

Resource Summary Report

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B6.Cg-Tg(CMV-AR*113Q)FMonk/J

RRID:IMSR_JAX:029436

Type: Organism

Proper Citation

RRID:IMSR_JAX:029436

Organism Information

URL: <https://www.jax.org/strain/029436>

Proper Citation: RRID:IMSR_JAX:029436

Description: Mus musculus with name B6.Cg-Tg(CMV-AR*113Q)FMonk/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: transgene insertion F; Douglas Monks|cytomegalovirus|androgen receptor; mutant strain|congenic strain: Tg(CMV-AR*113Q)FMonk|CMV|AR

Affected Gene: transgene insertion F; Douglas Monks|cytomegalovirus|androgen receptor

Genomic Alteration: transgene insertion F; Douglas Monks

Catalog Number: JAX:029436

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.Cg-Tg(CMV-AR*113Q)FMonk/J

Record Creation Time: 20250513T053809+0000

Record Last Update: 20260829T045117+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Tg(CMV-AR*113Q)FMonk/J.

No alerts have been found for B6.Cg-Tg(CMV-AR*113Q)FMonk/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Marchioretta C, et al. (2023) Defective excitation-contraction coupling and mitochondrial respiration precede mitochondrial Ca²⁺ accumulation in spinobulbar muscular atrophy skeletal muscle. *Nature communications*, 14(1), 602.

Eftekharzadeh B, et al. (2019) Hsp70 and Hsp40 inhibit an inter-domain interaction necessary for transcriptional activity in the androgen receptor. *Nature communications*, 10(1), 3562.

Milioto C, et al. (2017) Beta-agonist stimulation ameliorates the phenotype of spinal and bulbar muscular atrophy mice and patient-derived myotubes. *Scientific reports*, 7, 41046.

Rocchi A, et al. (2016) Glycolytic-to-oxidative fiber-type switch and mTOR signaling activation are early-onset features of SBMA muscle modified by high-fat diet. *Acta neuropathologica*, 132(1), 127.

Rusmini P, et al. (2015) Aberrant Autophagic Response in The Muscle of A Knock-in Mouse Model of Spinal and Bulbar Muscular Atrophy. *Scientific reports*, 5, 15174.

Yu Z, et al. (2011) Macroautophagy is regulated by the UPR-mediator CHOP and accentuates the phenotype of SBMA mice. *PLoS genetics*, 7(10), e1002321.

Mo K, et al. (2010) Microarray analysis of gene expression by skeletal muscle of three mouse models of Kennedy disease/spinal bulbar muscular atrophy. *PloS one*, 5(9), e12922.

Ranganathan S, et al. (2009) Mitochondrial abnormalities in spinal and bulbar muscular atrophy. *Human molecular genetics*, 18(1), 27.