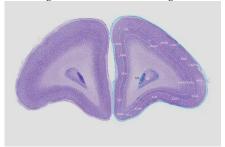
Prompt:

marmoset, the picture is a Nissl dye image of mammalian brain from marmoset, different tissue are tend to appear different shades, please identify the cortical area in this image and identify the color of cortical area. The slides of brain has also been parcelled into regions, the region name is in white text on the image. Please list all the regions' name in the image and show which region located at cortical area.



GPT-4V:

In the provided Nissl-stained image of the marmoset brain, various regions have been labeled with white text. The cortical areas in such images are typically the outermost layers of the brain tissue and exhibit a dark purple or violet color because they are rich in neuronal cell bodies which take up the Nissl stain.

From the labels visible, here is a list of the regions named in the image:

- 1. A8B
- 2. A24D
- 3. A24b
- 4. A24a
- 5. A25
- 6. A13L
- . A13M
- 8. A13C
- 9. A13a
- 10. A32
- 11. A9/46v
- 12. A9/46D
- 13. A11
- 14. A9/46V
- 15. A11 16. A14C
- 17. A14R
- 18. A10
- 19. A10O
- 20. A470
- 21. ProM

The cortical regions, characterized by their dense violet or purple staining due to the presence of neuronal cell bodies, are listed as follows, along with their respective locations in the cortex:

- 1. A8B Cortical area
- 2. A24D Cortical area
- 3. A24b Cortical area
- 4. A24a Cortical area
- 5. A25 Cortical area
- . A13L Cortical area