

Resource Summary Report

Generated by [dkNET](#) on Aug 4, 2026

DBA/2JArc

RRID:IMSR_ARC:DB2

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:IMSR_ARC:DB2

Description: Mus musculus with name DBA/2JArc from IMSR.

Species: Mus musculus

Notes: gene symbol note: forebrain weight 1|tyrosinase-related protein 1|forebrain weight 2|nonagouti|purinergic receptor P2X; ligand-gated ion channel; 7|glycoprotein (transmembrane) nmb|fascin actin-bundling protein 2|killer cell lectin-like receptor; subfamily D; member 1|audiogenic seizure prone 2|myosin VA|hemolytic complement|aryl-hydrocarbon receptor|cadherin 23 (otocadherin); inbred strain: Fbrwt1|Tyrop1|Fbrwt2|a|P2rx7|Gpnmb|Fscn2|Klrd1|Asp2|Myo5a|Hc|Ahr|Cdh23

Affected Gene: forebrain weight 1|tyrosinase-related protein 1|forebrain weight 2|nonagouti|purinergic receptor P2X; ligand-gated ion channel; 7|glycoprotein (transmembrane) nmb|fascin actin-bundling protein 2|killer cell lectin-like receptor; subfamily D; member 1|audiogenic seizure prone 2|myosin VA|hemolytic complement|aryl-hydrocarbon receptor|cadherin 23 (otocadherin)

Genomic Alteration: DBA/2J|iris stromal atrophy|nonagouti|rs48804829 SNP allele with the T variant|iris pigment dispersion|age related hearing loss 18|audiogenic seizure prone 2|dilute|deficient|d variant|age related hearing loss 1

Catalog Number: ARC:DB2

Database: Animal Resources Centre

Database Abbreviation: ARC

Availability: live

Organism Name: DBA/2JArc

Record Creation Time: 20250513T062204+0000

Record Last Update: 20260801T055849+0000

Ratings and Alerts

No rating or validation information has been found for DBA/2JArc.

No alerts have been found for DBA/2JArc.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Animal Resources Centre

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Overman J, et al. (2019) R-propranolol is a small molecule inhibitor of the SOX18 transcription factor in a rare vascular syndrome and hemangioma. eLife, 8.