ViBrism DB

https://vibrism.neuroinf.jp

a Quick Instruction Manual for the BAH Viewer

Ver.1, By ViBrism DB Committee 20180310

I. Open a platform for searching*

- a. 3D expression map images in maturation/adult stages with gene IDs,
- b. 2D**/3D expression map images in the adult stage with gene IDs,
- c. 3D expression map images in the adult stage with anatomical information and
- d. 3D expression map images in maturation/adult stages with co-expression.

Then, select images.

- * Full instruction manuals for searching gene expression maps on the platforms are separately available.
- ** 2D ISH image maps are only available for the adult stage, nowadays.



Fig.1 ViBrism DB top-page platforms

					Top > Search Result	
1. Select materials. ▲ We normal dev. stage after birth ▲ CS7BU/05, 8 weeks (Select at least 1 material)			2. Enter a query or multiple queries separated by comma. Gere symbol tra Entrez ID Gerbank Accession Brain'ts (magic ID -2.			For searching maps of interest -1. type gene IDs and -2. click the "search " button.
3. Click Search button. Swedt				-4	prev next	Then you will see the search result.
No.	Material I Age I	Gene Symbol	Entrez ID	Open 3D view	Gene Information	
1	CD00832 C57BL/63 8 weeks	Foxn3	NM_183186 71375		Link to BrainTx Link to EMAP	And for selecting images -3. mark checks and -4. click the " open 3D view" buttor
2	CD02840 C578L/63 8 weeks	Foxm2	AK031639 14236	3. *	Link to Brass	
3	CD09503 C57BL/6J 8 weeks	Foxp1	AK031837 108655	×	Link to BrainTx Link to EMAP	
4	CD10985 C578L/63 8 weeks	Foxp2	AK164319 114142	×	Link to BrainTx Link to EMAP	· · · · · · · · · · · · · · · · · · ·

Fig.2 an example view of selecting images

II. Browse the selected images of

- a. 3D expression maps
- b. 2D ISH images
- c. MRI images
- d. anatomical area maps

in the BAH Viewer on the obituary planes or rectangular planes.

Then, save images as an unique URL of the view.



Fig.3 Example views of images in BAH Viewer



Fig. 4 Manipulating 3D images in the BAH Viewer with the obituary plane



Fig.5 Manipulating 3D images in the BAH Viewer with rectangular planes