

Summary of clusters of each species

```

OMICS_PROJECT.GENERAL_CLUSTERS_SPECIES
ID_GENERAL : int(11)
# SPECIE_ID : int(11)
# SPECIE_NAME : text
# GROUP_NUM_CLUSTER : int(11)
# ELEMENTS : int(11)
# ANNOTED_GENES : int(11)
# TILES : int(11)
# TILES_KNOW_RNA : int(11)
# P_VALUE_GROUP : text
# DATE_TIME : timestamp
    
```

- Internal id
- Species id
- Species name
- Cluster number
- Number of elements
- Number of annotated genes
- Number of tiles
- Number of Tiles with know Rna information
- Statistical pvalue of enrichment rna
- Creation date

Summary of species and their clusters

```

OMICS_PROJECT.SPECIES_INFORMATIONS
SPECIE_ID : int(11)
# SPECIE_NAME : text
# SPECIE_DESCRIPTION : text
# DATE_TIME : timestamp
# OrdrePhylo : int(11)
    
```

- Species id
- Species name
- Number of clusters
- Creation date
- Phylogenetic order

Detail of clusters for each species

```

OMICS_PROJECT.DETAIL_CLUSTERS_SPECIES
ID_DETAILS : int(11)
# GENBANK_FILE : text
# SPECIE_ID : int(11)
# SPECIE_NAME : text
# GROUP_NUM_CLUSTER : int(11)
# GENE_NAME : varchar(30)
# MOL_TYPE : varchar(30)
# DETAIL_DESCRIPTION : text
# START_ELEMENT : int(11)
# END_ELEMENT : int(11)
# STRAND : varchar(20)
# DATE_TIME : timestamp
# ID : int(11)
    
```

- Internal id
- Genbank Reference
- Species id
- Species name
- Cluster number
- Gene name
- Type of molecule (CDS, tRNA, rRNA...)
- Detail description of gene
- Start position of gene
- End position of gene
- Strand
- Creation date
- Internal gene id

Information Go-term

```

OMICS_PROJECT.Enrich_GO_term
id : int(25)
# organism : varchar(255)
# go_id_from_gi : int(25)
# Cluster : int(25)
# nb_CDS_Genome : int(25)
# nb_CDS_cluster : int(25)
# nb_CDS_goterm : int(25)
# nb_CDS_goterm_cluster : int(25)
# pvalue : float
# enrichissement : int(25)
# real_go_id : varchar(30)
# term : varchar(255)
    
```

- Internal id
- Organism name
- Gene ontology id
- Reference cluster
- Total CDS in genome
- Total CDS in cluster
- Total CDS with Go term
- Total CDS with Go term in this cluster
- Statistical pvalue
- Enrichment
- Detail Gene ontology id
- Description of Go term

GenBank references, size of the molecules of each species

```

OMICS_PROJECT.GENBANK_INFO
ID : int(30)
# SPECIE_ID : int(11)
# SPECIE_NAME : text
# Genbank_id : text
# Size : int(11)
    
```

- Internal id
- Species id
- Species name
- Genbank reference
- Molecule size

Average score for each cluster of each species

```

OMICS_PROJECT.SCORES2_SPECIES
ID : int(11)
# SPECIE_ID : int(11)
# SPECIE_NAME : text
# GROUP_NUM_CLUSTER : text
# SCORE_VALUE : text
# OrdreSpec : int(11)
    
```

Phylogenetic classification of species

```

OMICS_PROJECT.SPECIES_ORDER
ID : int(11)
# SPECIE_NAME : text
# ORDER : int(11)
    
```

- Internal id
- Species name
- Phylogenetic order

join main

join secondary

- Internal id
- Species id
- Species name
- Cluster number
- Average score of cluster elements against species « ordre spec »
- Phylogenetic order of species