

MDS2

Identity

Location 1p36

DNA/RNA

Description spans 13 kb; 7 exons

Transcription 4 alternate splicings; major splice: 281 bp, exons 1, 4, 6, 7 are constantly used

Protein

Description The 4 alternate splicings give rise to 2 proteins, of 82 and 140 amino acids

Expression wide

Implicated in

Entity [t\(1;12\)\(p36;p13\)](#) in myeloid disorders

Prognosis unknown so far

Hybrid/Mutated Gene 5' ETV6 - 3' MDS2

Abnormal Protein truncated ETV6

External links

Nomenclature

[GDB](#)

[MDS2](#)

[Entrez_Gene](#)

[MDS2_259283](#) myelodysplastic syndrome 2

Cards

[Atlas](#)

[MDS2ID476](#)

[GeneCards](#)

[MDS2](#)

[Ensembl](#)

[MDS2](#)

[CancerGene](#)

[MDS2](#)

[Genatlas](#)

[MDS2](#)

[GeneLynx](#)

[MDS2](#)

[eGenome](#)

[MDS2](#)

[euGene](#)

[259283](#)

Genomic and cartography

GoldenPath	MDS2 - 1p36
Ensembl	MDS2 - [CytoView]
NCBI	Genes Cyto Gene Seq <small>[Map View - NCBI]</small>
OMIM	Disease map [OMIM]
HomoloGene	MDS2

Gene and transcription

Genbank	AJ310434 <small>[SRS]</small> AJ310434 <small>[ENTREZ]</small>
Genbank	BC041472 <small>[SRS]</small> BC041472 <small>[ENTREZ]</small>
AceView	MDS2 AceView - NCBI
TRASER	MDS2 Traser - Stanford
Unigene	Hs.523369 <small>[SRS]</small> Hs.523369 <small>[NCBI]</small> HS523369 <small>[spliceNest]</small>

Protein : pattern, domain, 3D structure

Polymorphism : SNP, mutations, diseases

OMIM	607305 [map]
GENECLINICS	607305
SNP	MDS2 <small>[dbSNP-NCBI]</small>
SNP	MDS2 <small>[GeneSNPs - Utah]</small> MDS2 <small>[SNP - CSHL]</small> MDS2 <small>[HGBASE - SRS]</small>

General knowledge

Family Browser	MDS2 <small>[UCSC Family Browser]</small>
SMD	Hs.523369
SAGE	Hs.523369
PubGene	MDS2

Other databases

Probes

PubMed

PubMed	1 Pubmed reference(s) in LocusLink
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Bibliography

A novel gene, MDS2, is fused to ETV6/TEL in a t(1;12)(p36.1;p13) in a patient with myelodysplastic syndrome.

Odero MD, Vizmanos JL, Roman JP, Lahortiga I, Panizo C, Calasanz MJ, Zeleznik-Le NJ, Rowley JD, Novo FJ.

Genes Chromosomes Cancer 2002; 35: 11-19.

Medline [12203785](#)

[REVIEW articles](#) *automatic search in PubMed*

[Last year publications](#) *automatic search in PubMed*

[BiblioGene - INIST](#)

Contributor(s)

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Citation

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URL : <http://www.infobiogen.fr/services/chromcancer/Genes/MDS2ID476.html>

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