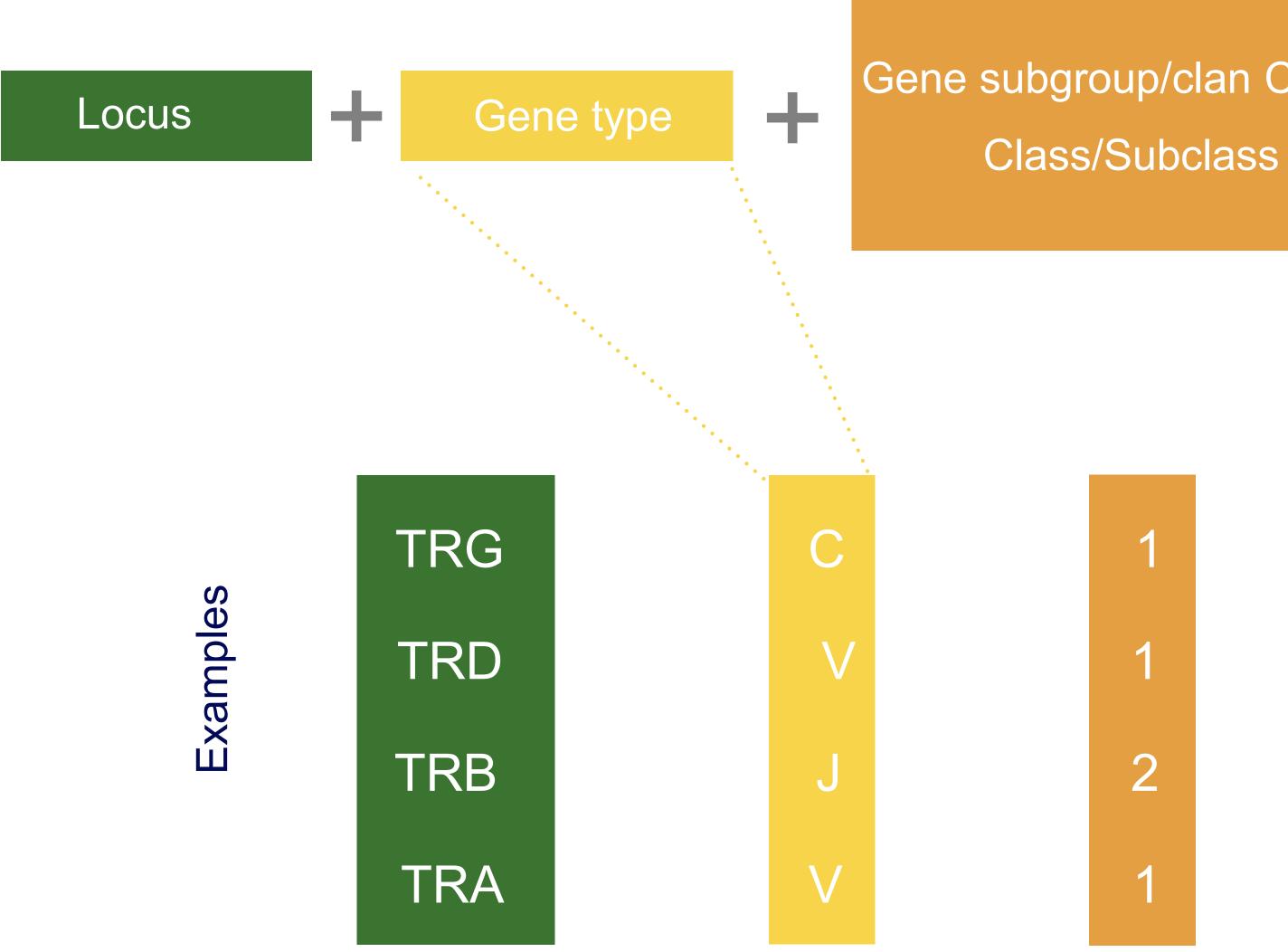
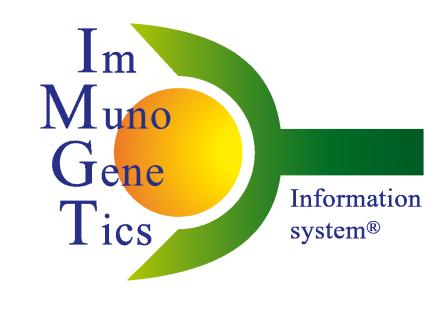
TR General rules for Gene names





Gene subgroup/clan Cluster

┥╋╸ **Gene Position**

1 1 2

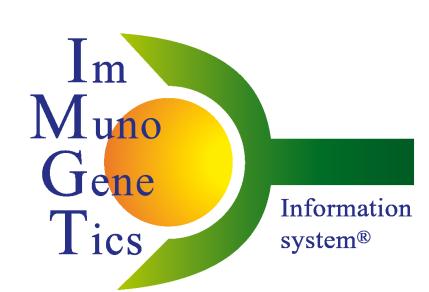






TR General rules for Gene names

Locus Gene type Gen	e sut
If T-cell receptor beta chain • Use TRB If T-cell receptor alpha chain • Use TRA If C-GENE • Use C • Use C • Use C • Use D • Use D • Use J • Use J • Use C • OR-IN • OR-REGIO	≥75% to subg by Ara a numbe oup num ination: ups of t enetical ted spe a speci up, if ne uous cas vGT len UNIT s er comp e seque



bgroup, Cluster or Subclass

ence identity in

- ogroup rabic ber
- Imber n: compare f the most ally related IMGTpecies, if possible. ecies-specific needed. In cases, consider engths, L-Vsequences, and
- nponents.
- uence identity 5%
- Identified by an uppercase
 Iatin letter by comparison with the closest species, or by alphabetic order from 5' to 3' for distant species.
- ... Assign to a Cluster or set

If D-GENE

and position

Cluster or set number determination : based on nucleotide sequence identity

If J-GENE

 Cluster or set number
 determination : based on nucleotide sequence identity and position and consider positions in D-J-C or J-C clusters

If C-GENE

Class/subclass determination: based on exon sequence identity %, prototypes, and gene order compared to closest species

---> For TRG

Assign cluster number based on J-C cluster positions

For TRD

Assign TRDC

---> For TRB

Assign cluster number based on D-J-C cluster positions

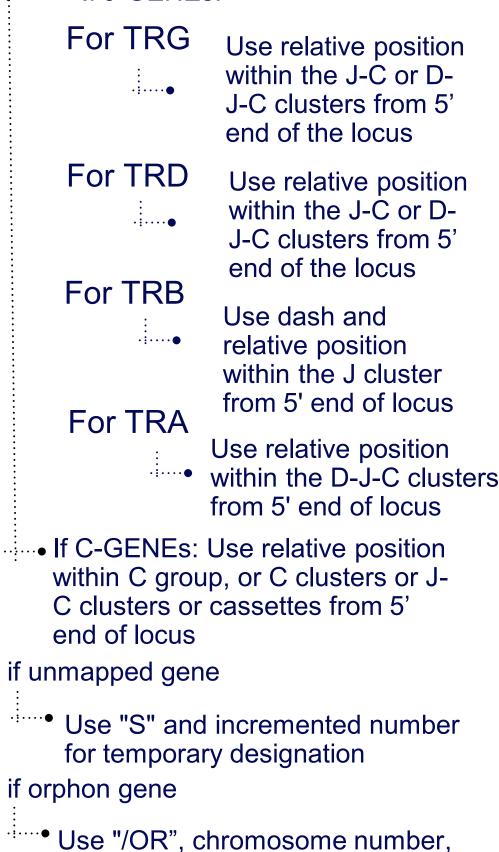
For TRA

Assign TRAC

Gene Position

if mapped gene in case of several genes in a given subgroup and/or set/cluster

- If V-GENEs: Use dash and relative position from 5' end of locus
- If D-GENEs: Use dash and relative position within the D-J-C clusters from 5' end of locus
- ••• If J-GENEs:





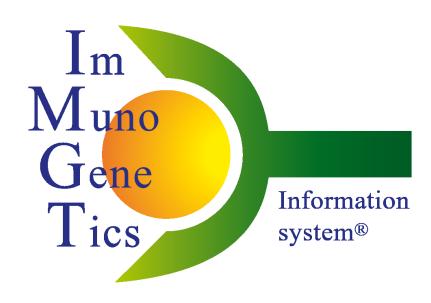


TR General rules for Allele names

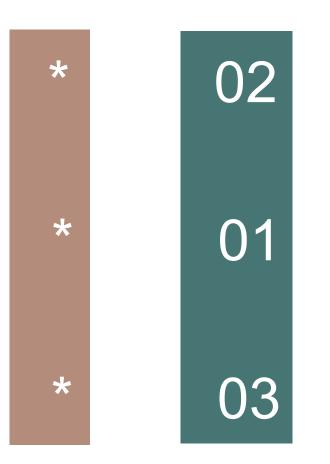


TRBC2

Examples



H A two figure number



The first allele has the number *01 and is considered as reference sequence; other alleles are designated by increasing numbers (*02, *03, ...) based, if possible, on chronological order of their publication, and/or confirmation of data by different authors.