

ALEX3 (arm protein lost in epithelial cancers, X chromosome, 3)

Identity

Hugo [RMCX3](#)

Location Xq22.1

DNA/RNA

Description spans 3.3 kb

Transcription transcript: 2.0 kb

Protein

Description 379 amino acids, 42.5 kDa; contains a transmembrane domain in N term, and a arm (armadillo) repeat

Homology with [ALEX1](#) and [ALEX2](#)

Mutations

Note may be involved in tumorigenesis, but further studies are needed

External links

Nomenclature

[Hugo](#)

[RMCX3](#)

[GDB](#)

[ARMCX3](#)

[Entrez_Gene](#)

[ARMCX3_51566](#) armadillo repeat containing, X-linked 3

Cards

[Atlas](#)

[ALEX3Xq22ID479](#)

[GeneCards](#)

[ARMCX3](#)

[Ensembl](#)

[ARMCX3](#)

[Genatlas](#)

[ARMCX3](#)

[GeneLynx](#)

[ARMCX3](#)

[eGenome](#)

[ARMCX3](#)

[euGene](#)

[51566](#)

Genomic and cartography

[GoldenPath](#)

[ARMCX3 - Xq22.1](#) [chrX:100764776-100769487 + Xq22.1](#)
(hg18-Mar_2006)

[Ensembl](#)

[ARMCX3 - Xq22.1 \[CytoView\]](#)

[NCBI](#)

[Genes Cyto](#) [Gene Seq](#) [Map View - NCBI]

OMIM	Disease map [OMIM]
HomoloGene	ARMCX3
Gene and transcription	
Genbank	AB039669 [ENTREZ]
Genbank	AF211175 [ENTREZ]
Genbank	AK222655 [ENTREZ]
Genbank	AY359079 [ENTREZ]
Genbank	BC005194 [ENTREZ]
RefSeq	NM_016607 [SRS] NM_016607 [ENTREZ]
RefSeq	NM_177947 [SRS] NM_177947 [ENTREZ]
RefSeq	NM_177948 [SRS] NM_177948 [ENTREZ]
AceView	ARMCX3 AceView - NCBI
TRASER	ARMCX3 Traser - Stanford
Unigene	Hs.592225 [SRS] Hs.592225 [NCBI] HS592225 [spliceNest]
Protein : pattern, domain, 3D structure	
Protein Interaction databases	
Polymorphism : SNP, mutations, diseases	
OMIM	300364 [map]
GENECLINICS	300364
SNP	ARMCX3 [dbSNP-NCBI]
SNP	NM_016607 [SNP-NCI]
SNP	NM_177947 [SNP-NCI]
SNP	NM_177948 [SNP-NCI]
SNP	ARMCX3 [GeneSNPs - Utah] ARMCX3 [HGBASE - SRS]
HAPMAP	ARMCX3 [HAPMAP]
General knowledge	
Family Browser	ARMCX3 [UCSC Family Browser]
SOURCE	NM_016607
SOURCE	NM_177947
SOURCE	NM_177948
SMD	Hs.592225
SAGE	Hs.592225
Amigo	binding
Amigo	membrane
Amigo	integral to membrane
PubGene	ARMCX3
Other databases	

Probes

[Probe](#) [RMCX3 Related clones \(RZPD - Berlin\)](#)

PubMed

[PubMed](#) [7 Pubmed reference\(s\) in LocusLink](#)

Bibliography

ALEX1, a novel human armadillo repeat protein that is expressed differentially in normal tissues and carcinomas.

Kurochkin IV, Yonemitsu N, Funahashi SI, Nomura H.
Biochem Biophys Res Commun. 2001; 280: 340-347.
Medline [11162520](#)

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[BiblioGene - INIST](#)

Contributor(s)

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