

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

A7r5

RRID:CVCL_0137

Type: Cell Line

Proper Citation

RRID:CVCL_0137

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0137

Proper Citation: RRID:CVCL_0137

Description: Cell line A7r5 is a Spontaneously immortalized cell line with a species of origin Rattus norvegicus (Rat)

Sex: Sex unspecified

Defining Citation: [PMID:943301](#), [PMID:24628920](#)

Category: Spontaneously immortalized cell line

Organism: Rattus norvegicus (Rat)

Name: A7r5

Synonyms: A7R5

Cross References: BTO:BTO_0000019, CLO:CLO_0001614, MCCL:MCC:0000030, CLDB:cl214, CLDB:cl215, ATCC:CRL-1444, BCRC:60082, BCRJ:0034, CCRID:3101RATGNR7, ChEMBL-Cells:ChEMBL3833741, CLS:305198, ECACC:86050803, IZSLER:BS CL 162, KCB:KCB 2010186YJ, Lonza:997, NCBI_Iran:C607, PubChem_Cell_line:CVCL_0137, Wikidata:Q54607214

ID: CVCL_0137

Record Creation Time: 20220427T215107+0000

Record Last Update: 20260726T002030+0000

Ratings and Alerts

No rating or validation information has been found for A7r5.

No alerts have been found for A7r5.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Poore CP, et al. (2024) Enhanced isradipine sensitivity in vascular smooth muscle cells due to hypoxia-induced Cav1.2 splicing and RbFox1/Fox2 downregulation. The FEBS journal, 291(19), 4265.

Schreier B, et al. (2021) Synergy of epidermal growth factor (EGFR) and angiotensin II (AT1R) receptor determines composition and temporal pattern of transcriptome variation. Cellular and molecular life sciences : CMLS, 79(1), 57.

Huang H, et al. (2021) A pre-screening strategy to assess resected tumor margins by imaging cytoplasmic viscosity and hypoxia. eLife, 10.

Yao C, et al. (2021) Rolling circle amplification (RCA)-based DNA hydrogel. Nature protocols, 16(12), 5460.

Ogola BO, et al. (2019) G Protein-Coupled Estrogen Receptor Protects From Angiotensin II-Induced Increases in Pulse Pressure and Oxidative Stress. Frontiers in endocrinology, 10, 586.

Su SC, et al. (2019) Cilostazol inhibits hyperglucose-induced vascular smooth muscle cell dysfunction by modulating the RAGE/ERK/NF- κ B signaling pathways. Journal of biomedical science, 26(1), 68.

Hutson DD, et al. (2019) Estrogen receptor profiles across tissues from male and female Rattus norvegicus. Biology of sex differences, 10(1), 4.