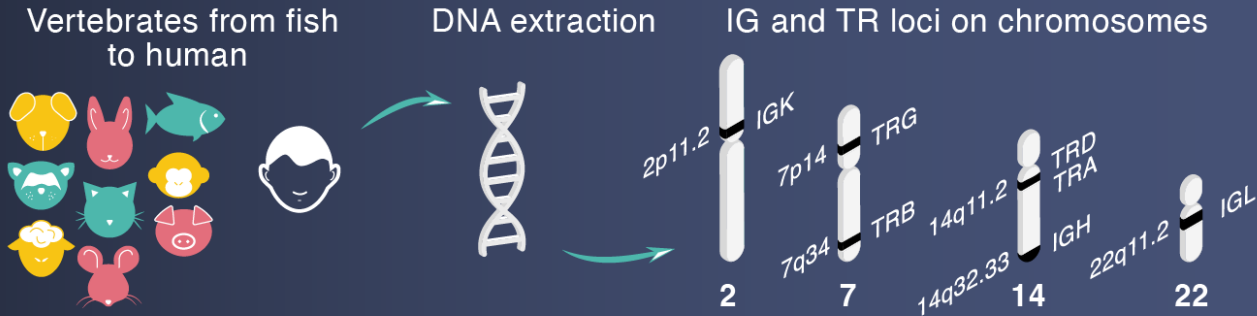


Deciphering the IG and TR locus, genes and alleles in genomes of jawed vertebrates

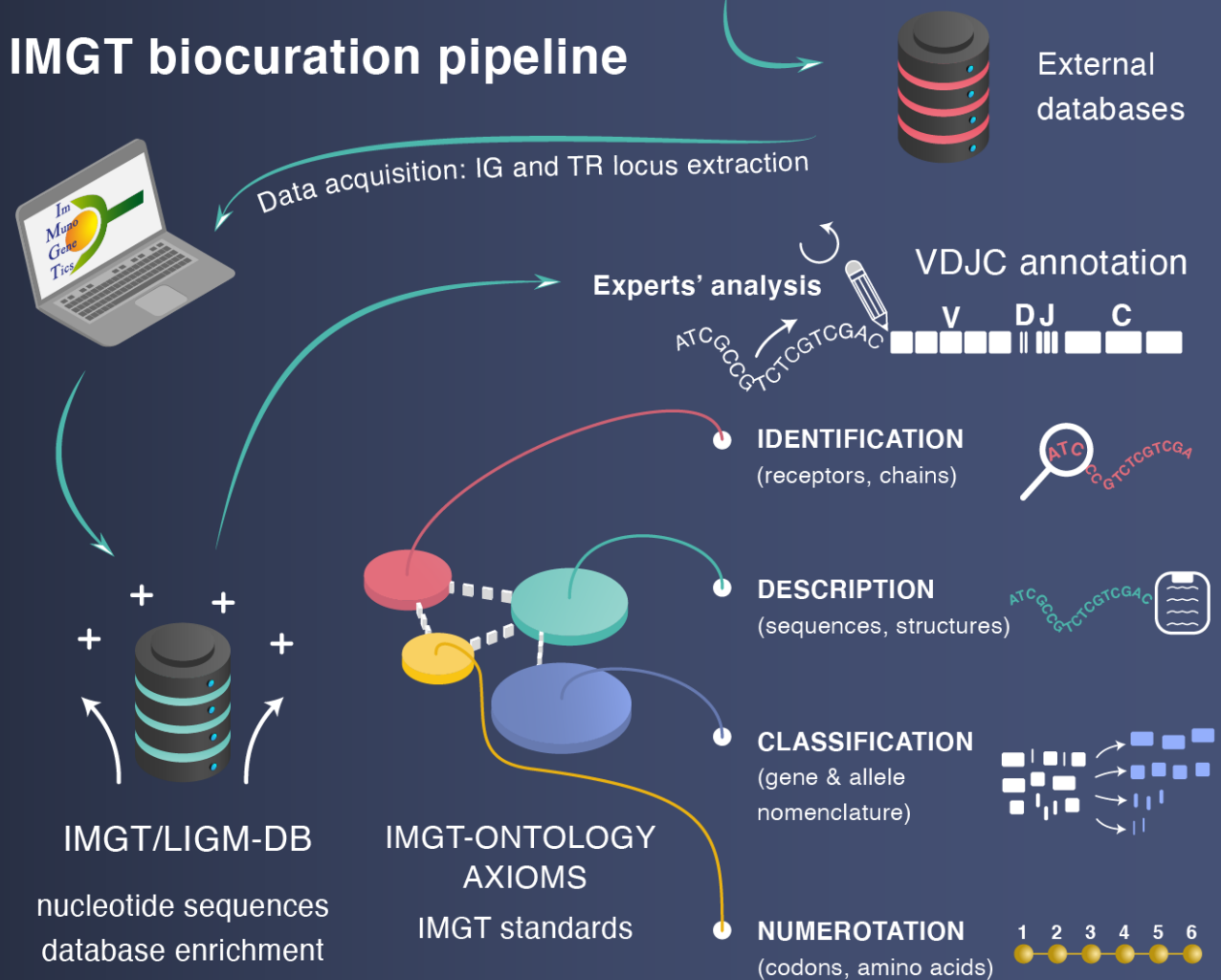


<http://www.imgt.org>

General context: vertebrates genome assembly



IMGT biocuration pipeline



Results: enriching IMGT core data sets

Databases enrichment, nomenclature assignment, standards enhancement

IMGT repertoire

- Locus representations
- Gene tables
- Protein display
- Alignments of alleles

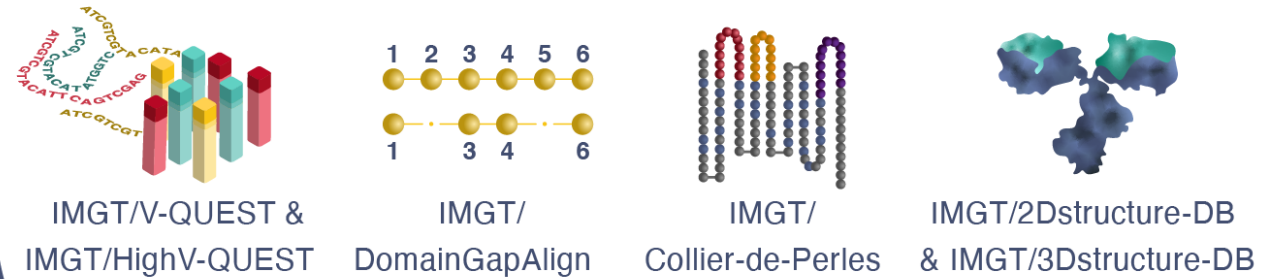
IMGT reference directory

- IG & TR genomic reference sequences

IMGT/GENE-DB

- IG & TR genes and alleles database

IMGT tools and databases using IMGT reference directory



Applications

- IG & TR sequence comparison

ATCGT Polymorphisms /
ATGGT mutations



- Comparative genomics

