Symbol report for KIT

(/help/symbol-report)

Report | HCOP homology predictions

HGNC data for KIT

Approved symbol (/help/symbol-report/index.html#app_sym)
KIT

Approved name (/help/symbol-report/index.html#app_name)
KIT proto-oncogene, receptor tyrosine kinase

Locus type (/help/symbol-report/index.html#locus_type)
gene with protein product

HGNC ID (/help/symbol-report/index.html#hgnc_id)
HGNC:6342

Symbol status (/help/symbol-report/index.html#status)
Approved

Previous symbols (/help/symbol-report/index.html#prev_syms)
PBT

Previous names (/help/symbol-report/index.html#prev_names)
" piebald trait "
" v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog "

Alias symbols (/help/symbol-report/index.html#alias_syms)
CD117; SCFR; C-Kit

Alias names (/help/symbol-report/index.html#alias_names)
" mast/stem cell growth factor receptor Kit "

Chromosomal location (/help/symbol-report/index.html#chr)
4q12

Gene groups (/help/symbol-report/index.html#gene_group)
Immunoglobulin like domain containing (/data/genegroup/#!/group/594)
Receptor tyrosine kinases (/data/genegroup/#!/group/321)
CD molecules (/data/genegroup/#!/group/471)

Gene resources () (/help/symbol-report/index.html#gene) ()

Ensembl
ENSG00000157404 Curated
Ensembl region in detail, Ensembl gene sequence

NCBI Gene
3815 Curated

UCSC
uc010igr.4

FMI v. Caris MPI
Exhibit 1122
IPR2019-00171

Nucleotide resources (/help/symbol-report/index.html#sequences)

INSDC

S67773 Curated

ENA, GenBank, DDBJ

RefSeq

NM_000222 Curated

NCBI sequence viewer

CCDS

CCDS3496 Curated

Protein resources (/help/symbol-report/index.html#protein)

UniProt/Swiss-Prot

P10721

InterPro, PDBe, Reactome

Orthologs from selected species (/help/symbol-report/index.html#homologs)

Bos taurus

KIT (VGNC:30618) VGNC

Canis familiaris

KIT (VGNC:42422) VGNC

Equus caballus

KIT (VGNC:19433) VGNC

Felis catus

KIT (VGNC:67950) VGNC

Mus musculus

Kit (MGI:96677) Curated

Pan troglodytes

KIT (VGNC:6662) VGNC

Rattus norvegicus

Kit (RGD:620568)

Specialist resources (/help/symbol-report/index.html#spec_db)

HCDM

CD117 Curated

IUPHAR/BPS Guide to PHARMACOLOGY

1805

Clinical resources (/help/symbol-report/index.html#clinical)

OMIM

164920

LRG
LRG_307 Curated

Genetics Home Reference
Search via KIT

DECIPHER
Search via KIT

ClinGen
Search via KIT

Genetic Testing Registry
Search via NCBI Gene ID 3815

ClinVar
Search via NCBI Gene ID 3815

dbVar
Search via NCBI Gene ID 3815

Orphanet
122862

COSMIC
KIT

Other resources (/help/symbol-report/index.html#other_db)

AmiGO
Search via P10721

QuickGO
Search via P10721

BioGPS
Search via NCBI Gene ID 3815

GeneCards
Search via HGNC:6342

Monarch
Search via HGNC:6342

WikiGenes
Search via NCBI Gene ID 3815

References () (/help/symbol-report/index.html#references) ()

Sequence analysis of two genomic regions containing the KIT and the FMS receptor tyrosine kinase genes.
Andre C *et al.* Genomics 1997 Jan;39(2)216-226
PMID: 9027509 Europe PMC, Pubmed ()

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(https://blog.genenames.org)
(/contact/feedback)

EMBL-EBI (https://www.ebi.ac.uk/)

UNIVERSITY OF CAMBRIDGE (https://www.cam.ac.uk/)

TGMI (http://www.thetgmi.org/)

NHGRI
(http://www.genome.gov/)

HUGO
(http://www.hugo-international.org/)

wellcome
(https://www.wellcome.ac.uk/)