

Adding sample attributes

Attributes describe samples. Examples of sample attributes include treatment group, age, sex, and time point. Attributes can be added individually in the *Metadata* tab or in bulk using a text file. In this tutorial, we will add one attribute, *5-AZA Dose*, manually.

- Click the **Metadata** tab
- Click **Manage** under *Sample attributes* (Figure 1)

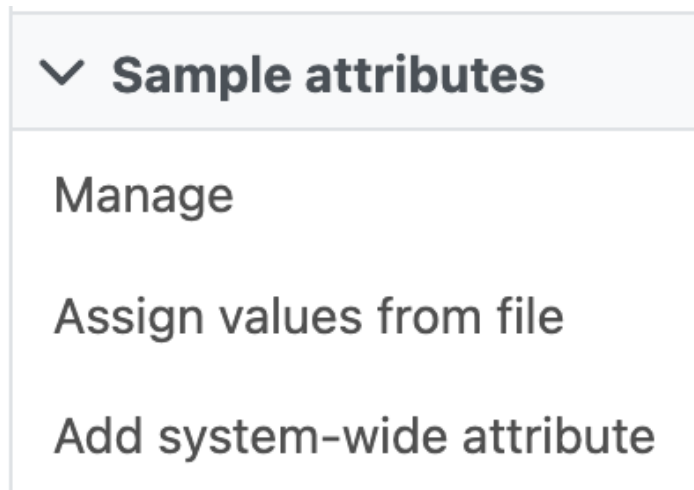


Figure 9. Adding sample attributes manually

- Click **Add new attribute** (Figure 2)

Sample Attributes

No sample attributes have been added to the project.



Figure 10. Adding a new attribute

- To configure a new attribute, at Name, type in **5-AZA Dose** as the name of the attribute
- Click **Add** to add *5-AZA Dose* as a categorical, project-specific attribute (Figure 3)

Add new attribute ×

Name

Attribute type ☒ Categorical ☐ Numeric

Visibility ☒ Project-specific ☐ System-wide

☐ Only modifiable by some users

Add

Figure 11. Configuring a new attribute

- Name the first *New category* **0uM**
- Click the green plus icon to add category (Figure 4)
- Repeat for two additional categories, **5uM** and **10uM** (Figure 5)

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Sample Attributes

5-AZA Dose

⋮

New category

0uM

+

Add category

Add new attribute

Add system-wide attribute

Back to metadata tab

Figure 12. Creating attribute category

Sample Attributes

5-AZA Dose

⋮

0uM

⋮

5uM

⋮

10uM

⋮

New category

+

Add new attribute

Add system-wide attribute

Back to metadata tab

Figure 13. All category attributes for 5-AZA Dose

- Click **Back to metadata tab**

The data table now includes an *Attribute* column for 5-AZA Dose (Figure 6). Next, we need to assign samples attribute categories for 5-AZA Dose.

▼ Import			Attributes
	Sample name		5-AZA Dose
Add data			
▼ Sample attributes			
Manage	1	SRR592573	N/A
Assign values	2	SRR592574	N/A
Assign values from file	3	SRR592575	N/A
Add system-wide attribute	4	SRR592576	N/A
	5	SRR592577	N/A
	6	SRR592578	N/A
	7	SRR592579	N/A
	8	SRR592580	N/A
	9	SRR592581	N/A
Show data files Download			

Figure 14. Data table updated with column for 5-AZA Dose

- Select **Assign values**

The option to edit the *5-AZA Dose* field for each sample will appear as a drop-down menu (Figure 7).

		Attributes
	Sample name	5-AZA Dose
▼ Import		
Add data		
▼ Sample attributes		
Manage		
Assign values		
Assign values from file		
Add system-wide attribute		
1	SRR592573	N/A
2	SRR592574	N/A
3	SRR592575	N/A
4	SRR592576	N/A
5	SRR592577	N/A
6	SRR592578	N/A
7	SRR592579	N/A
8	SRR592580	N/A
9	SRR592581	N/A

Apply changesDiscard changes

Figure 15. Dropdown menu to select treatment for each sample

- Select the *5-AZA Dose* text box for a sample to bring up a drop-down menu with the *5-AZA Dose* attribute categories (0uM, 5uM, 10uM)
- Use the drop-down menus to add a treatment group for each sample

The first three samples (SRR592573-5) should be **0uM**, the next three samples (SRR592576-8) should be **5uM**, and the final three samples (SRR592579-81) should be **10uM** (Figure 8).

- Click **Apply changes**

	Sample name	Attributes	
		5-AZA Dose	
1	SRR592573	0uM	▼
2	SRR592574	0uM	
3	SRR592575	0uM	
4	SRR592576	5uM	
5	SRR592577	5uM	
6	SRR592578	5uM	
7	SRR592579	10uM	
8	SRR592580	10uM	
9	SRR592581	10uM	

Apply changes

Discard changes

Figure 16. Add 5-AZA dose to each sample as shown

The data table will now show each a 5-AZA Dose attribute for each sample.

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Additional Assistance

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