ViBrism DB

https://vibrism.neuroinf.jp

a Quick Instruction Manual for 3D Expression Map Search

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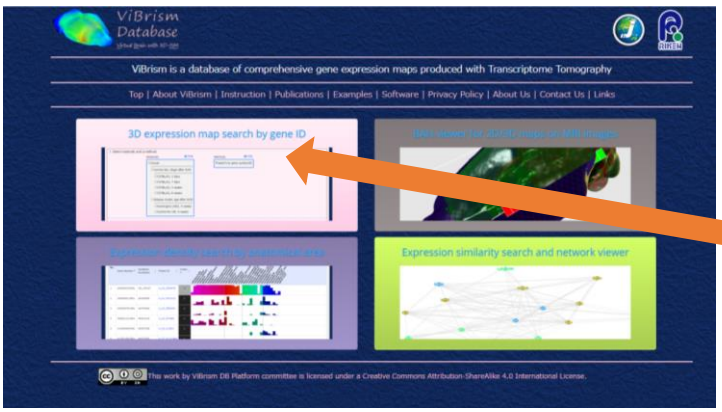
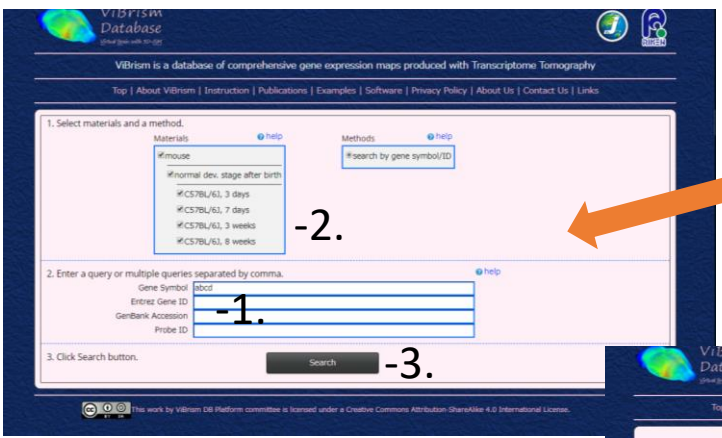
20180608

I. Open a platform of “3D expression map search by gene ID” (Fig. 1).
II. Search genes of interest (target genes) by gene IDs in materials (Fig. 2)

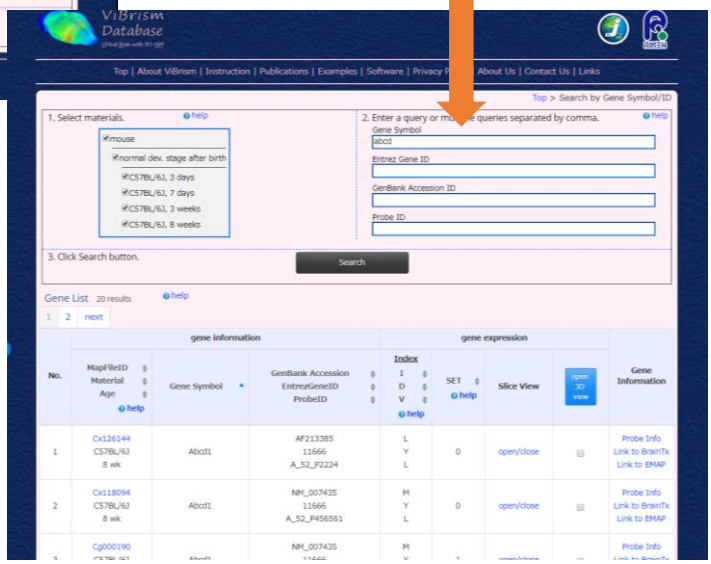


Click a icon to open the platform

Fig.1 ViBrism DB top-page platforms



For searching genes of interest
-1. type gene IDs
-2. select materials and
-3. click the “ search ” button.
Then you will see the search result*.
-4. re-select genes , if needed



*

Fig.2 an example view of selecting genes

III. Select interested maps:

a. click arrowheads to sort results

b. open to see 2D slice views of maps as thumb nails

c. check small square buttons and click “open a 3D view” button.

or

d. proceed to the SET search platform
(see the quick manual for SET search)

e. download gene expression map files (vcat format)
(to see the file, you need to download V-Cat software in the software tab).

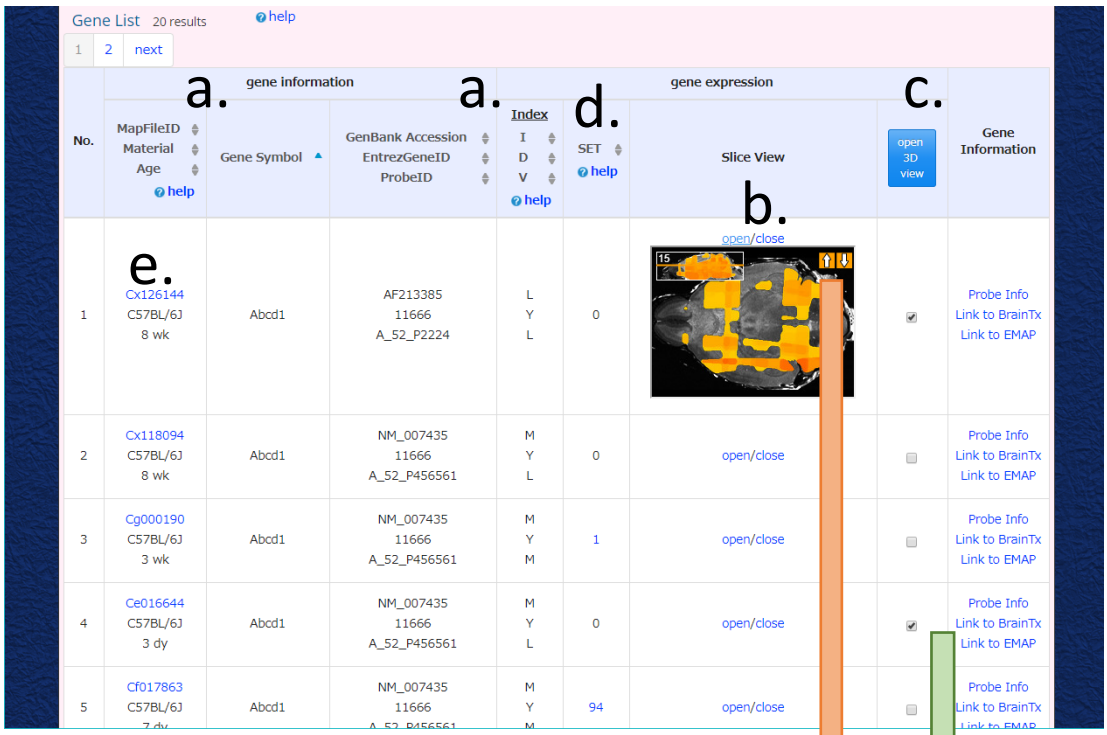
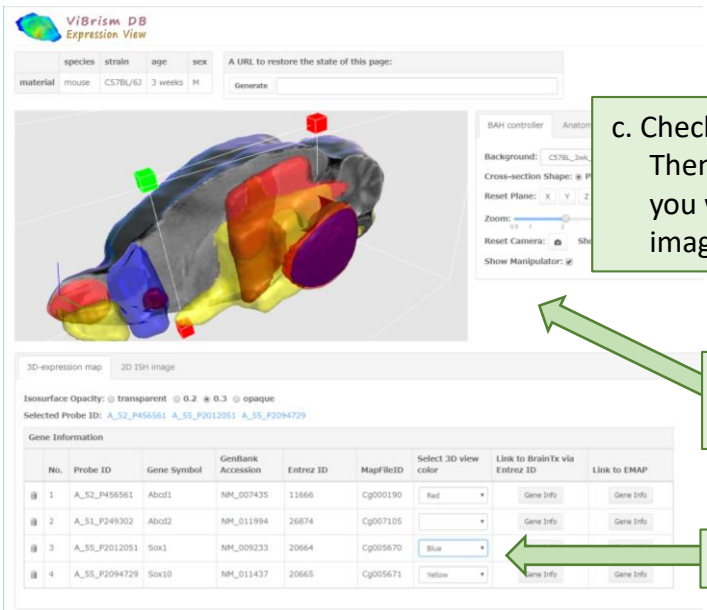


Fig.3 an example view of selecting genes (cont.)

b. Click arrows to move thumb nails.



c. Check buttons and click “open a 3D view” button.
Then,
you will see multiple expression maps on the MRI image of the selected age.

-2. manipulate the cross-section plane, camera position and zoom.

-1. select colors for gene display

Fig.4 an example view of 3D map viewer