

Resource Summary Report

Generated by [RRID](#) on Aug 28, 2026

C2C12 Scrambled

RRID:CVCL_UR38

Type: Cell Line

Proper Citation

RRID:CVCL_UR38

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_UR38

Proper Citation: RRID:CVCL_UR38

Description: Cell line C2C12 Scrambled is a Spontaneously immortalized cell line with a species of origin Mus musculus (Mouse)

Sex: Female

Defining Citation: [PMID:24967968](#)

Comments: Characteristics: Control cell line for C2C12 Clone 5 DYS shRNA. Transfected with a scrambled DYS shRNA.

Category: Spontaneously immortalized cell line

Organism: Mus musculus (Mouse)

Name: C2C12 Scrambled

Cross References: ATCC:CRL-3419, Wikidata:Q93439914

ID: CVCL_UR38

Hierarchy: cvcl_0188

Record Creation Time: 20220427T215434+0000

Record Last Update: 20260815T231953+0000

Ratings and Alerts

No rating or validation information has been found for C2C12 Scrambled.

No alerts have been found for C2C12 Scrambled.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Tsang HW, et al. (2022) Transmembrane 29 (Tmem29), a Newly Identified Molecule Showed Downregulation in Hypoxic-Ischemic Brain Damage. *NeuroSci*, 3(1), 41.

Miyake M, et al. (2022) Identification of an endoplasmic reticulum proteostasis modulator that enhances insulin production in pancreatic β cells. *Cell chemical biology*, 29(6), 996.

Miyake M, et al. (2021) Integrated stress response regulates GDF15 secretion from adipocytes, preferentially suppresses appetite for a high-fat diet and improves obesity. *iScience*, 24(12), 103448.

Cipriano A, et al. (2021) Epigenetic regulation of Wnt7b expression by the cis-acting long noncoding RNA Lnc-Rewind in muscle stem cells. *eLife*, 10.

Gutiérrez J, et al. (2021) Reduced RECK levels accelerate skeletal muscle differentiation, improve muscle regeneration, and decrease fibrosis. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 35(5), e21503.

Zhao Y, et al. (2021) A compendium and comparative epigenomics analysis of cis-regulatory elements in the pig genome. *Nature communications*, 12(1), 2217.

Kemler D, et al. (2020) Time-of-day dependent effects of contractile activity on the phase of the skeletal muscle clock. *The Journal of physiology*, 598(17), 3631.

Liu J, et al. (2020) A Small-Molecule Approach to Restore a Slow-Oxidative Phenotype and Defective CaMKII β Signaling in Limb Girdle Muscular Dystrophy. *Cell reports. Medicine*, 1(7), 100122.