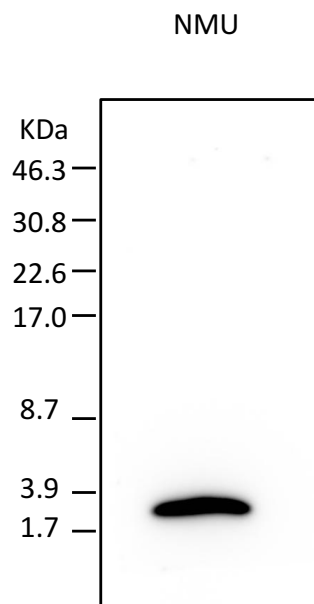
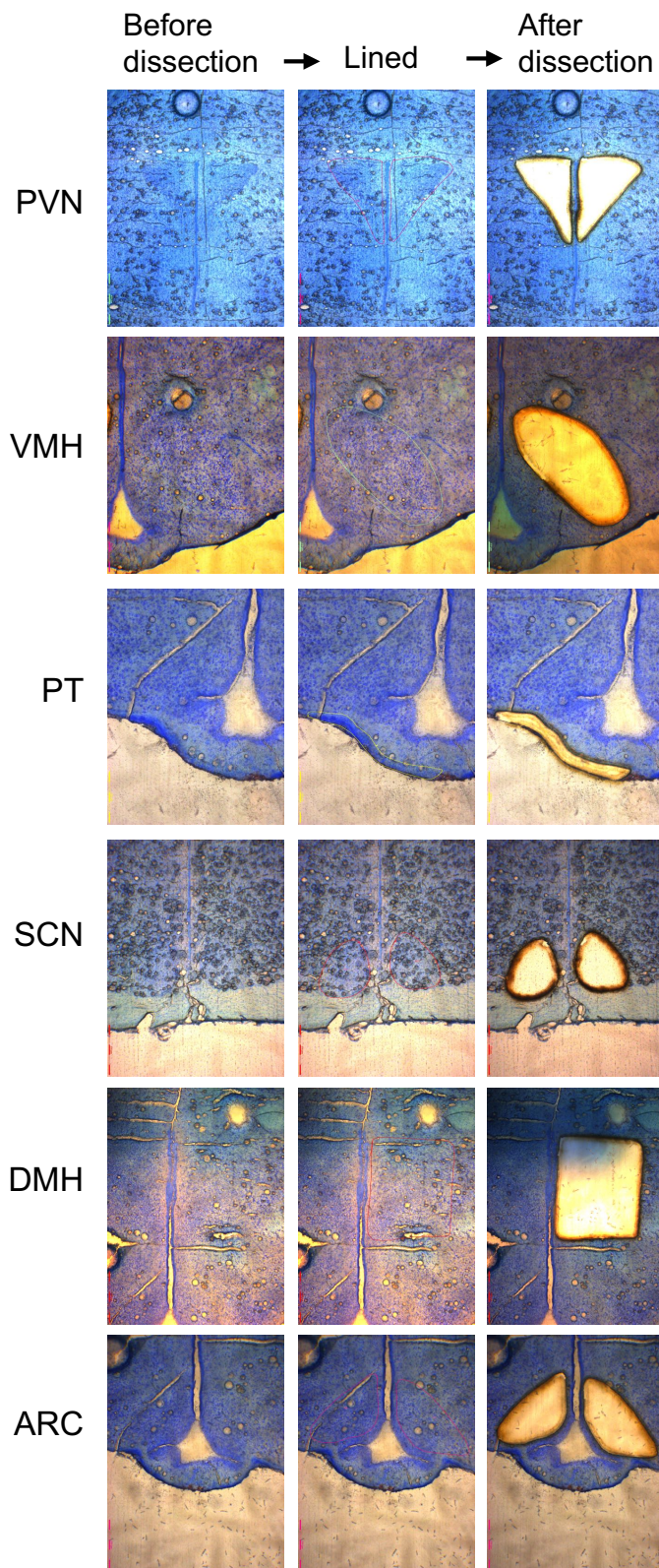


Supplementary Table S1. Primer Sequences used for RT-qPCR

Primers	Sequences (5'→3')	GenBank accession No.
<i>Nmu</i> , Forward	CGT TCC TCA ACT GCA TGA GA	NM_022239
<i>Nmu</i> , Reverse	CCA TTG CGT GGC CTA AAT AA	
<i>Nmur2</i> , Forward	GCG AAC AAA GTG GCT GTG AA	NM_022275
<i>Nmur2</i> , Reverse	GTC CAG CAG ATG GCA AAC AC	
<i>Npy</i> , Forward	GCC AGA TAC TAC TCC GCT CTG	NM_012614
<i>Npy</i> , Reverse	GTC TCA GGG CTG GAT CTC TTG	
<i>Pomc</i> , Forward	CCA TAG ACG TGT GGA GCT GG	NM_139326
<i>Pomc</i> , Reverse	AGG GCT GTT CAT CTC CGT TG	
<i>Crh</i> , Forward	ACC TGC CAA GGG AGG AGA A	NM_031019
<i>Crh</i> , Reverse	CCC TGC AAG GCA GAC AGG	
<i>Rpl19</i> , Forward	ACC AAC GAA ATC GCC AAT GC	NM_031103
<i>Rpl19</i> , Reverse	CAA GGT GTT CTT CCG GCA TC	
<i>Adcyap1</i> , Forward	AAC AGC GTC TCC TGT TCA CC	NM_016989
<i>Adcyap1</i> , Reverse	CCG TCC TGA TCG TAA GCC TC	
<i>Agrp</i> , Forward	TCC CAG AGT TCT CAG GTC TAA GT	NM_033650
<i>Agrp</i> , Reverse	CGC GGT TCT GTG GAT CTA GC	



Supplementary Figure S1. Characterization of an antibody that specifically recognizes NMU. Autoluminogram of western blot detection of immunoreactive for synthetic rat NMU peptide (2643.03 g/mol, 3 ng per lane).



Supplementary Figure S2. Dissection of the PVN, VMH, PT, SCN, DMH, and ARC by LMD. Toluidine blue-stained 30- μ m-thick frontal sections before dissection (left), lined (middle), and after dissection (right) are shown.