

Resource Summary Report

Generated by [dkNET](#) on Sep 7, 2026

UMNSAH/DF-1

RRID:CVCL_0570

Type: Cell Line

Proper Citation

ATCC Cat# CRL-3586, RRID:CVCL_0570

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0570

Proper Citation: ATCC Cat# CRL-3586, RRID:CVCL_0570

Description: Cell line UMNSAH/DF-1 is a Spontaneously immortalized cell line with a species of origin Gallus gallus (Chicken)

Sex: Sex unspecified

Defining Citation: [PMID:9721238](#), [PMID:9721239](#), [PMID:11420679](#), [PMID:11513975](#), [PMID:16313905](#), [PMID:18638503](#), [PMID:19941903](#), [PMID:22111699](#), [PMID:32005267](#), [PMID:33743496](#), [PMID:34737324](#)

Comments: Virology: Low susceptibility to infection by aquatic bird bornavirus 1 (ABBV-1) strain UoG-CG (PubMed=32005267)., Group: Patented cell line., Group: Bird cell line.

Category: Spontaneously immortalized cell line

Organism: Gallus gallus (Chicken)

Name: UMNSAH/DF-1

Synonyms: UMNSAH-DF-1, UMNSAH-DF 1, UMNSAH-DF1, UMNSAH/DF1, UMNSAH/DF#1, DF-1, DF1, Douglas Foster-1

Cross References: BTO:BTO_0005956, CLO:CLO_0009484, MCCL:MCC:0000475, ATCC:CRL-3586, ATCC:CRL-12203, BCRJ:0307, CCLV:CCLV-RIE 1029, CCRID:1101BIR-PUMC000417, CLS:305016, GEO:GSE29257, IZSLER:BS CL 197, KCB:KCB 2012111YJ, Wikidata:Q54991087

ID: CVCL_0570

Vendor: ATCC

Catalog Number: CRL-3586

Record Creation Time: 20250130T073010+0000

Record Last Update: 20260905T184219+0000

Ratings and Alerts

No rating or validation information has been found for UMNSAH/DF-1.

No alerts have been found for UMNSAH/DF-1.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 787 mentions in open access literature.

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

Ma??szycki M, et al. (2026) Nuclear speckles enable processing of RNA from GC-rich isochores. Cell, 189(7), 2024.

Niu K, et al. (2026) Poxvirus A52 protein subverts autophagy flux by blocking autophagosome-lysosome fusion to promote viral replication. PLoS pathogens, 22(4), e1014137.

Tang N, et al. (2026) Oncolytic virus hijacks GOT1 and pyrimidinosomes to fuel pyrimidine synthesis for replication in tumor cells. Tumour virus research, 21, 200342.

Yang H, et al. (2026) Dual roles of USP39 in stabilizing PB2 and orchestrating ribonucleoprotein assembly drive H5 influenza virus replication and pathogenicity. Cell reports, 45(3), 117002.

Hu Z, et al. (2026) Thr308-dephosphorylated AKT1 licenses SQSTM1-LC3C-mediated antiviral autophagy. Autophagy, 1.

Smolag KI, et al. (2025) Complement Factor H Is an ICOS Ligand Modulating Tregs in the Glioma Microenvironment. Cancer immunology research, 13(1), 122.

Kumar S, et al. (2025) Development of PROTACs for targeted degradation of oncogenic TRK fusions. bioRxiv : the preprint server for biology.

Almazan J, et al. (2025) Combined inhibition of focal adhesion kinase and RAF/MEK elicits synergistic inhibition of melanoma growth and reduces metastases. Cell reports. Medicine, 6(2), 101943.

Slamanig S, et al. (2025) A single immunization with intranasal Newcastle disease virus (NDV)-based XBB.1.5 variant vaccine reduces disease and transmission in animals against matched-variant challenge. *Vaccine*, 45, 126586.

Yagasaki R, et al. (2025) The gut contractile organoid for studying the gut motility regulated by coordinating signals between interstitial cells of Cajal and smooth muscles. *eLife*, 13.

Jacob-Dolan C, et al. (2024) Comparison of the immunogenicity and protective efficacy of ACAM2000, MVA, and vectored subunit vaccines for Mpox in rhesus macaques. *Science translational medicine*, 16(740), eadl4317.

Eibner GJ, et al. (2024) Genotypic and phylogeographic insights into a pre-epidemic variant of Wesselsbron virus detected in sylvatic *Aedes mcintoshi* from Semuliki Forest, Uganda. *Microbiology spectrum*, 12(12), e0091424.

Kufera JT, et al. (2024) CD4⁺ T cells with latent HIV-1 have reduced proliferative responses to T cell receptor stimulation. *The Journal of experimental medicine*, 221(3).

Day CA, et al. (2024) The histone H3.3 K27M mutation suppresses Ser31phosphorylation and mitotic fidelity, which can directly drive gliomagenesis. *Current biology : CB*.

Geng S, et al. (2024) An arms race between 5'ppp-RNA virus and its alternative recognition receptor MDA5 in RIG-I-lost teleost fish. *eLife*, 13.

Slamanig S, et al. (2024) Intranasal SARS-CoV-2 Omicron variant vaccines elicit humoral and cellular mucosal immunity in female mice. *EBioMedicine*, 105, 105185.

Watson SS, et al. (2024) Fibrotic response to anti-CSF-1R therapy potentiates glioblastoma recurrence. *Cancer cell*, 42(9), 1507.

Paul MC, et al. (2023) Non-canonical functions of SNAIL drive context-specific cancer progression. *Nature communications*, 14(1), 1201.

Tan IL, et al. (2023) Targeting the non-coding genome and temozolomide signature enables CRISPR-mediated glioma oncolysis. *Cell reports*, 42(11), 113339.

Perdiguero B, et al. (2023) Immunogenicity and efficacy of a novel multi-patch SARS-CoV-2/COVID-19 vaccine candidate. *Frontiers in immunology*, 14, 1160065.