

(Shilpa Only) - New - Verify The Class Name Around Each Boxed Sea Animal In This Image - No New Boxes

Instructions ▲

Overview

In this job, you will be validating bounding boxes around animals and trash in deep-sea images. These bounding boxes are proposals from machine learning algorithms. Your job is to approve or correct the machine class labels. Do not add additional bounding boxes and do not resize existing boxes. If multiple boxes exist on a single animal you may remove the additional, unnecessary boxes. Review the images and approve or correct the class label. They should be labeled using the most appropriate class based on their physical appearance. Again, do not draw any new boxes in the image.

Steps

1. **Review** the Image
2. If the image doesn't appear or there are no ocean animals or trash to annotate, select the checkbox below the image.
3. For each animal or trash in the image, verify that the machine learning-proposed class label(s) belong to one of the following 18 classes:

Classes to use for labeling objects, please review the below example images:

Anemone
Ball
Carnivorous-sponge
Clam
Crab-Shrimp
Disk
Fan
Fish
Flower
Jellyfish
Octopus-Squid
Pen
Snail
Sponge
Star
Trash
Worm
Unknown

See the examples below for a representative image for each class.

Rules and Tips

- Verify that the class label matches the animal or trash to the best of your ability and correct the label if necessary.
- If you are uncertain how to classify an object either leave the machine learning proposal or select 'unknown' for its class.
- Please refer to the example images below for examples from each class, the links provided will give even more exemplary images for each class.
- Do not spend an exorbitant amount of time guessing which class an object belongs to.

For more information about the deep-sea animals you are likely to encounter in these images, see MBARI's Deep Sea Guide:

<http://dsg.mbari.org/dsg/home>

Thank you for your interest in this project!

Examples of each class

Class

Example



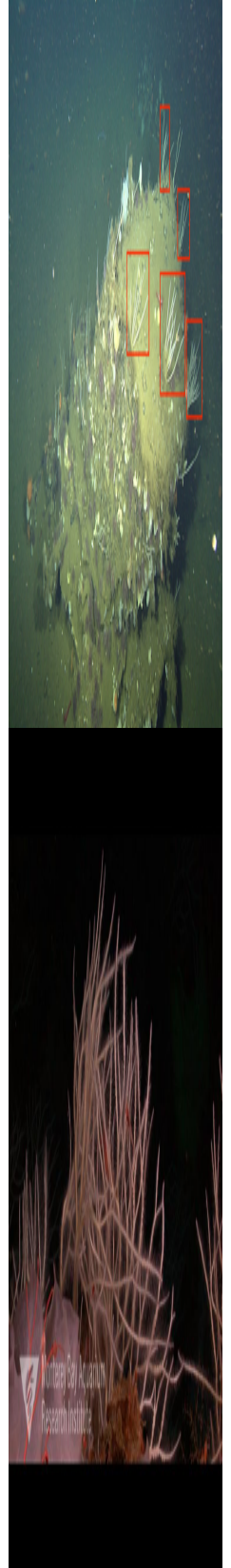
Anemone,
<http://dsg.mbari.org/dsg/images/concept/Actiniaria>



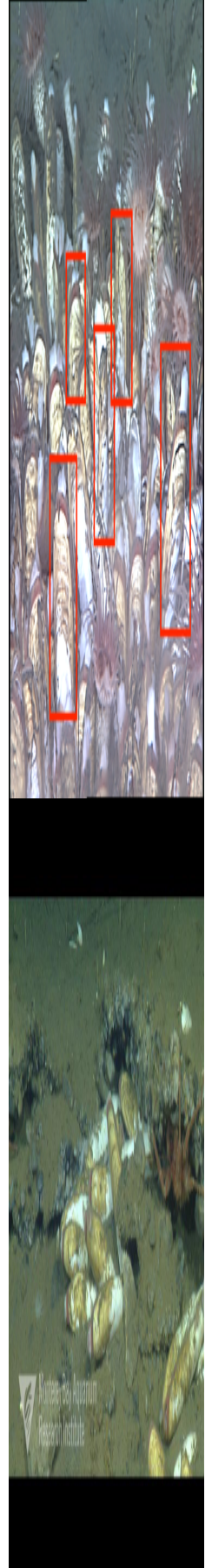
Ball, <http://dsg.mbari.org/dsg/images/concept/Echinoidea>



Carnivorous-sponge,
<http://dsg.mbari.org/dsg/images/concept/Cladorhizidae>



Clam,
<http://dsg.mbari.org/dsg/images/concept/Bivalvia>



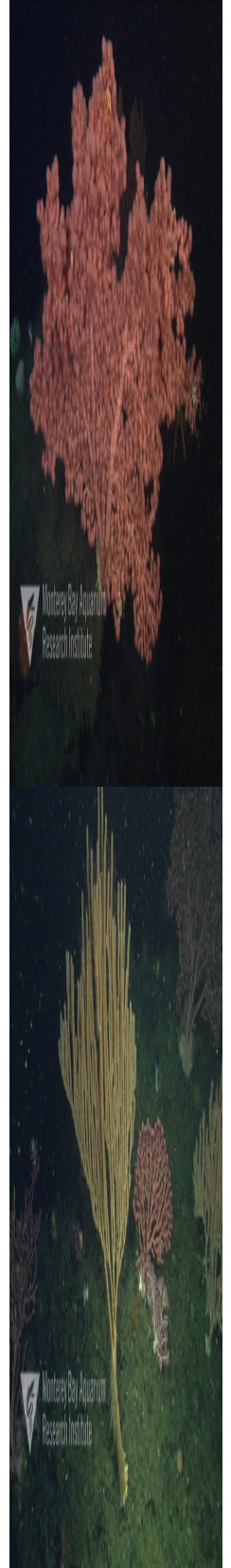
Crab-shrimp,
<http://dsg.mbari.org/dsg/images/concept/Decapoda>



Disk,
<http://dsg.mbari.org/dsg/view/concept/Thenea%20muricata>

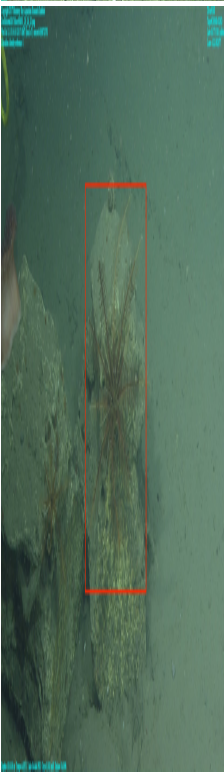


Fan,
<http://dsg.mbari.org/dsg/images/concept/Alcyonacea>



Fish,
<http://dsg.mbari.org/dsg/images/concept/Gnathostomata>

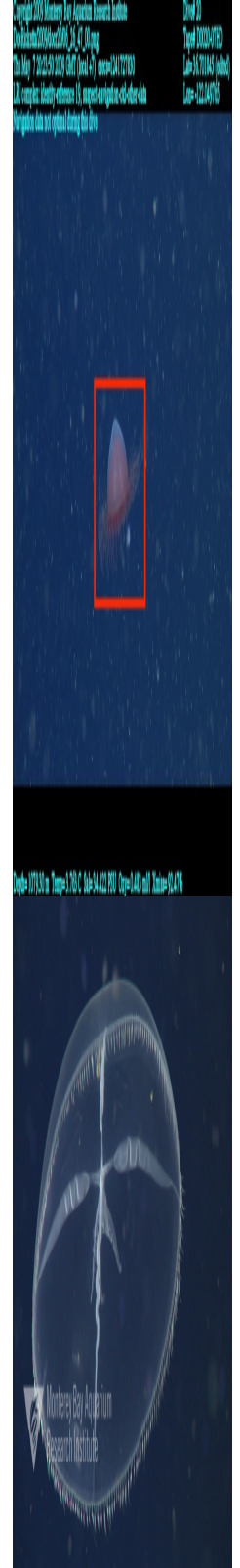




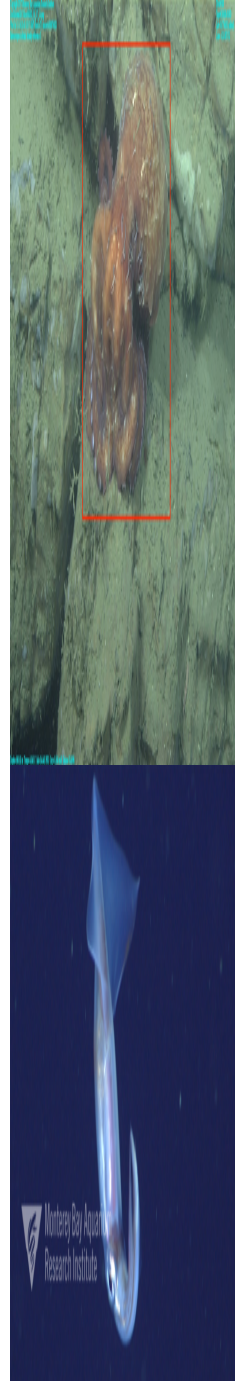
Flower, <http://dsg.mbari.org/dsg/images/concept/Crinoidea>

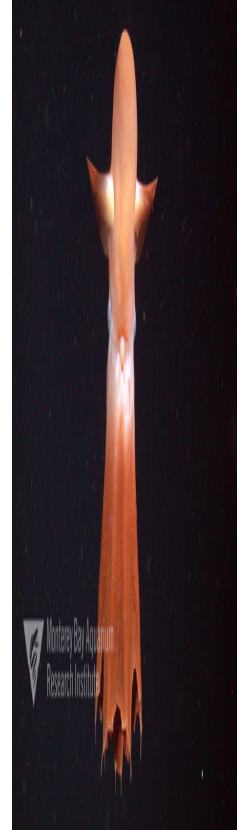


Jellyfish,
<http://dsg.mbari.org/dsg/images/concept/Scyphozoa>



Octopus-Squid,
<http://dsg.mbari.org/dsg/images/concept/Cephalopoda>



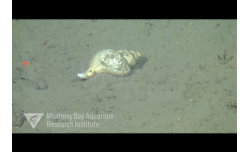


Pen,
<http://dsg.mbari.org/dsg/images/concept/Pennatulacea>

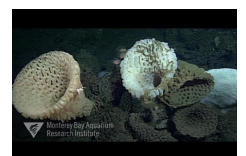


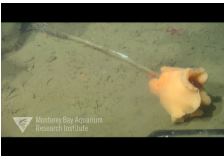
Snail,

<http://dsg.mbari.org/dsg/images/concept/Gastropoda>



Sponge,
<http://dsg.mbari.org/dsg/images/concept/Hexactinellida>

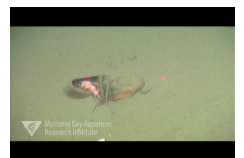
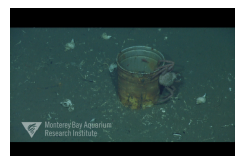
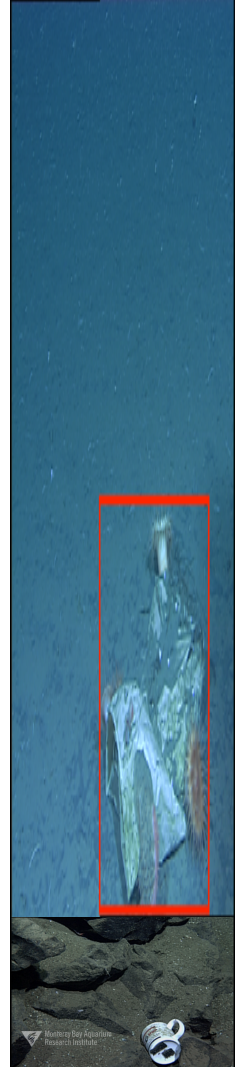




Star,
<http://dsg.mbari.org/dsg/images/concept/Asteroidea>



Trash,
<http://dsg.mbari.org/dsg/images/concept/trash>





Worm - These should will be worm-shaped animals and incude sea cucumbers and true worms.
<http://dsg.mbari.org/dsg/images/concept/Polychaeta>
<http://dsg.mbari.org/dsg/images/concept/Holothuroidea>

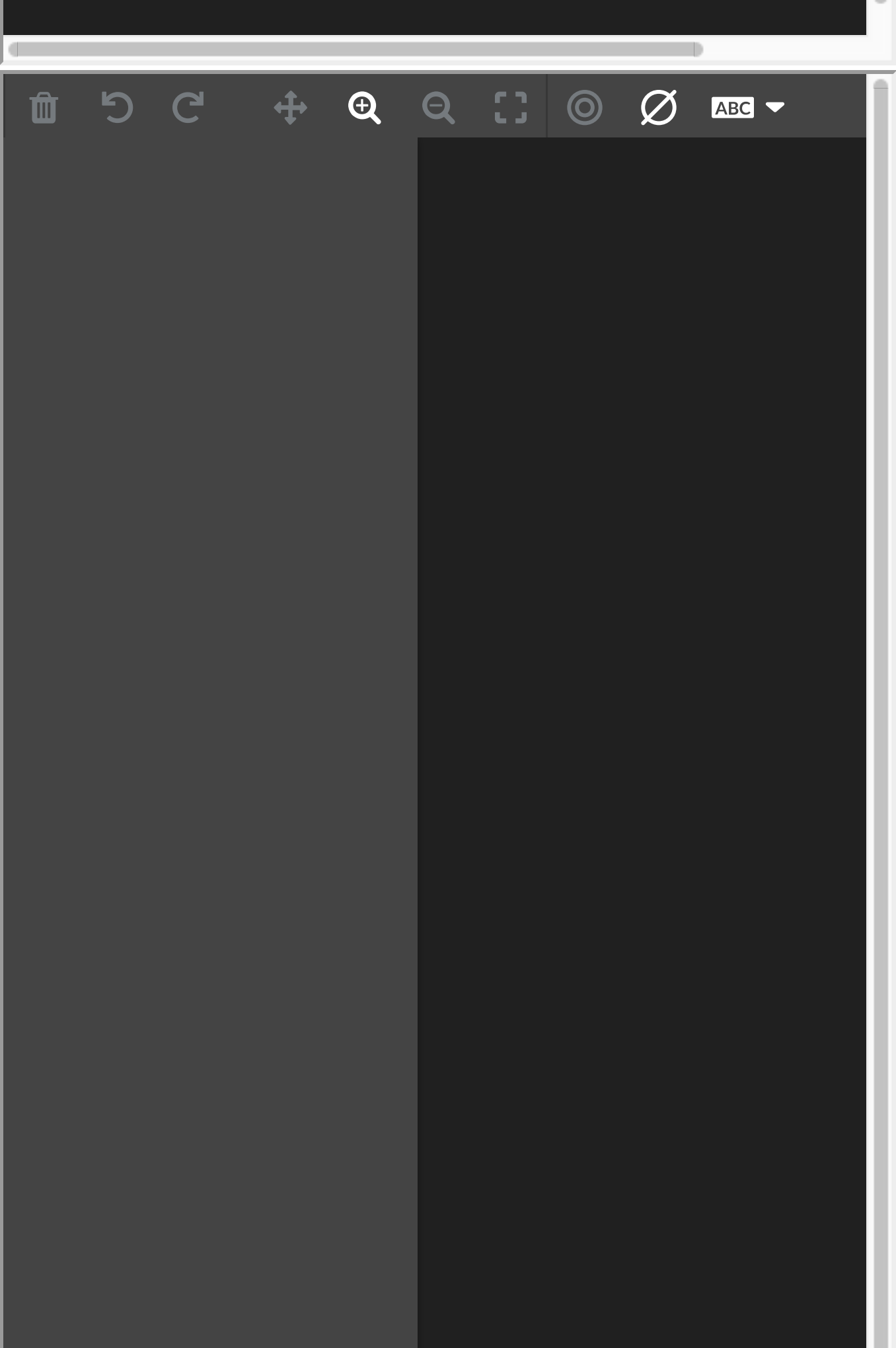


Unknown

Steps:

1. Review the Image in the tool below
2. Confirm that object boxes has the correct class name. If it doesn't, click that box and then double-click the new class to change the class
3. Do not draw any new boxes in the image





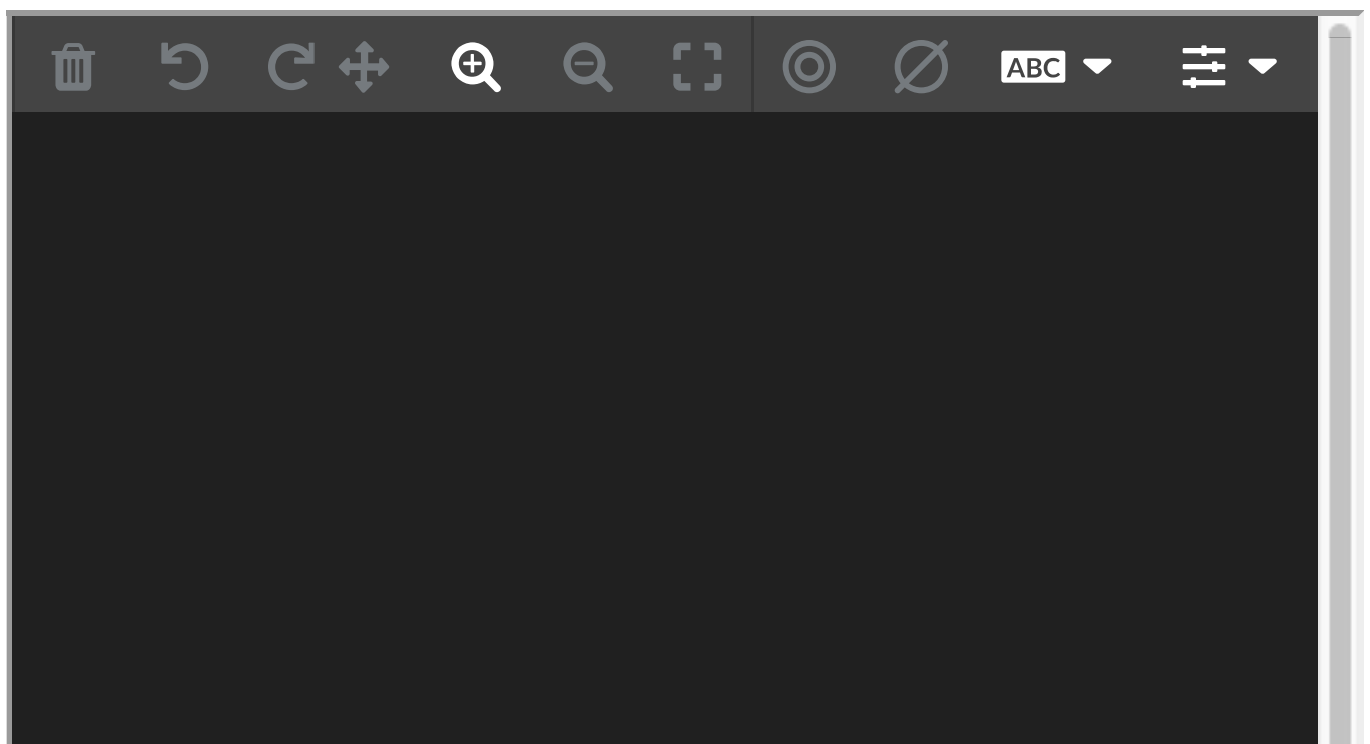


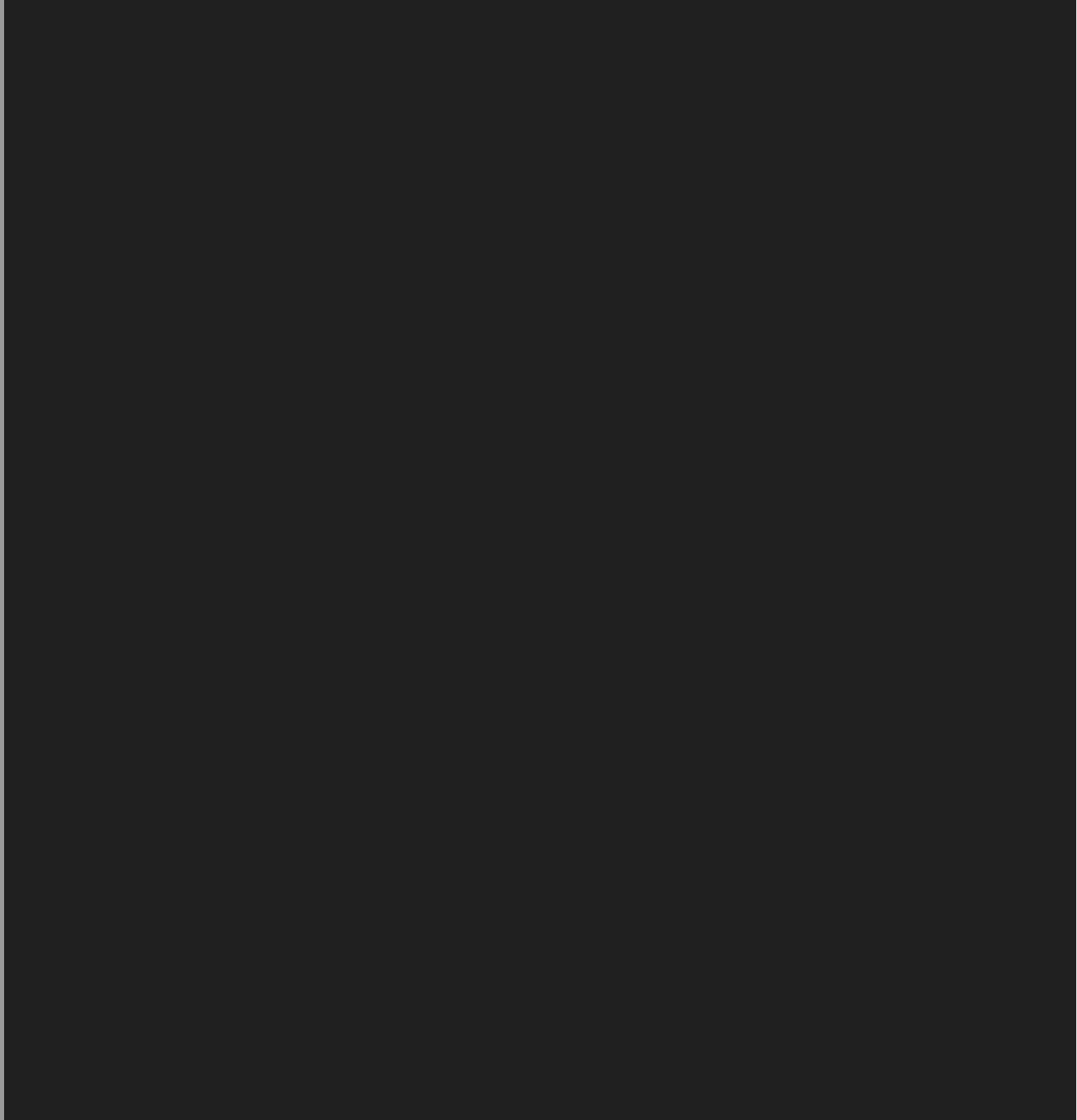
☐ Click here if the image doesn't appear

☐ Click here if there is nothing to annotate in the image

Steps:

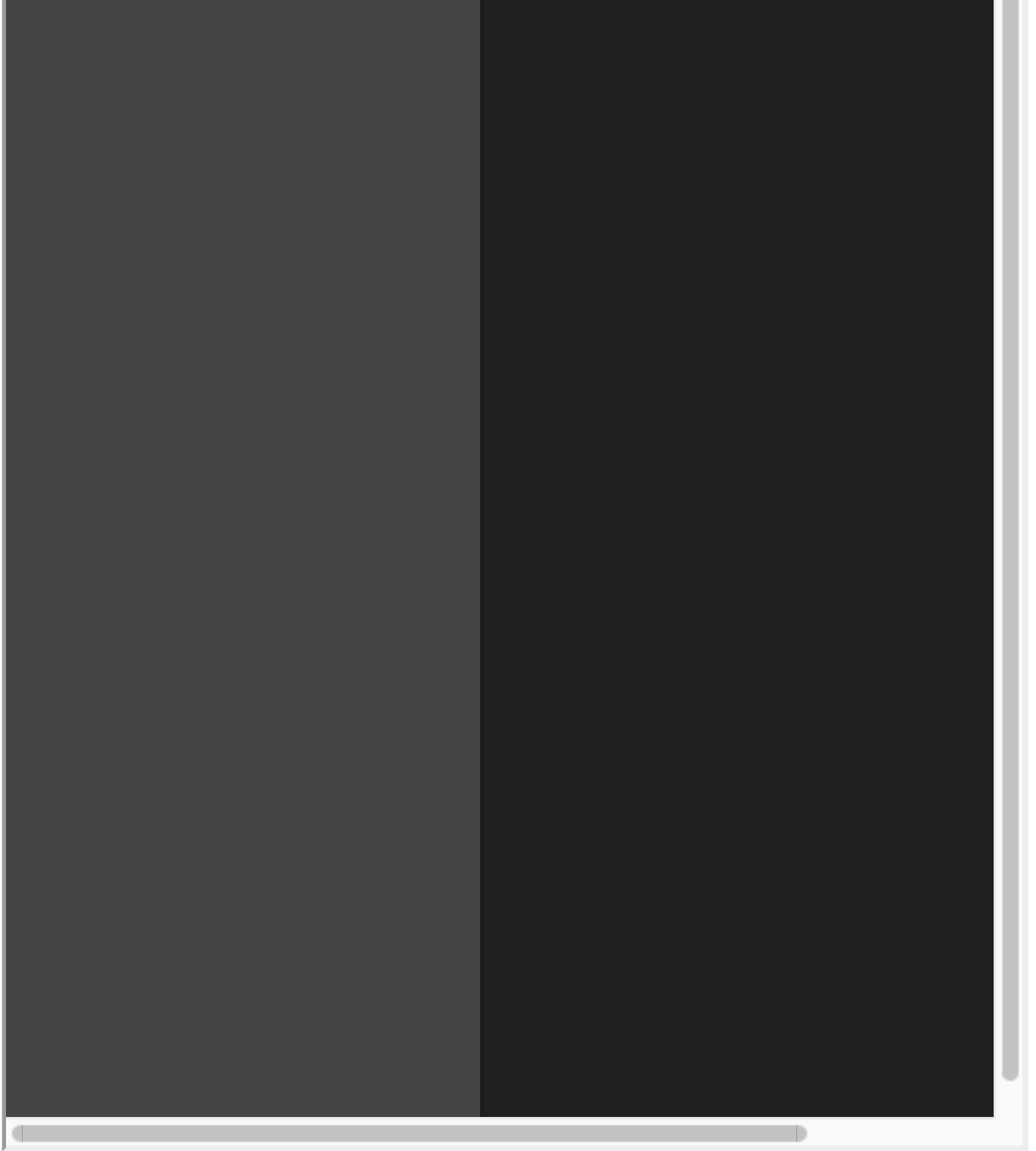
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ABC ▼



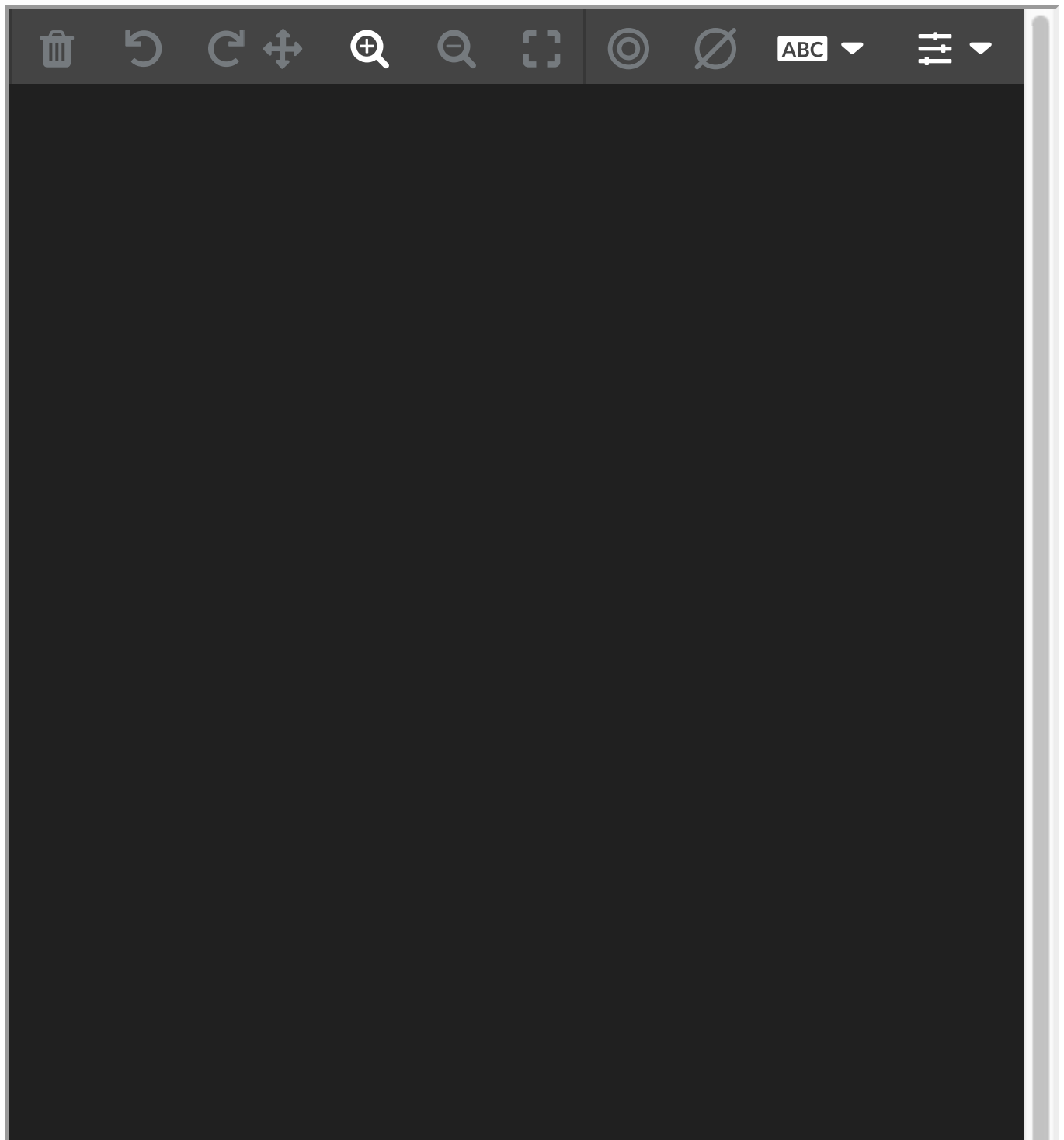


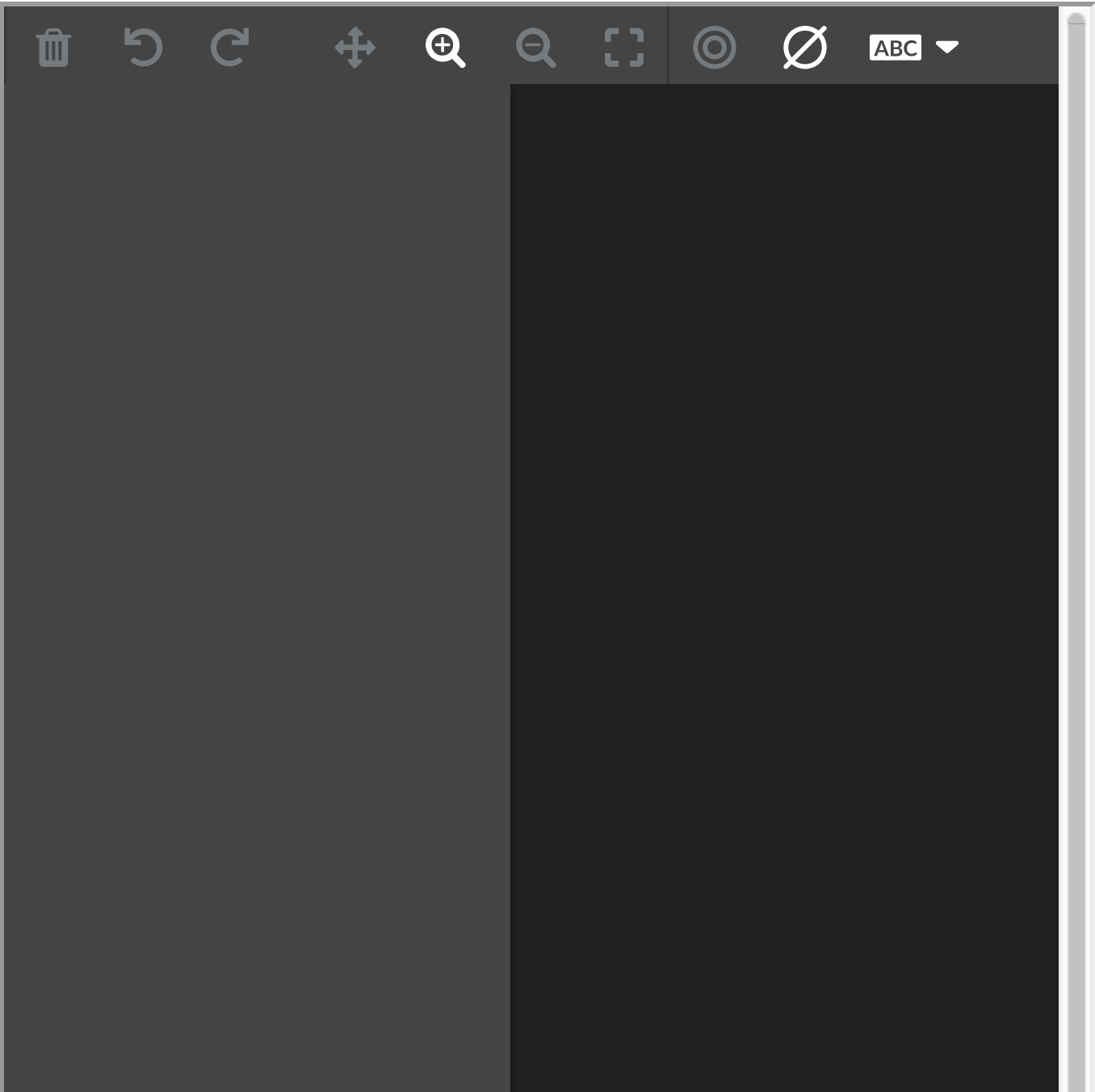
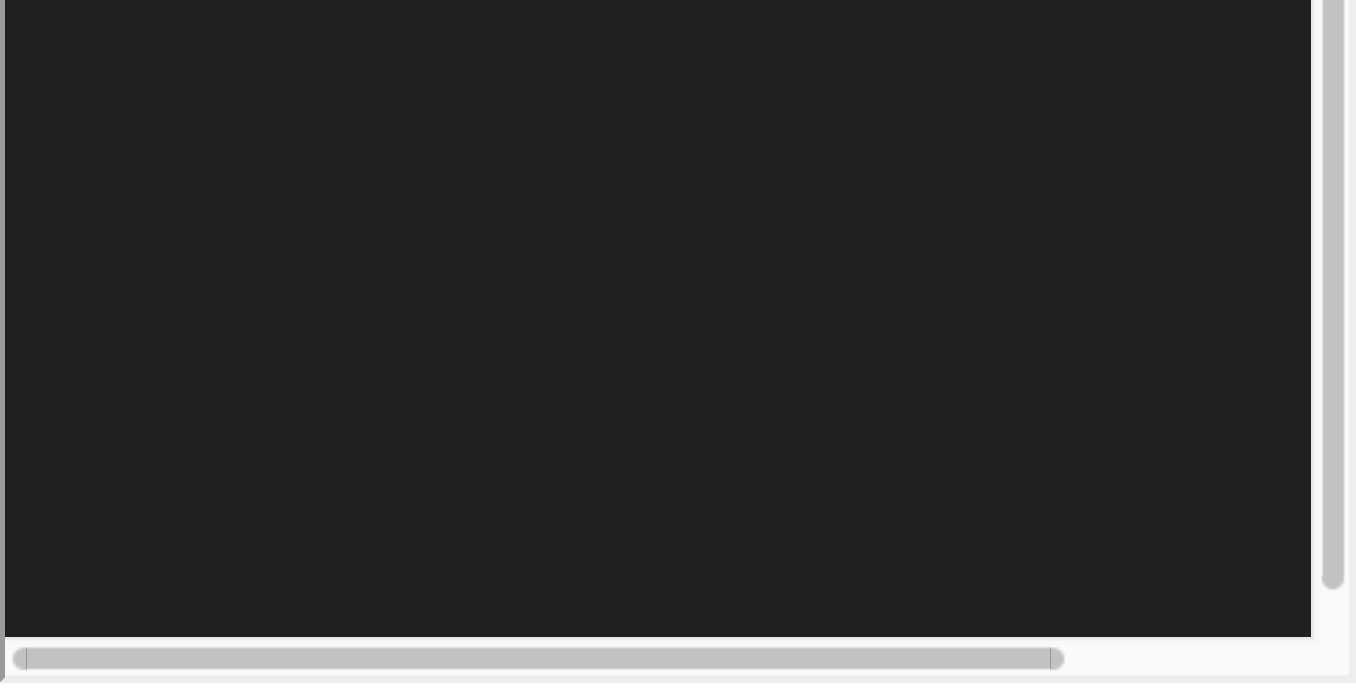
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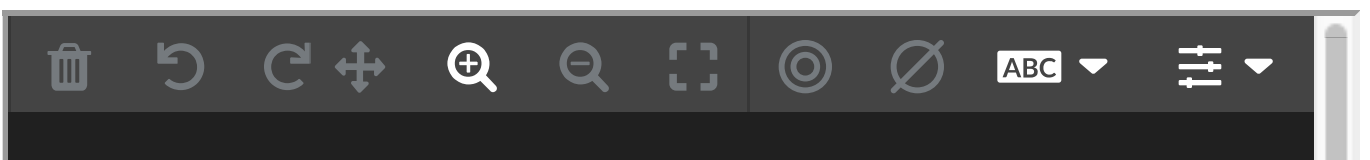


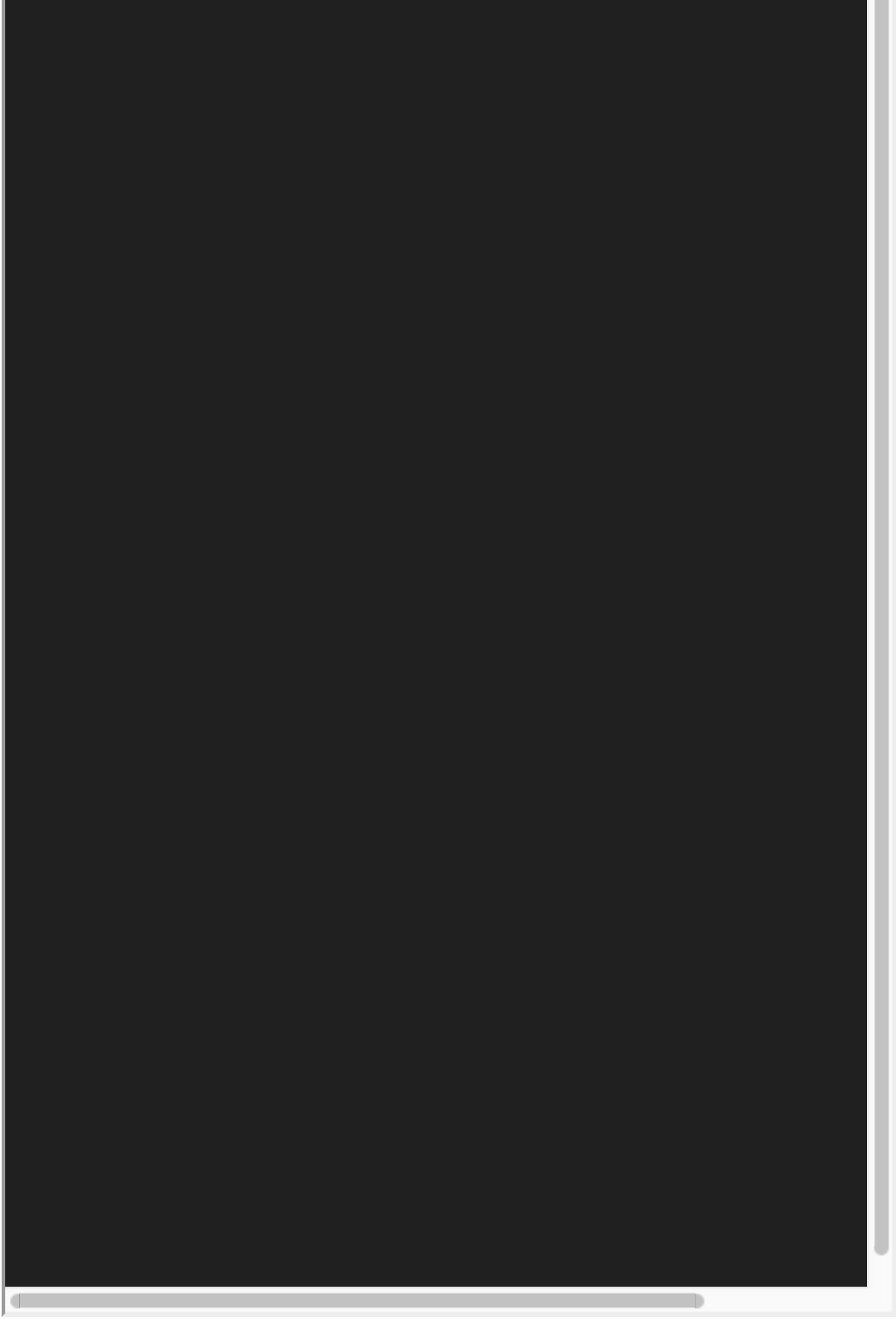


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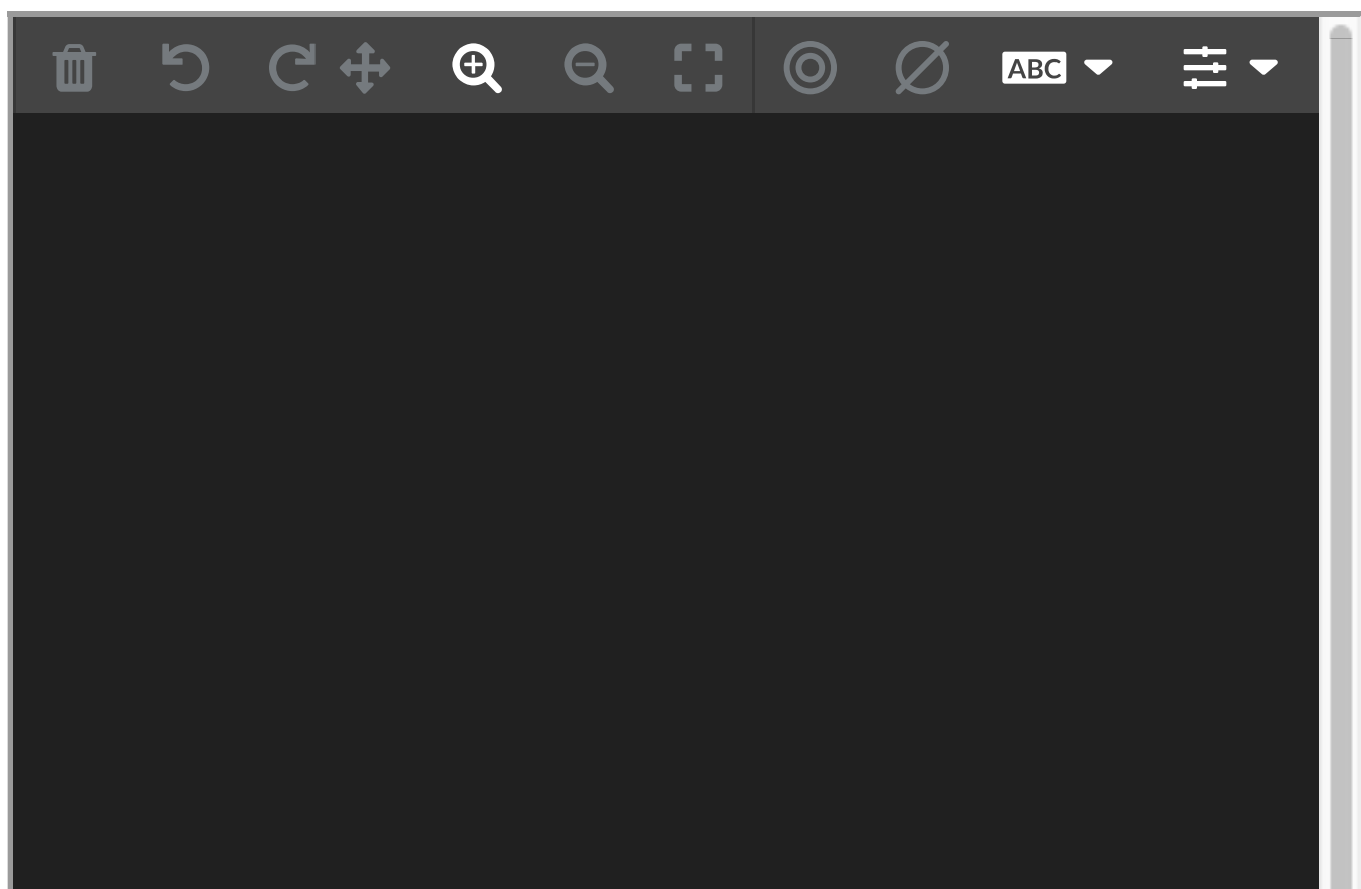


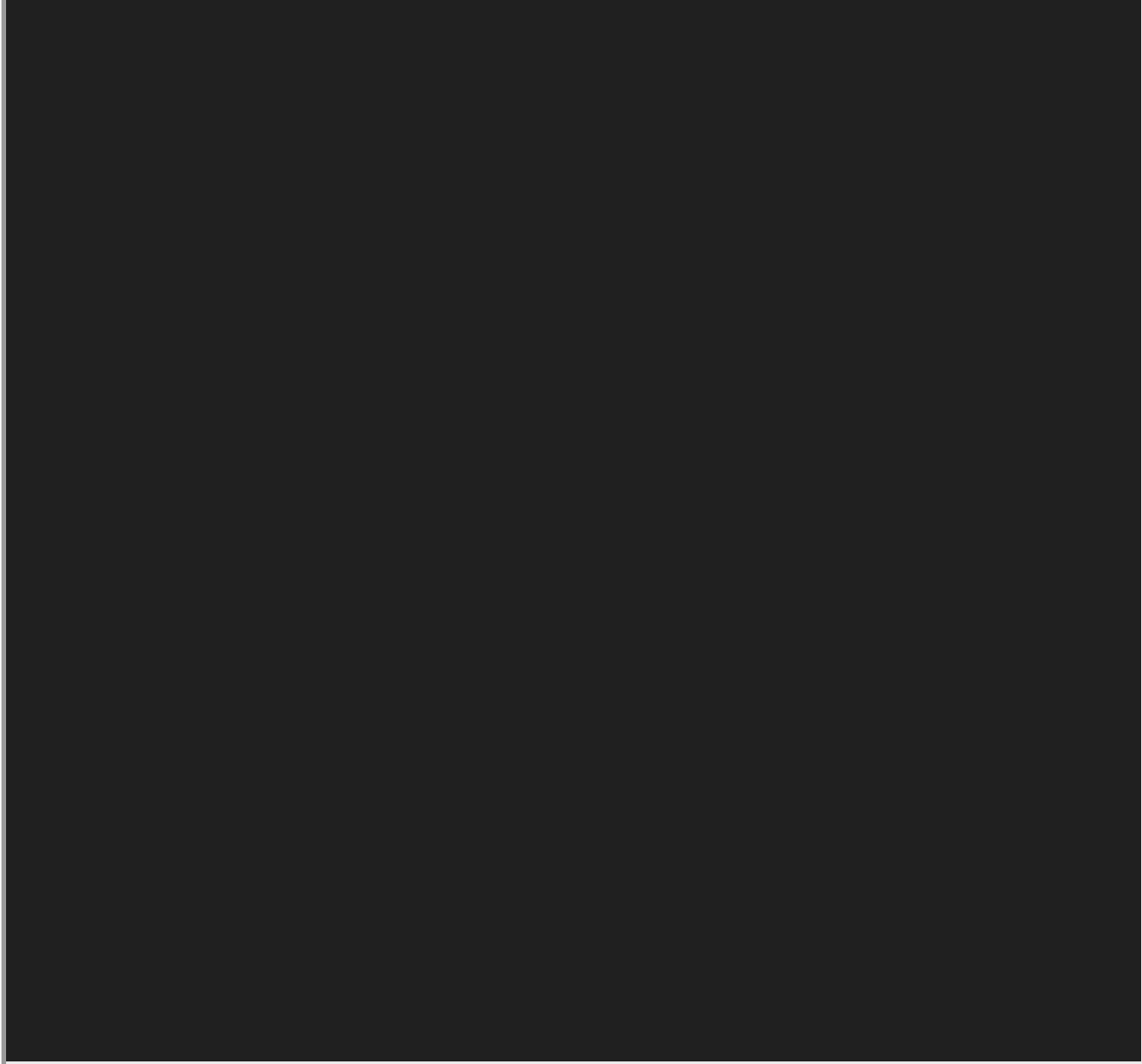
ABC ▼

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- ☐ Click here if there is nothing to annotate in the image

Steps:

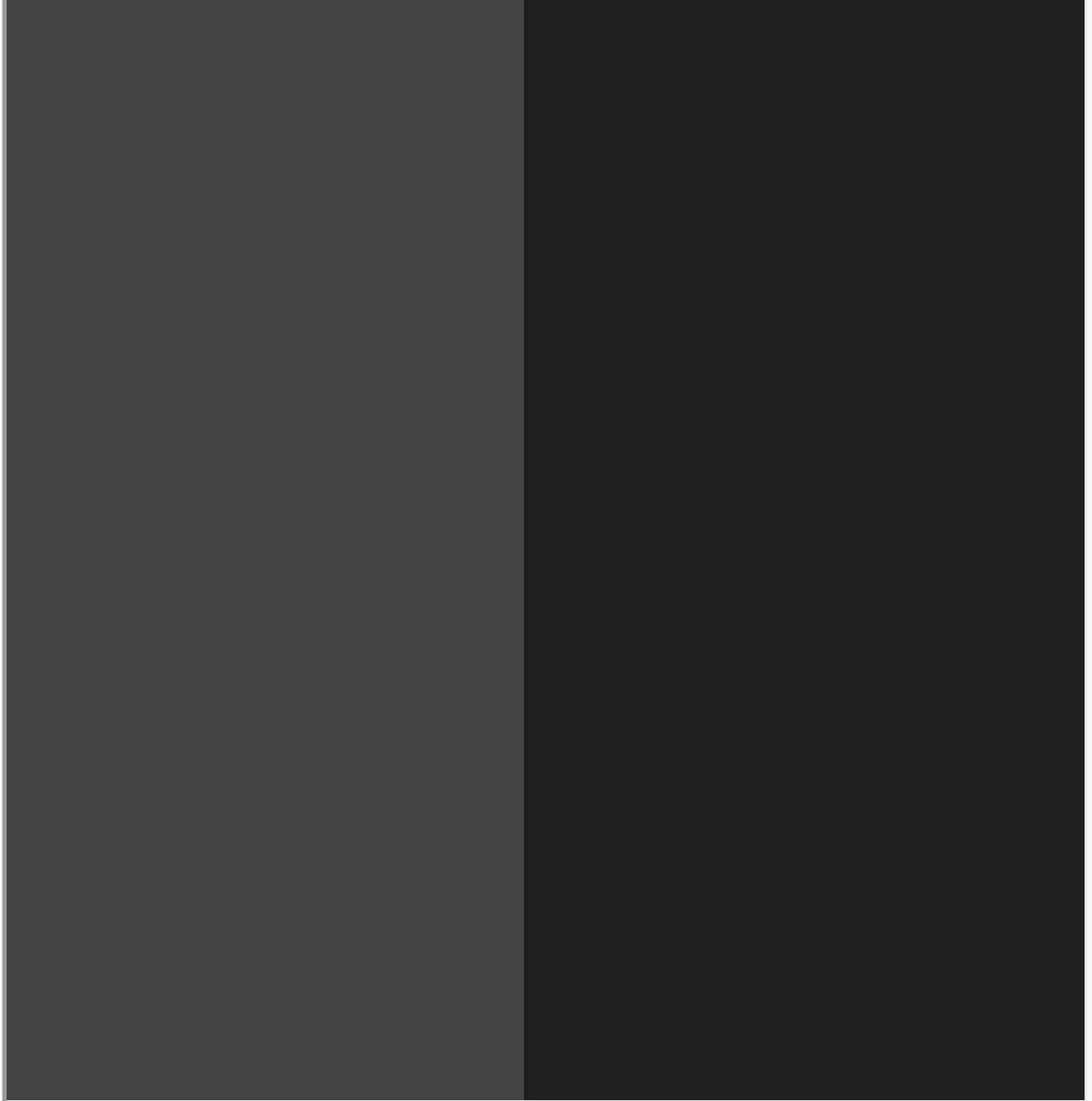
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ABC





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Test Validators

