ProteoRE

# Venn diagram

- Purpose: comparing lists of ID and plotting venn diagram using Jvenn plug-in
- Input: 2 to 6 lists of identifiers - ID Converter on dataset Lacombe et al. and 2 other datasets published in Micilli et al. and Bredberg et al.

14

**Venn diagram compare lists plotting Venn Diagram (based on Jvenn). (Galaxy Version 1.0)** ▾ Options

**Lists to compare**

**1: Lists to compare**

**Please provide your identifiers**

Copy/paste your identifiers

Copy/paste or ID list from a file (e.g. table)

**Copy/paste your identifiers**

IDs must be separated by spaces into the form field, for example: P31946 P62258

**Please enter the name of this list**

This name will be displayed on venn diagram

**2: Lists to compare**

**Please provide your identifiers**

Copy/paste your identifiers

Copy/paste or ID list from a file (e.g. table)

**Copy/paste your identifiers**

IDs must be separated by spaces into the form field, for example: P31946 P62258

**Please enter the name of this list**

This name will be displayed on venn diagram

+ Insert Lists to compare

History

Rechercher des données

23/01/18

7 shown, 4 deleted

89.58 KB

11: Mucilli.txt

10: Bredberg.txt

9: Expression levels by tissue (from HPA) on data 4

4: ID Converter on data 2

3: Filter lines by keywords or numerical value on Lacombe et al 2017 OK.txt - Removed lines

2: Filter lines by keywords or numerical value on Lacombe et al 2017 OK.txt

1: Lacombe et al 2017 OK.txt

**Venn diagram compare lists plotting Venn Diagram (based on Jvenn). (Galaxy Version 1.0)** ▾ Options

**Lists to compare**

**1: Lists to compare**

**Please provide your identifiers**

Copy/paste your identifiers

Copy/paste or ID list from a file (e.g. table)

**Copy/paste your identifiers**

IDs must be separated by spaces into the form field, for example: P31946 P62258

**Please enter the name of this list**

This name will be displayed on venn diagram

**2: Lists to compare**

**Please provide your identifiers**

Copy/paste your identifiers

Copy/paste or ID list from a file (e.g. table)

**Copy/paste your identifiers**

IDs must be separated by spaces into the form field, for example: P31946 P62258

**Please enter the name of this list**

This name will be displayed on venn diagram

+ Insert Lists to compare

History

Rechercher des données

23/01/18

7 shown, 4 deleted

89.58 KB

11: Mucilli.txt

10: Bredberg.txt

9: Expression levels by tissue (from HPA) on data 4

4: ID Converter on data 2

3: Filter lines by keywords or numerical value on Lacombe et al 2017 OK.txt - Removed lines

2: Filter lines by keywords or numerical value on Lacombe et al 2017 OK.txt

1: Lacombe et al 2017 OK.txt

**Venn diagram compare lists plotting Venn Diagram (based on Jvenn). (Galaxy Version 1.0)** Options

**Lists to compare**

**1: Lists to compare**

**Please provide your identifiers**

Copy/paste your identifiers

Copy/paste or ID list from a file (e.g. table)

**Copy/paste your identifiers**

IDs must be separated by spaces into the form field, for example: P31946 P62258

**Please enter the name of this list**

This name will be displayed on venn diagram

**2: Lists to compare**

**Please provide your identifiers**

Copy/paste your identifiers

Copy/paste or ID list from a file (e.g. table)

**Copy/paste your identifiers**

IDs must be separated by spaces into the form field, for example: P31946 P62258

**Please enter the name of this list**

This name will be displayed on venn diagram

+ Insert Lists to compare

History

Rechercher des données

23/01/18

7 shown, 4 deleted

89.58 KB

11: Mucilli.txt

10: Bredberg.txt

9: Expression levels by tissue (from HPA) on data 4

4: ID Converter on data 2

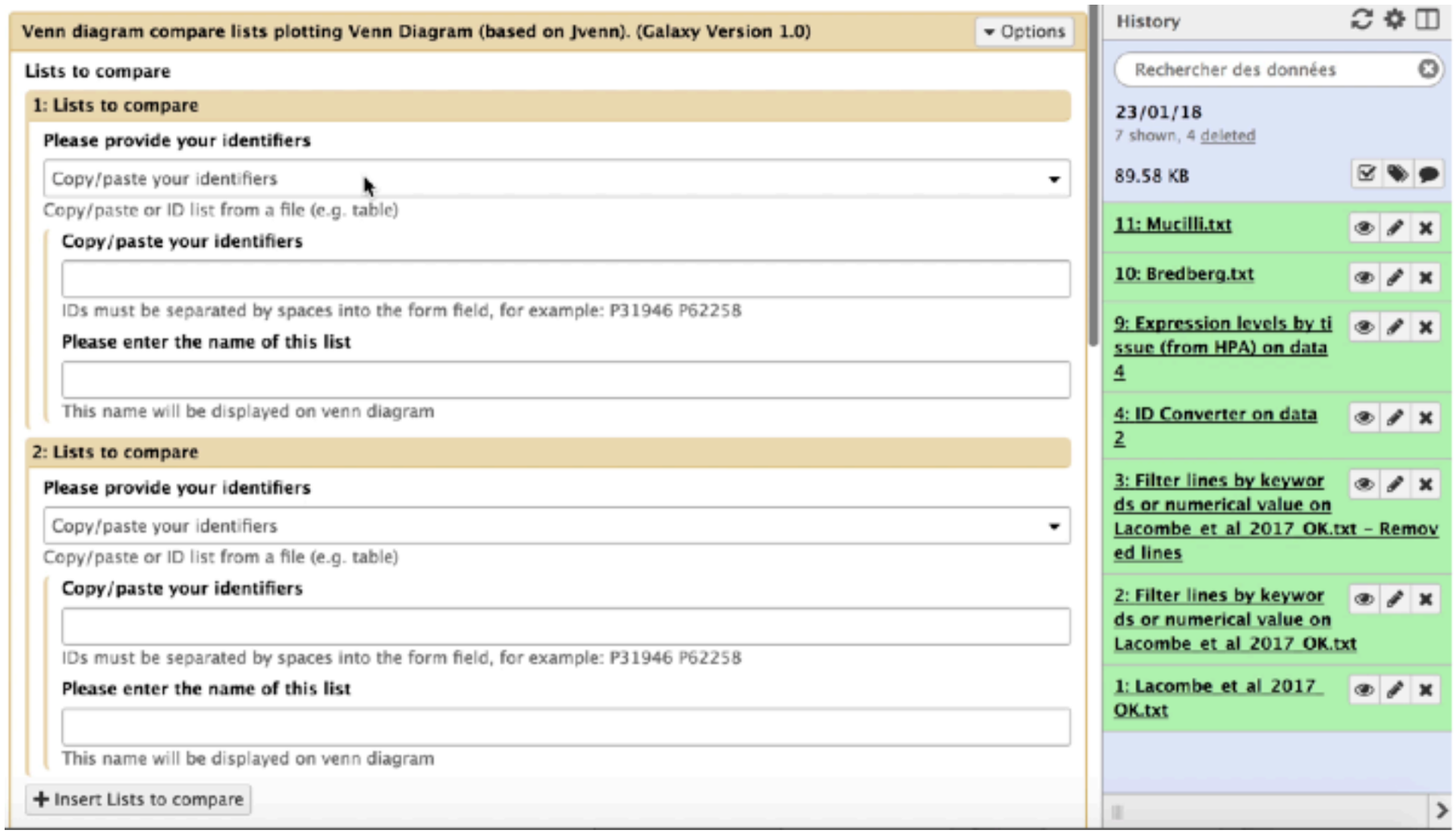
3: Filter lines by keywords or numerical value on Lacombe_et_al_2017_OK.txt - Removed lines

2: Filter lines by keywords or numerical value on Lacombe_et_al_2017_OK.txt

1: Lacombe_et_al_2017_OK.txt

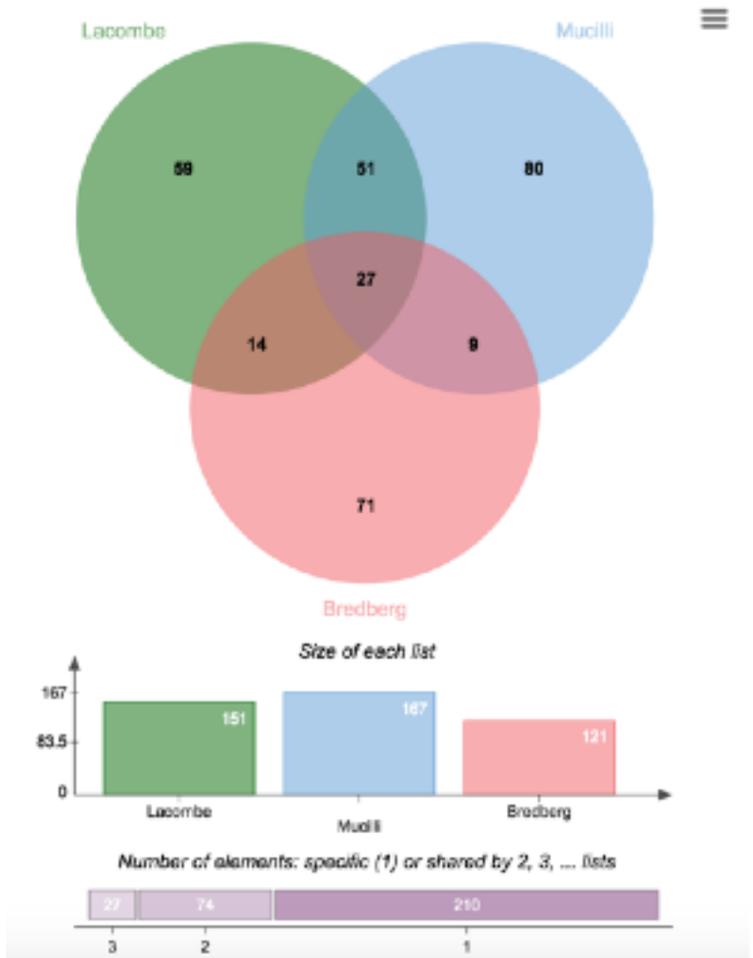
# Venn diagram

- Purpose: comparing lists of ID and plotting venn diagram using Jvenn plug-in
- Input: 2 to 6 lists of identifiers - ID Converter on dataset Lacombe et al. and 2 other datasets published in Micilli et al. and Bredberg et al.



# Venn diagram

- Results




Venn diagram and statistic

| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|---|---|---|---|---|---|---|
| Lacombe | Bredberg | Mucilli | Mucilli_Bredberg | Lacombe_Bredberg | Lacombe_Mucilli_Bredberg | Lacombe_Mucilli |
| P0DMV9 | P04217 | Q7Z794 | Q13835 | P02787 | P02768 | P08779 |
| Q9Y6R7 | P02649 | P51149 | P01023 | P01833 | P10599 | P04259 |
| P30740 | Q7Z351 | P17900 | P59665 | P01625 | P07355 | O75223 |
| P68363 | P08758 | Q96KK5 | Q15517 | P22528 | Q01469 | P47756 |
| O75635 | Q9UBC9 | P10809 | P05109 | Q9UGM3 | P68871 | P06733 |
| O60911 | P02760 | O43175 | P60709 | Q96DA0 | P07900 | P20933 |
| P61160 | O95436 | Q6ZVX7 | P62805 | P02763 | P15924 | Q9NZH8 |
| Q15828 | P02647 | P01861 | Q5D862 | P61916 | P25311 | P09211 |
| P23284 | P15814 | P14174 | P07737 | P01009 | Q86YZ3 | P04792 |
| P20930 | Q9NSK0 | P01593 | | P12273 | P05089 | P36952 |
| P01860 | P01717 | Q15365 | | Q13867 | Q08188 | P01040 |
| Q96FX8 | P04117 | P37802 | | P01765 | P04406 | P60174 |
| P62937 | Q13885 | P29373 | | P01036 | P07339 | P26641 |
| Q15149 | P01591 | P30050 | | P01011 | P06396 | P14618 |
| P25705 | O95613 | Q6EDU4 | | | P00338 | P31944 |
| P19971 | P01880 | P23526 | | | P61626 | Q8N1N4 |
| O75342 | P04233 | Q13748 | | | P04083 | P04075 |
| Q92820 | P01598 | P05120 | | | Q02413 | P14923 |
| P25788 | P01621 | Q14134 | | | P27482 | Q8WVV4 |
| Q9HCY8 | Q9UL77 | P68431 | | | P01871 | O75369 |
| P19012 | P05362 | P35527 | | | P80188 | P00558 |
| Q8TAX7 | P01024 | Q5XKE5 | | | P31947 | P19013 |
| P42357 | Q86SJ6 | O15523 | | | P31025 | Q5T750 |
| P50395 | P12429 | P25787 | | | Q96P63 | P14735 |
| P01766 | P43652 | P22392 | | | P63104 | P47929 |

Text file, each column is the common IDs of lists named in header

**Jvenn plug-in: Philippe Bardou, Jérôme Mariette, Frédéric Escudié, Christophe Djemiel and Christophe Klopp. jvenn: an interactive Venn diagram viewer. BMC Bioinformatics 2014, 15:293 doi:10.1186/1471-2105-15-293**