



Figure 5. Representative image of an E9.5 embryonic mouse brain. Hematoxylin and eosin-stained, transverse section. CN = cranial nerve ganglion (neural crest); FV = fourth ventricle; FVR = fourth ventricle roof; HV = head vein; IFR = infundibular recess; LT = lamina terminalis; M = mesenchyme; OP = olfactory placode; OS = optic stalk; OVE = optic vesicle neuroepithelium; PV = prosencephalic vesicle; RP = Rathke's pouch; TV = third ventricle.