1940. Dros. Inf. Serv. 13, 62--63
*p dark, ruby-like eye colour
#
*a Dvir\rc
*z FBgn
*e reduced
*b 4-176.5
*M reduced
*z Chino (unpublished observations)
*p minute bristles; female sterile
#
*a Dvir\rd
*z FBgn
*e rudimentary
*b 1-122.6
*M rudimentary
*x FBrf0001836 == Chino, 1929. Japan. J. Genet. 4, 117--131
*p small wings
#
*a Dvir\re
*z FBgn
*e red
*b 3-63.0
*x FBrf0001836 == Chino, 1929. Japan. J. Genet. 4, 117--131
*p reddish eye colour
#
*a Dvir\rg
*z FBgn
*e ragged
*b 1-160.0
*M cut
*x FBrf0001836 == Chino, 1929. Japan. J. Genet. 4, 117--131
*p wings notched in margin
#
*a Dvir\rl
*z FBgn
*e rolled
*b 3-0.0
*x FBrf == Chino, 1935. Dros. Inf. Serv. 3, 41
*p wing edges rolled
#
*a Dvir\Rp49
*z FBgn
*e ribosomal protein 49, large subunit
*x FBrf 0057925 == Lozovskaya et al., 1993, Chromosoma 102, 253-266
#
*a Dvir\ro2a
*z FBgn
*e rough 2a
*b 2-230.0

*x FBrf == Chino, 1937. Dros. Inf. Serv. 7, 74--75
*p eyes rough, slightly small in size
#
*a Dvir\ro2b
*z FBgn
*e rough 2b
*b 2-210.0
*x Kikkawa (unpublished observations)
*p eyes small, rough
*k phenotypic data attached to an allele
#
*a Dvir\ro2c
*z FBgn
*e rough 2c
*b 2-231.0
*x FBrf == Chino, 1940. Dros. Inf. Serv. 13, 62--63
*p eyes slightly rough
#
*a Dvir\ro5a
*z FBgn
*e rough 5a
*b 5-145.0
*x FBrf == Chino, 1937. Dros. Inf. Serv. 7, 74--75
*p eyes rough, slightly larger
#
*a Dvir\rr
*z FBgn
*e retracted
*b 2-243.3
*x FBrf == Chino, 1937. Dros. Inf. Serv. 7, 74--75
*p wings short and broad
#
*a Dvir\rs
*z FBgn
*e rose
*b 3-40.5
*x Chino (unpublished observations)
*p purplish, pink eye colour; males sterile
#
*a Dvir\rt
*z FBgn
*e russet
*b 2-162.0
*x FBrf == Chino, 1935. Dros. Inf. Serv. 3, 41
*p dark eye colour
#
*a Dvir\ru
*z FBgn
*e ruffled
*b 5-44.2
*x FBrf0001262 == Metz et al., 1923. Carnegie Inst. Wash. Publ. 328, 1--94
*p dorso-central bristles and hairs are curled
#
*a Dvir\s
*z FBgn
*e short
*b 1-114.0
*x FBrf0001262 == Metz et al, 1923. Carnegie Inst. Wash. Publ. 328, 1--94
*p L5 is obliterated in distal part
#
*a Dvir\S-1
*z FBgn
*b 2-?
*x FBrf0001863 == Demerec, 1929. Proc. Natl. Acad. Sci. USA 15, 834--838
*p increases rate of somatic reversions of mt3 and mt5
*i S1
#
*a Dvir\s-2
*z FBgn
*b 5-?
*x FBrf0001863 == Demerec, 1929. Proc. Natl. Acad. Sci. USA 15, 834--838
*p same as S-1
#
*a Dvir\S-3
*z FBgn
*b 4 or 6-?
*x FBrf0001863 == Demerec, 1929. Proc. Natl. Acad. Sci. USA 15, 834--838
*p same as S-1
#
*a Dvir\S-4
*z FBgn
*b 3 or 5-?
*x FBrf0005256 == Demerec, 1941. Cold Spring Harbor Symp. Quant. Biol. 9, 145--150
*p same as S-1
#
*a Dvir\sa
*z FBgn
*e small wings
*b 4-49.3
*x FBrf == Chino, 1936. Dros. Inf. Serv. 5,22
*x FBrf0003578 == Chino, 1936. Japan. J. Genet. 12, 187--210
*p wings about 80% normal size
#
*a Dvir\sal
*z FBgn
*e salmon
*b 3-19.6
*x FBrf == Chino, 1937. Dros. Inf. Serv. 7, 74--75
*x FBrf == Chino, 1937. Dros. Inf. Serv. 8, 61
*p reddish eye colour
#
*a Dvir\Sb
*z FBgn
*e Stubble
*b 5-44.5
*x FBrf == Chino, 1939. Dros. Inf. Serv. 11, 32

*p bristles cut off; homozygous lethal
#
*a Dvir\sb
*z FBgn
*e small bristles
*b 1-131.5
*M tiny
*x Metz (unpublished observations)
*p bristles and hairs small
#
*a Dvir\Sc
*z FBgn
*e Scutellar
*b 4-27.0
*x Kikkawa (unpublished observations)
*p bristles, esp. scutellar, are missing
#
*a Dvir\se
*z FBgn
*e sepia
*b 1-0.1
*x FBrf0001262 == Metz et al., 1923. Carnegie Inst. Wash. Publ. 328, 1--94
*p dark eye colour
#
*a Dvir\sh
*z FBgn
*e shaggy
*b 5-62.5
*x FBrf0001836 == Chino, 1929. Japan. J. Genet. 4, 117--131
*p hairs on abdomen and tarsus are irregularly directed
#
*a Dvir\sk
*z FBgn
*e spike
*b 4-8.2
*x FBrf == Chino, 1937. Dros. Inf. Serv. 7, 74--75
*p bristles short and stubby
#
*a Dvir\sl
*z FBgn
*e slender
*b 2-183.5
*x Kikkawa (unpublished observations)
*x FBrf == Chino, 1939. Dros. Inf. Serv. 11, 32
*p minute bristles
#
*a Dvir\sl-b
*z FBgn
*e slender-b
*b 2-0.0
*x FBrf0005500 == Chino, 1941. Japan. J. Genet. 17, 185--206
*x FBrf == Chino, 1941. Dros. Inf. Serv. 14, 44
*p similar to sl
#
*a Dvir\sm
*z FB
*e semiplexus
*b 5-174.0
*x FBrf0001836 == Chino, 1929. Japan. J. Genet. 4, 117--131
*p extra veins
#
*a Dvir\sp
*z FBgn
*e spread
*b 3-106.5
*x FBrf0001262 == Metz et al., 1923. Carnegie Inst. Wash. Publ. 328, 1--94
*p spread wings
#
*a Dvir\sq
*z FBgn
*e squat
*b 4-20.3
*x FBrf == Chino, 1936. Dros. Inf. Serv. 5, 22
*x FBrf0003578 == Chino, 1936. Japan. J. Genet. 12, 187-210
*p small, rounded wings; homozygous sterile
#
*a Dvir\ss
*z FBgn
*e spineless
*b 4-40.0
*x FBrf == Chino, 1937. Dros. Inf. Serv. 7, 74--75
*x FBrf == Chino, 1937. Dros. Inf. Serv. 8, 61
*p all bristles short
#
*a Dvir\St
*z FBgn
*e Star
*b 4-84.0
*x Kikkawa (unpublished observations)
*p small, rough eyes; homozygous lethal
#
*a Dvir\st
*z FBgn
*e scarlet
*b 5-67.5
*M cinnabar
*x FBrf0001836 == Chino, 1929. Japan. J. Genet. 4, 117-131
*c 51CD
*x FBrf0029909 == Evgen'ev, 1977. Dros. Inf. Serv. 52, 59--60
*x FBrf0068564 == Kress, 1993. Chromosoma 102, 734--742
*p vermilion-like eyes
#
*a Dvir\sv
*z FBgn
*e short veins
*b 3-24.5

*M veinlet
*x Raleigh (unpublished observations)
*p all veins except L1 are short
#
*a Dvir\Sv-5
*z FBgn
*e Short vein 5th
*b 5-127.5
*x Raleigh (unpublished observations)
*p L5 short
#
*a Dvir\sw
*z FBgn
*e straw
*b 5-147.0
*M straw
*x Chino (unpublished observations)
*p yellowish body colour
#
*a Dvir\sy
*z FBgn
*e stubby
*b 6-0.8
*M shaven
*x FBrf0002552 == Chino and Kikkawa, 1933. Genetics 18, 111--116
*p Stubble-like bristles
#
*a Dvir\T
*z FBgn
*e Triangle
*b 1-104.5
*x FBrf0001262 == Metz et al., 1923. Carnegie Inst. Wash. Publ. 328, 1--94
*p veins thickened and knotted
#
*a Dvir\t
*z FBgn
*e telescoped
*b 3-57.5
*x FBrf0001262 == Metz et al., 1923. Carnegie Inst. Wash. Publ. 328, 1--94
*p shortened thorax; small eyes
#
*a Dvir\tb
*z FBgn
*e tiny bristles
*b 3-104.0
*x Chino (unpublished observations)
*p minute bristles
#
*a Dvir\v
*z FBgn
*e vermilion
*b 1-25.5
*M vermilion
*x FBrf0001262 == Metz et al., 1923. Carnegie Inst. Wash. Publ. 328, 1--
*p bright eye colour
#
*a Dvir\va
*z FBgn
*e varnished
*b 2-231.5
*M glass
*x FBrf == Chino, 1939. Dros. Inf. Serv. 11, 32
*p small rough eye with reddish colour
#
*a Dvir\vg
*z FBgn
*e vestigial
*b 5-131.0
*M vestigial
*x Chino (unpublished observations)
*p wings and balancers reduced to vestiges
#
*a Dvir\ve
*z FBgn
*e veinlet
*b 4-81.7
*x FBrf == Chino, 1936. Dros. Inf. Serv. 5, 22
*x FBrf0003578 == Chino, 1936. Japan. J. Genet. 12, 187--210
*p L2, 4 and 5 wing veins short
#
*a Dvir\vl
*z FBgn
*e vestigial-like
*b 4-116.0?
*x FBrf0001836 == Chino, 1929. Japan. J. Genet. 4, 117--131
*p rudimentary wings
#
*a Dvir\vs
*z FBgn
*e vesiculated
*b 1-27.0
*M vesiculated
*x FBrf0001262 == Metz et al., 1923. Carnegie Inst. Wash. Publ. 328, 1--94
*p vesicles in wings
#
*a Dvir\w
*z FBgn
*e white
*b 1-105.0
*M w
*x Weinstein (unpublished observations)
*c 13C1
*x FBrf0057925 == Lozovskaya et al., 1993. Chromosoma 102, 253-266
*x FBrf0068564 == Kress, 1993. Chromosoma 102, 734-742
*p white eye colour
#

*a Dvir\we
*z FBgn
*e wee
*b 1-72.0
*x FBrf == Chino, 1940. Dros. Inf. Serv. 13, 62--63
*p wings thin, short and narrow
#
*a Dvir\y
*z FBgn
*e yellow
*b 1-2.9
*M yellow
*x FBrf0001262 == Metz et al., 1923. Carnegie Inst. Wash. Publ. 328, 1--94
*c 1D
*x FBrf0057925 == Lozovskaya et al., 1993. Chromosoma 102, 253-266
*p yellow body colour; hairs and bristles gay
#
*a Dvir\yre-a
*z FBgn
*e reddish-alpha
*x FBrf0001699 == Demerec, 1928. Genetics 13, 359-388
*x FBrf0005256 == Demerec, 1941. Cold Spring Harb. Symp. Quant. Biol. 9, 145--150
*p unstable; reverts to normal in heterozygous females. Body and hairs and bristles more
*p yellowish than @y@
#
*a Dvir\yre-1
*z FBgn
*e reddish-1
*x FBrf0001699 == Demerec, 1928. Genetics 13, 359-388
*x FBrf0005256 == Demerec, 1941. Cold Spring Harb. Symp. Quant. Biol. 9, 145--150
*p stable; colour like @yre-a@
#
*a Dvir\Yh
*z FBgn
*e Yellowish
*b 4-115.0
*x FBrf == Chino, 1940. Dros. Inf. Serv. 13, 62--63
*p pale yellowish body colour; tip of bristles colourless; homozygous lethal
#

Title : Interspecific gene variability in the virilis species group.
Authors : Alexan M.L.
Lea, R.B.
Stone, W.S.
Year : 1952
Volume : 5204
Pages : 106-113
Languages : English
Issue :
Journal : Univ Texas Publ
FlyBase _ID :
Also In :

No Matches
in Flybase
✓ 8/96

Title : The proportion of exceptions in the offspring of exceptional females from X-ray treatment in Drosophila.
Authors : Anderson, E.G.
Year : 1925
Volume : 5
Pages : 355-366
Languages : English
Issue :
Journal : Michigan Acad. Sci. Arts and Letters
FlyBase _ID :
Also In :

Title : The production of non-disjunction by X-rays in Drosophila virilis.
Authors : Arai, Y.
Year : 1930
Volume : 6
Pages : 178-179
Languages : English
Issue :
Journal : Jpn J Genet
FlyBase _ID :
Also In :

Title : Evidence on the chromosome distance over which V-type position effects may act.
Authors : Baker, W.K.
Year : 1983
Volume : 38
Pages : 655-656
Languages : English
Issue :
Journal : Genetics
FlyBase _ID :
Also In :

Title : Position effects of a gene normally located in heterochromatin.
Authors : Baker, W.K.
Year : 1982
Volume : 37
Pages : 564
Languages : English
Issue :
Journal : Genetics
FlyBase _ID :
Also In :

Title : Cytological and Genetic Basis of Sex. Sex and Internal Secretion, Chpt. III
Authors : Bridges, C.B.
Year : 1932
Volume :
Pages : 55-93
Languages : English
Issue :
Journal : Monograph
FlyBase _ID :
Also In :

Title : The Mutants of Drosophila melanogaster
Authors : Bridges, C.B.
Brehme, K.S.
Year : 1944
Volume : 552
Pages : 257 pp.
Languages : English
Issue :
Journal : Carnegie Inst. Wash. Publ., Washington, D.C.
FlyBase _ID :
Also In :

Title : The second chromosome group of mutant characters.
Authors : Bridges, C.B.
Morgan, T.H.
Year : 1919
Volume : 278
Pages : 188-197
Languages : English
Issue :
Journal : Carnegie Inst. Wash. Publ.
FlyBase _ID :
Also In :

Title : Drosophila virilis, legends for symbols, mutants, valuation.
Authors : Chino, M.
Kikkawa, H.
Lebedeff, G.A.
Year : 1934
Volume : 2
Pages : 37-44
Languages : English
Issue :
Journal : DIS
FlyBase _ID :
Also In :

Title : Drosophila virilis, report of new mutations.
Authors : Chino, M.
Year : 1935
Volume : 3
Pages : 41
Languages : English
Issue :
Journal : DIS
FlyBase _ID :
Also In :

Dvir\all ; Dvir\eb ; Dvir\ft
Dvir\ll ; Dvir\ps ; Dvir\rl
Dvir\rt

Title : Drosophila virilis, report of new mutations.
Authors : Chino, M.
Year : 1936
Volume : 5
Pages : 22
Languages : English
Issue :
Journal : DIS
FlyBase _ID :
Also In :

Dvir\Ba
Dvir\ca
Dvir\dw
Dvir\ix
Dvir\M-4f;
Dvir\M-5a;
Dvir\5a
Dvir\sq
Dvir\we

Title : Drosophila virilis, report of new mutations.
Authors : Chino, M.
Year : 1937
Volume : 7
Pages : 74-75
Languages : English
Issue :
Journal : DIS
FlyBase _ID :
Also In :

Dvir\cd ; Dvir\cho
Dvir\cv-d ; Dvir\Gl ; Dvir\hyp
Dvir\M-4g ; M-4h ; Dvir\ro2a
Dvir\ro5a ; Dvir\trr
Dvir\sal ; Dvir\sk ; Dvir\ss

Title : Drosophila virilis, report of new mutations.
Authors : Chino, M.
Year : 1937
Volume : 8
Pages : 61
Languages : English
Issue :
Journal : DIS
FlyBase _ID :
Also In :

Dvir\cd ; Dvir\cho ; Dvir\cv-d
Dvir\ep ; Dvir\gp-L2 ; Dvir\lk ;
Dvir\ky ; Dvir\lz ; Dvir\po
Dvir\sal ; Dvir\ss

Title : Drosophila virilis, report of new mutations.
Authors : Chino, M.
Year : 1939
Volume : 11
Pages : 32
Languages : English
Issue :
Journal : DIS
FlyBase _ID :
Also In :

Dvir\b ; Dvir\cf ; Dvir\cer
Dvir\edh ; Dvir\M-5b
Dvir\ud ; Dvir\Pi ; Dvir\pr-b
Dvir\R ; Dvir\sb ; Dvir\sl
Dvir\va

Title : Drosophila virilis, report of new mutations.
Authors : Chino, M.
Year : 1940
Volume : 13
Pages : 62-63
Languages : English
Issue :
Journal : DIS
FlyBase _ID :
Also In :

Dvir\Bk ; Dvir\M-2d ;
Dvir\M-2e ; -2f ; -3c ; -4i ; -4j ;
-4k ;
Dvir\ui ; Dvir\pc ; Dvir\sa
Dvir\ro2c ; Dvir\we ; Dvir\Yk

Title : Drosophila virilis, report of new mutations.
Authors : Chino, M.
Year : 1941
Volume : 14
Pages : 44
Languages : English
Issue :
Journal : DIS
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Also In :

Dvir \ Bl
Dvir \ wo
Dvir \ ua
Dvir \ pi
Dvir \ sl-b

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Authors : Clary, D.O.
Wolstenholme, D.R.
Year : 1987
Volume : 25
Pages : 116-125
Languages : English
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Authors : Colot, H.V.
Hall, J.C.
Rosbash, M.
Year : 1988
Volume : 7
Pages : 3929-3937
Languages : English
Issue : 12
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Authors : Da Cunha, A.B.
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Year : 1950
Volume : 4
Pages : 212-235
Languages : English
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Journal : Evolution
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Authors : Fauron, C.M.
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Year : 1980
Volume : 8
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Languages : English
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Authors : Goddard, J.M.
Wolste[illegible]me, D.R.
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Authors : Goncharenko, G.G.
Emelianov, I.M.
Year : 1990
Volume : 313
Pages : 448-452
Languages : Russian
Issue :
Journal : Dokl Akad Nauk SSSR
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Title : Study on genetic polymorphism of isozyme in natural populations of Drosophila virilis.
Authors : He, C.Z.
Geng, Z.C.
Tan, J.Z.
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Year : 1989
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Pages : 34-41
Languages : Chinese
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Title : Genetics of Esterases in Drosophila of the virilis Group. I. Characteristics of Esterase Patterns in D. virilis, D. texana, D. littoralis, and Their Hybrids.
Authors : Korochkin, L.I.
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Year : 1973
Volume : 10
Pages : 363-393
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Authors : Lancefield, D.E.
Year : 1922
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Authors : Lea, D.F
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Authors : Lebedeff, G.A.
Year : 1938
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Authors : Lindsley, D.L.
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Authors : Lootens, S.
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Authors : Lozovsk[illegible], E.R.
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Authors : Magoulas, C.
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Year : 1993
Volume : 36
Pages : 234-242
Languages : English
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Authors : Mezzanotte, R.
Ferucci, L.
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Year : 1982
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Authors : Monforte, A.
Barrio, E.
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Authors : Price, J.
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Authors : Rae, P.M.
Steele, R.E.
Year : 1979
Volume : 6
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Authors : Rae, P.M.
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Languages : English
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Year : 1994
Volume : 13
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Languages : English
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Authors : Samson, M-L.
Wegnez, M.

Year : 1984

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Issue : 2

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Authors : Wilson, J.

Year : 1950

Volume :

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