

Resource Summary Report

Generated by [dkNET](#) on Sep 4, 2026

BLaER1

RRID:CVCL_VQ57

Type: Cell Line

Proper Citation

RRID:CVCL_VQ57

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_VQ57

Proper Citation: RRID:CVCL_VQ57

Description: Cell line BLaER1 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Female

Disease: Childhood B acute lymphoblastic leukemia

Defining Citation: [PMID:23545498](#), [PMID:28494875](#)

Comments: Caution: Was originally (PubMed=23545498) described as originating from the Seraphina cell line (Cellosaurus=CVCL_M646) but was later (PubMed=28494875) shown to derive from RCH-ACV., Characteristics: Transduced with the retrovirus vector C/EBPaER-GFP which consist of CEBPA fused with the estrogen receptor hormone binding domain and GFP., Characteristics: Can efficiently be convert into cells exhibiting increased adherent, phagocytic and quiescent properties with a transcriptome resembling normal macrophages., Population: Caucasian.

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: BLaER1

Synonyms: B cell Leukemia C/EBPalphaER clone 1

Cross References: EFO:EFO_0030018, Millipore:SCC165, Wikidata:Q93427919

ID: CVCL_VQ57

Hierarchy: cvcl_1851

Record Creation Time: 20220427T215405+0000

Record Last Update: 20260904T021651+0000

Ratings and Alerts

No rating or validation information has been found for BLaER1.

No alerts have been found for BLaER1.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Krumwiede L, et al. (2026) MORC3 represses a tandem repeat enhancer to regulate interferon. The EMBO journal, 45(14), 5130.

Caielli S, et al. (2024) Type I IFN drives unconventional IL-1 β secretion in lupus monocytes. Immunity, 57(11), 2497.

Köllisch G, et al. (2022) TLR8 is activated by 5'-methylthioinosine, a Plasmodium falciparum-derived intermediate of the purine salvage pathway. Cell reports, 39(2), 110691.

Choi J, et al. (2021) Evidence for additive and synergistic action of mammalian enhancers during cell fate determination. eLife, 10.