

Resource Summary Report

Generated by [RRID](#) on Sep 2, 2026

RAW 264.7 LRRK2 parental

RRID:CVCL_UL71

Type: Cell Line

Proper Citation

ATCC Cat# SC-6003, RRID:CVCL_UL71

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_UL71

Proper Citation: ATCC Cat# SC-6003, RRID:CVCL_UL71

Description: Cell line RAW 264.7 LRRK2 parental is a Cancer cell line with a species of origin *Mus musculus* (Mouse)

Sex: Male

Disease: Mouse leukemia

Comments: Characteristics: Control cell line for RAW 264.7 LRRK2 KO and RAW 264.7 LRRK2 T1348N mut.

Category: Cancer cell line

Organism: *Mus musculus* (Mouse)

Name: RAW 264.7 LRRK2 parental

Synonyms: LRRK2 parental RAW 264.7

Cross References: ATCC:SC-6003, Wikidata:Q98128811

ID: CVCL_UL71

Vendor: ATCC

Catalog Number: SC-6003

Hierarchy: cvcl_0493

Record Creation Time: 20220427T221451+0000

Record Last Update: 20260829T235720+0000

Ratings and Alerts

No rating or validation information has been found for RAW 264.7 LRRK2 parental.

No alerts have been found for RAW 264.7 LRRK2 parental.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Yuan J, et al. (2026) Circ-Eif3c Carried by M2 Macrophage-Derived Exosomes Mitigates Asthma Progression via miR-15a-5p/GSS/SOCS6 Axis Inhibition. Mediators of inflammation, 2026, 8350424.

Li M, et al. (2026) Ultrasound Controlled-Release Hydrogel Promotes Diabetic Wound Healing via Neuroimmune Modulation and Synergistic ROS Scavenging. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(18), e16882.

Liu L, et al. (2026) Ginsenoside compound K up-regulates β -subunits of long-chain L-3-hydroxyacyl-CoA (HADHB) to promote fatty acid oxidation recovery and improve the balance of macrophage polarization in mice with ulcerative colitis. British journal of pharmacology, 183(13), 3633.

Bogacki EC, et al. (2025) GPNMB is a biomarker for lysosomal dysfunction and is secreted via LRRK2-modulated lysosomal exocytosis. Science advances, 11(51), eadv1434.

Mei Y, et al. (2025) GI-Y2, a novel gasdermin D inhibitor, attenuates sepsis-induced myocardial dysfunction by inhibiting gasdermin D-mediated pyroptosis in macrophages. British journal of pharmacology, 182(15), 3503.

do Nascimento Soares T, et al. (2022) The C-terminal extension of VgrG4 from Klebsiella pneumoniae remodels host cell microfilaments. Proteins, 90(9), 1655.

Lu K, et al. (2022) Defects in a liver-bone axis contribute to hepatic osteodystrophy disease progression. Cell metabolism, 34(3), 441.

Wei X, et al. (2022) LL-37 transports immunoreactive cGAMP to activate STING signaling and enhance interferon-mediated host antiviral immunity. Cell reports, 39(9), 110880.

Zhou W, et al. (2022) SENP1-Sirt3 signaling promotes β -ketoglutarate production during M2 macrophage polarization. Cell reports, 39(2), 110660.

Zhu H, et al. (2021) The probiotic *L. casei* Zhang slows the progression of acute and chronic kidney disease. *Cell metabolism*, 33(10), 1926.

Das Gupta K, et al. (2020) Class IIa Histone Deacetylases Drive Toll-like Receptor-Inducible Glycolysis and Macrophage Inflammatory Responses via Pyruvate Kinase M2. *Cell reports*, 30(8), 2712.