

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 15, 2026

Df(2L)ast2/SM1

RRID:BDSC_3084

Type: Organism

Proper Citation

RRID:BDSC_3084

Organism Information

URL: <https://n2t.net/bdsc:3084>

Proper Citation: RRID:BDSC_3084

Description: Drosophila melanogaster with name Df(2L)ast2/SM1 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Jose Bonner, Indiana University, Bloomington; Donor's Source: Trudi Schupbach, Princeton University

Affected Gene: a5, aru, asRNA:CR43767, asRNA:CR44064, asRNA:CR44897, asRNA:CR44976, asRNA:CR46486, ast, Atg4a, c-cup, capt, Cdlc2, CG12506, CG13689, CG13946, CG13947, CG13949, CG13950, CG14339, CG14340, CG14341, CG14342, CG14346, CG14352, CG15824, CG15880, CG17646, CG17648, CG17650, CG17652, CG17660, CG17712, CG18131, CG18132, CG2839, CG31659, CG31661, CG31664, CG31924, CG31926, CG31928, CG31933, CG31937, CG33128, CG33922, CG33923, CG3544, CG3662, CG3862, CG42329, CG4291, CG43348, CG43349, CG43401, CG43402, CG4375, CG4629, CG4887, CG4896, CG5001, CG5011, CG5080, CG5126, CG5139, CG5397, CG5440, CG5556, CG5561, CG5565, CG7420, Charon, chinmo, Clp, cpb, CR34660, dbe, Dbp21E2, dock, drongo, ds, Eaat2, Eno, frtz, GABA-B-R3, GluRIIC, gNacalpa, Gr21a, Gr22a, Gr22b, Gr22c, Gr22d, Gr22e, Gr22f, haf, halo, Hsp60B, IA-2, IntS14, Iris, kraken, l(2)10685, lectin-21Ca, lectin-21Cb, lncRNA:CR43263, lncRNA:CR43648, lncRNA:CR43649, lncRNA:CR44060, lncRNA:CR44061, lncRNA:CR44073, lncRNA:CR44074, lncRNA:CR44603, lncRNA:CR44614, lncRNA:CR44797, lncRNA:CR44798, lncRNA:CR44801, lncRNA:CR44898, lncRNA:CR44988, lncRNA:CR45005, lncRNA:CR45006, lncRNA:CR45259, lncRNA:CR45261, lncRNA:CR45345, lncRNA:CR45346, lncRNA:CR45348, lncRNA:CR45369, lncRNA:CR45695, lncRNA:CR45717, lncRNA:CR46260, Lsp1beta, MFS3, mir-2280, mir-375, mRpl48, ninaA, nis, NLaz, Nnf1b, Or22a, Or22b, Pex12, PGAP2, Pino, Pkg21D, Plap, PNUTS, PolrMT, Rab3GAP1, RFeSP, Rim2, robo2, robo3, Rrp40, S, Saf6, scaRNA:MeU1:95C-A24, snRNA:U1:21D, Snrnp20, Spar, Tango14,

TBC1D23, Tfb4, Tgt, Tmtc2, Vps29, wry

Genomic Alteration: Chromosome 2

Catalog Number: 3084

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_3084, BL3084

Organism Name: Df(2L)ast2/SM1

Record Creation Time: 20240911T222135+0000

Record Last Update: 20260808T194246+0000

Ratings and Alerts

No rating or validation information has been found for Df(2L)ast2/SM1.

No alerts have been found for Df(2L)ast2/SM1.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at [SPARC SAWG](#) .

Ribeiro V, et al. (2026) Genome-wide screen for deficiencies modifying Cyclin G-induced developmental instability in Drosophila melanogaster. Genetics, 232(3).

Sawyer JK, et al. (2020) Exploiting codon usage identifies intensity-specific modifiers of Ras/MAPK signaling in vivo. PLoS genetics, 16(12), e1009228.

Li X, et al. (2020) The Mediator CDK8-Cyclin C complex modulates Dpp signaling in Drosophila by stimulating Mad-dependent transcription. PLoS genetics, 16(5), e1008832.