

Resource Summary Report

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

L-5178-Y-R

RRID:CVCL_4234

Type: Cell Line

Proper Citation

ATCC Cat# CRL-1722, RRID:CVCL_4234

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_4234

Proper Citation: ATCC Cat# CRL-1722, RRID:CVCL_4234

Description: Cell line L-5178-Y-R is a Cancer cell line with a species of origin Mus musculus (Mouse)

Sex: Female

Disease: Mouse thymic lymphoma

Defining Citation: [PMID:3012566](#), [PMID:3876312](#), [PMID:6883332](#)

Comments: Characteristics: Resistant to X-rays, but sensitive to ultraviolet radiation.

Category: Cancer cell line

Organism: Mus musculus (Mouse)

Name: L-5178-Y-R

Synonyms: L5178Y-R, L5178YR, L5178-R, LY-R, LYR

Cross References: CLO:CLO_0007193, CLO:CLO_0007197, CLDB:cl3135, ATCC:CRL-1722, CLS:400258, ECACC:90062802, KCLB:21722, Wikidata:Q54900872

ID: CVCL_4234

Vendor: ATCC

Catalog Number: CRL-1722

Hierarchy: cvcl_2097

Record Creation Time: 20220427T220712+0000

Record Last Update: 20260829T234439+0000

Ratings and Alerts

No rating or validation information has been found for L-5178-Y-R.

No alerts have been found for L-5178-Y-R.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Wang X, et al. (2025) Tuning insulin receptor signaling using de novo-designed agonists. Molecular cell, 85(21), 4064.

Aguilar-Recarte D, et al. (2021) GDF15 mediates the metabolic effects of PPAR α by activating AMPK. Cell reports, 36(6), 109501.

Gonzalez-Franquesa A, et al. (2021) Mass-spectrometry-based proteomics reveals mitochondrial supercomplexome plasticity. Cell reports, 35(8), 109180.