



# IMGT® bioinformatics platform

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<http://www.genopole-montpellier-lr.org/>



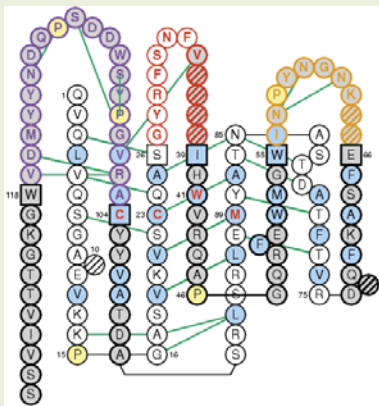
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### IMGT®, the international ImMunoGeneTics information

IMGT, the international ImMunoGeneTics information system®, created at Montpellier in 1989 (Université Montpellier II and CNRS) is specialized in the sequences, structures and genetics of the immunoglobulins (IG), T cell receptors (TR), major histocompatibility complex (MHC), and proteins of the IgSF and MhcSF superfamilies.

IMGT® is the international reference in immunogenetics and immunoinformatics.



### IMGT® offers databases, Web resources and on-line tools:

- Databases:
  - IMGT/LIGM-DB (more than 86,700 IG and TR sequences from 150 species).
  - IMGT/MHC-DB (EBI).
  - IMGT/PRIMER-DB (IG and TR oligonucleotides).
  - IMGT/GENE-DB (IG and TR genes and alleles).
  - IMGT/3Dstructure-DB (IG, TR and MHC three-dimensional (3D) structures).

- Web resources (more than 8,000 HTML pages):
  - IMGT Répertoire.
  - IMGT Scientific chart.
  - IMGT Bloc-notes.
  - IMGT Education.
  - IMGT Index, etc...
- On-line tools for the analysis of:
  - sequences (IMGT/V-QUEST, IMGT/JunctionAnalysis, IMGT/AlleleAlign, IMGT/PhyloGene).
  - genomes (IMGT/LocusView, IMGT/GeneView, IMGT/GeneSearch, IMGT/CloneSearch, IMGT/GenInfo).
  - 3D structures (IMGT/StructuralQuery).

IMGT® is freely available on Internet:

- <http://imgt.cines.fr>



IMGT/LIGM-DB data are also distributed by several anonymous FTP servers and SRS sites. IMGT/LIGM-DB can be searched by BLAST or FASTA.

IMGT is a CNRS registered mark for the European Community, Canada and United States.

IMGT® is a RIO platform (CNRS, INSERM, CEA, INRA) *since 2001*.

IMGT® team

