

Figure S1. Examples of synaptic sites in the ssTEM volume. **A**, Presynaptic density of a hugin-RG neuron bordering haemal space within the ring gland. **B,C**, Examples of presynaptic sites with small clear core vesicles for a hugin-PC and hugin-VNC neuron. **D**, Example of a presynaptic site with close-by dense core vesicles. **E,F**, Examples of synaptic connections between hugin neurons. **G,H**, Examples of synaptic connections from hugin-PC neurons onto insulin-producing cells (IPCs). Scale bars represent 100nm.

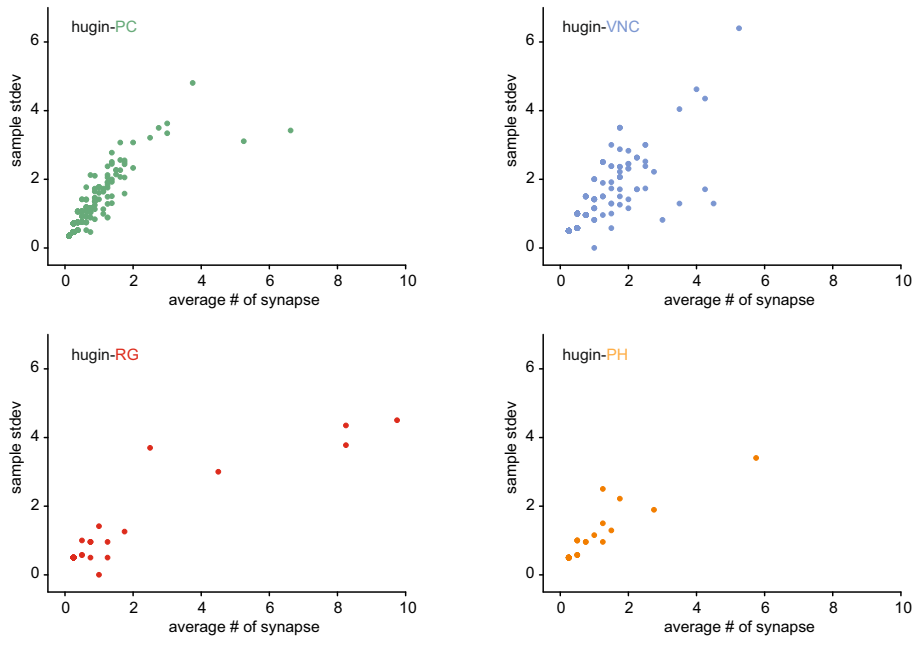


Figure S2. Number of synapses constituting connections to/from a shared partners varies within each hugin class. Each data point represents a pre- or postsynaptic partner of neurons of given hugin class. Most of these partners connect to all hugin neurons of a single class but these connections vary in the number of synaptic contacts they constitute. Plotted is the average number of synapses over all hugin neurons of that class against the standard deviation.

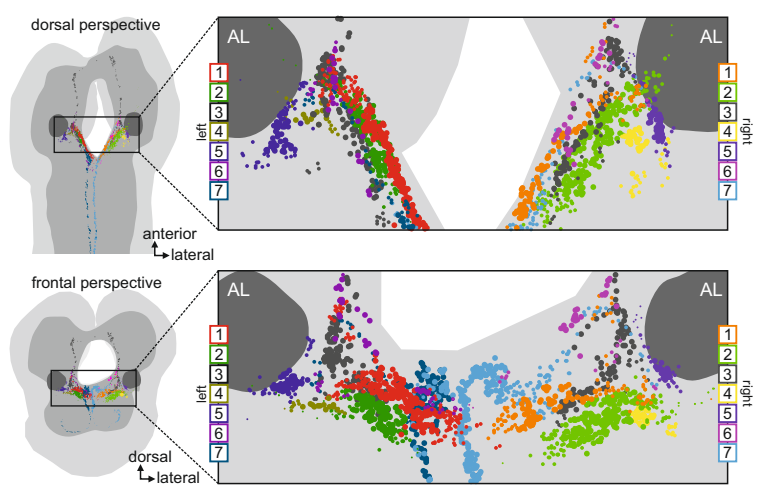


Figure S3. Clustered synapses of sensory inputs to hugin neurons cover discrete parts of the subesophageal zone. Distribution of synaptic sites of afferent neurons as clustered in Fig ???. Each dot indicates a synaptic site. Dot size decreases with distance to its cluster's center. Note, that the sensory neurons presynaptic to hugin neurons innervate areas medial and ventral to the antennal lobes.

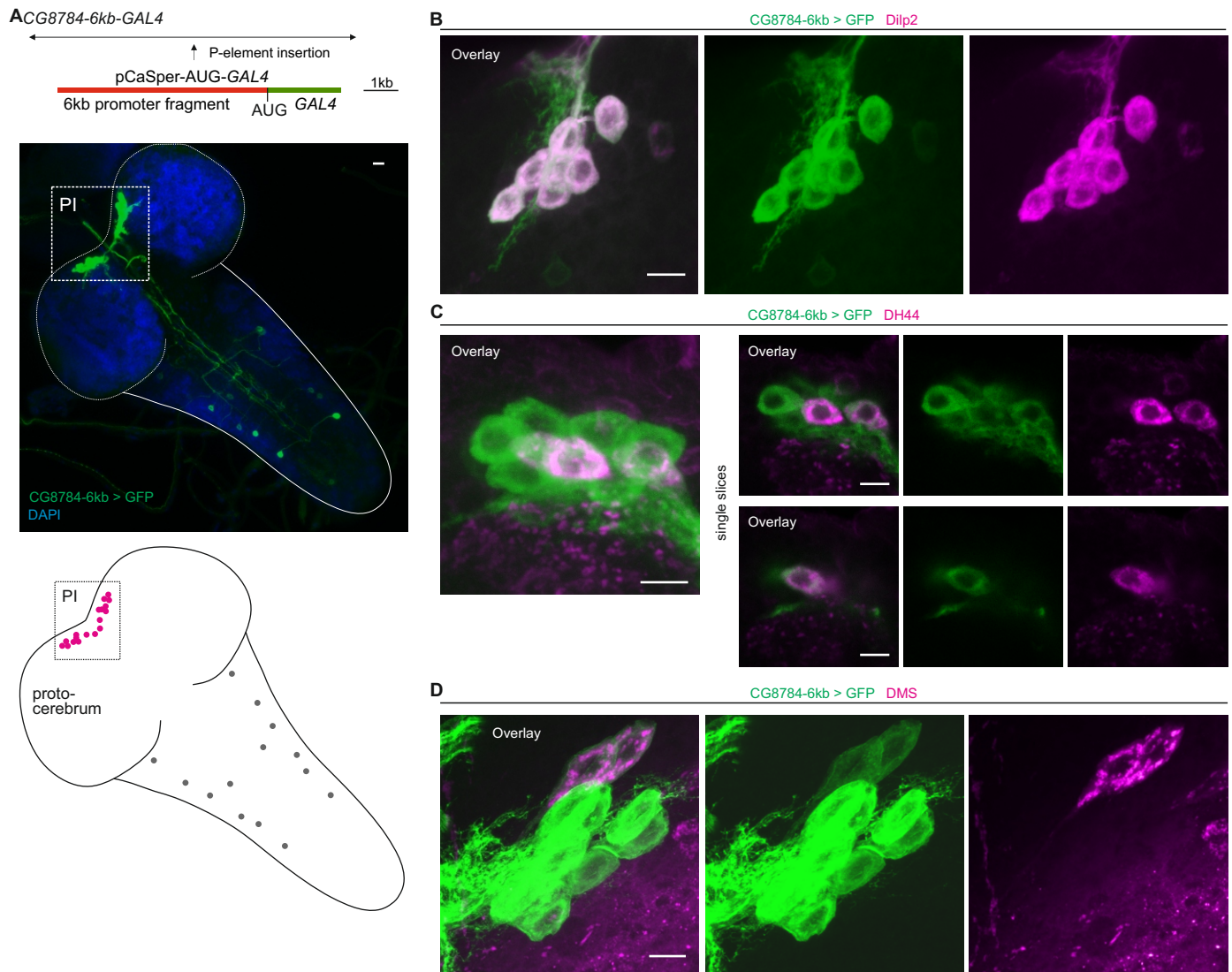
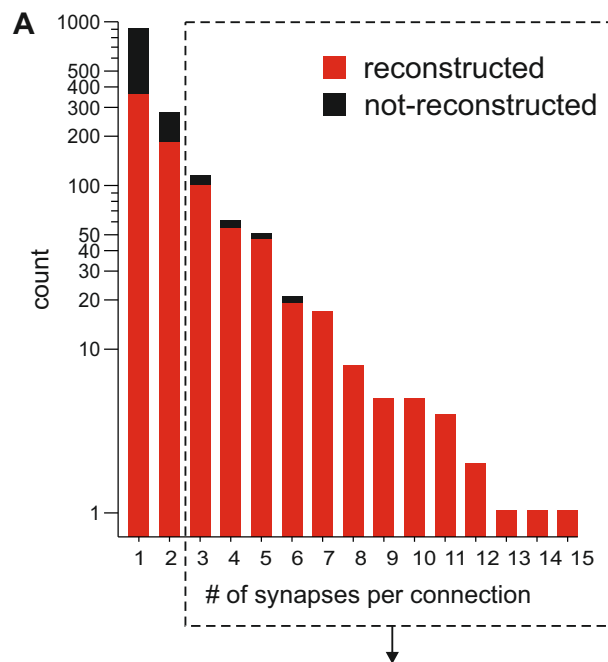


Figure S4. Hugin receptor line *CG8784-6kb-GAL4* drives expression in medial neurosecretory cells (mNSCs) of the pars intercerebralis (PI) similar to *CG8784-GAL4:p65*. **A**, Immunolabeling and semi-schematic representation of hugin receptor *CG8784-6kb-GAL4* expression pattern. In comparison with the *CG8784-GAL4:p65* BAC line (Fig. ??A,B), this line shows a more restricted expression. However, the same prominent cluster of neurons (magenta) of the PI is labeled but only few additional cells in the ventral nerve cord (grey circles). **B-D**, Double staining of *CG8784-6kb-GAL4* driving GFP expression suggests expression of *CG8784* in (B) *Drosophila* insulin-like peptide- (Dilp2), (C) diuretic hormone 44- (DH44) and (D) Dromyosuppressin-producing (DMS) mNSCs of the PI. Scale bars represent 10 μ m (A) and 5 μ m (B-D).



B

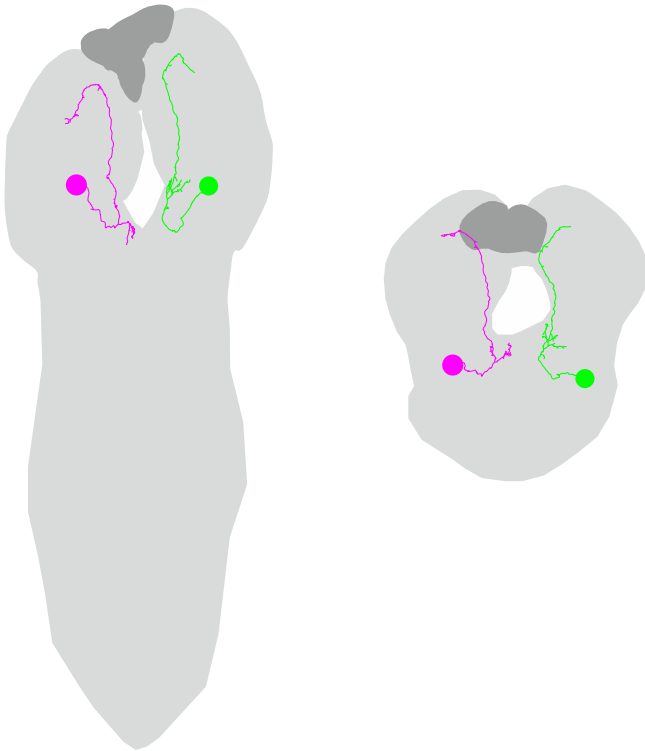
		% reconstructed	
		postsynaptic	presynaptic
left	hugin		
	PC 1	100	95
	PC 2	100	95
	PC 3	100	100
right	PC 1	97	88
	PC 2	89	99
	PC 3	93	94
	PC 4	98	94
left	VNC 1	83	96
	VNC 2	88	100
right	VNC 1	72	99
	VNC 2	76	97
left	RG 1	-	100
	RG 2	-	100
right	RG 1	-	100
	RG 2	-	100
left	PH 1	-	90
	PH 2	-	95
right	PH 1	-	100
	PH 2	-	76
average		90	96

Figure S5. Neurons connected by more than two synapses to hugin neurons were reliably reconstructed. **A**, Distribution of synaptic connections to/from hugin neurons. X-axis gives number of synapse per connection and y-axis occurrence. Reconstruction of the pre- or postsynaptic neuron was attempted for every hugin synapse. Red fraction was completely reconstructed, black fraction was not successfully reconstructed due to either errors/ambiguity in the ssTEM data set (e.g. missing sections) or failure to find a matching pair of neurons in both hemisegments. The fraction of unaccounted synapses strongly decreases from 2 to 3 synapses per connection. We therefore subsequently applied a threshold of at least a single more-than-two-synapses connection (did not apply to sensory neurons). **B**, Completeness of reconstruction of pre- and postsynaptic partners for each hugin neuron. Values in the table give the percentages of pre- and postsynaptic sites that connect to a above-threshold partner of hugin neurons which was successfully reconstructed.

Supplementary neuron atlas. Morphology and connectivity of reconstructed neurons. Reconstructions of **(A)** hugin-PC, **(B)** hugin-VNC, **(C)** hugin-RG, **(D)** hugin-PH neurons, **(E)** insulin-producing cells (IPCs), **(F)** DH44-producing cells, **(G)** DMS-producing cells, **(H)** antennal nerve (AN) sensory neurons, **(I)** abdominal nerve sensory neurons, **(J)** paired interneurons and **(K)** unpaired medial interneurons. A dorsal view of each cell is shown on the left, and a frontal view on the right. Outline of the nervous system and the ring gland are shown in grey and dark grey, respectively. Number in the table is the number of synapses of given neurons onto (left) and from (right) the hugin neuron indicated in the row. Neurons are displayed as corresponding pairs of the left/right hemisegment with the exception of afferent neurons and unpaired medial interneurons.

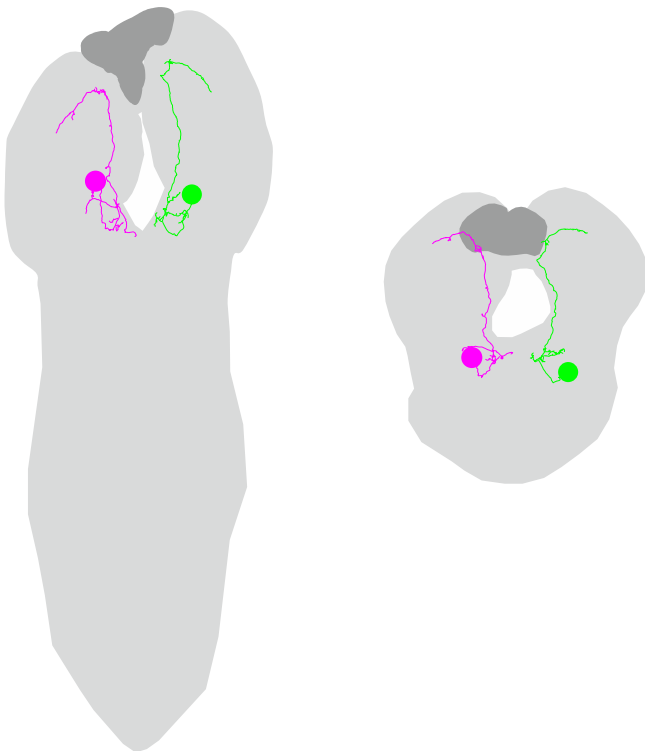
A hugin-PC

1.



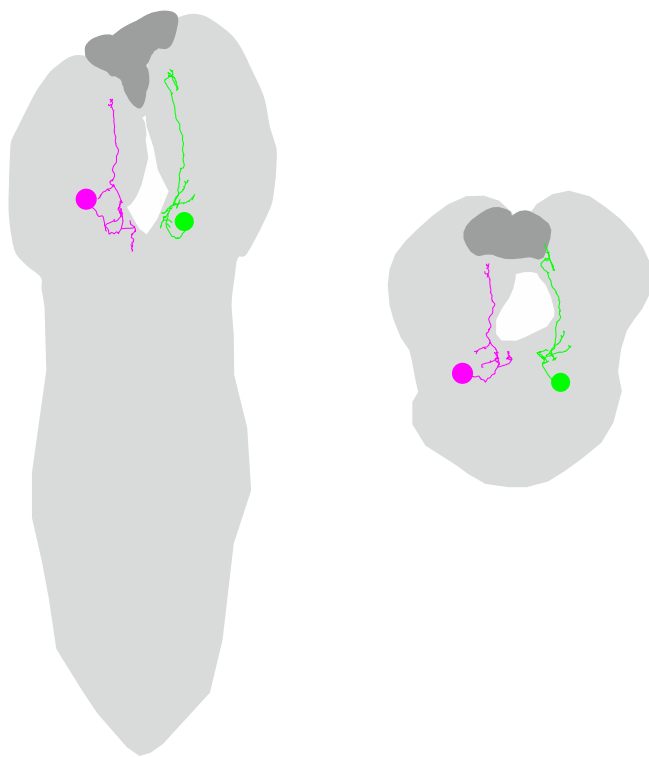
	synapses to		synapses from	
hugin-PC right 1	8	0	4	0
hugin-PC right 2	0	0	0	0
hugin-PC right 3	2	0	5	0
hugin-PC right 4	1	0	3	0
hugin-PC left 1	0	3	0	4
hugin-PC left 2	0	0	0	0
hugin-PC left 3	0	2	0	4
hugin-PC left 4	0	2	0	3
hugin-RG right 1	0	0	0	0
hugin-RG right 2	0	0	0	0
hugin-RG left 1	0	0	0	0
hugin-RG left 2	0	0	0	0
hugin-VNC right 1	0	1	0	0
hugin-VNC right 2	0	0	0	0
hugin-VNC left 1	0	0	0	0
hugin-VNC left 2	0	0	0	0
hugin-PH right 1	0	0	0	0
hugin-PH right 2	0	0	0	0
hugin-PH left 1	0	0	0	0
hugin-PH left 2	0	0	0	0

2.



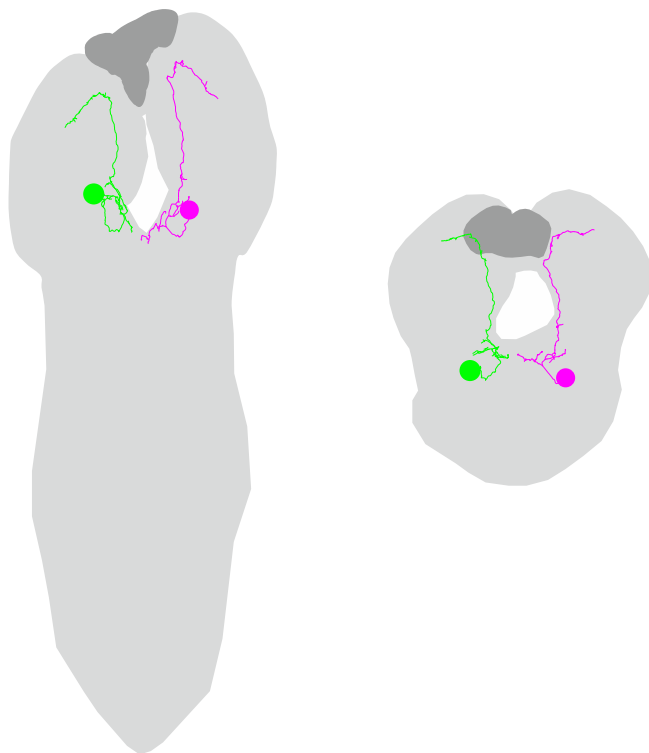
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hugin-PC right 2	4	0	8	0
hugin-PC right 3	0	0	3	0
hugin-PC right 4	3	0	5	0
hugin-PC left 1	0	0	0	0
hugin-PC left 2	0	4	0	3
hugin-PC left 3	0	5	0	3
hugin-PC left 4	0	5	0	7
hugin-RG right 1	0	0	0	0
hugin-RG right 2	0	0	0	0
hugin-RG left 1	0	0	0	0
hugin-RG left 2	0	1	0	0
hugin-VNC right 1	0	0	0	0
hugin-VNC right 2	0	2	0	0
hugin-VNC left 1	0	0	0	0
hugin-VNC left 2	0	0	0	0
hugin-PH right 1	0	0	0	0
hugin-PH right 2	0	0	0	0
hugin-PH left 1	0	0	0	0
hugin-PH left 2	0	0	0	0

3.



	synapses to		synapses from	
hugin-PC right 1	3	0	0	0
hugin-PC right 2	5	0	2	0
hugin-PC right 3	0	0	0	0
hugin-PC right 4	2	0	2	0
hugin-PC left 1	0	3	0	5
hugin-PC left 2	0	4	0	2
hugin-PC left 3	0	0	0	0
hugin-PC left 4	0	1	0	1
hugin-RG right 1	0	0	0	0
hugin-RG right 2	0	0	0	0
hugin-RG left 1	0	0	0	0
hugin-RG left 2	0	0	0	0
hugin-VNC right 1	0	0	0	0
hugin-VNC right 2	0	0	0	0
hugin-VNC left 1	0	0	0	0
hugin-VNC left 2	0	0	0	0
hugin-PH right 1	0	0	0	0
hugin-PH right 2	0	0	0	0
hugin-PH left 1	0	0	0	0
hugin-PH left 2	0	0	0	0

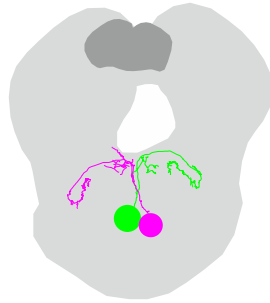
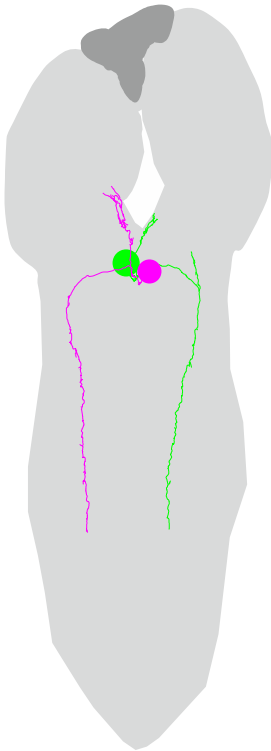
4.



	synapses to		synapses from	
hugin-PC right 1	0	5	0	3
hugin-PC right 2	0	3	0	1
hugin-PC right 3	0	2	0	2
hugin-PC right 4	0	0	0	0
hugin-PC left 1	7	0	5	0
hugin-PC left 2	3	0	2	0
hugin-PC left 3	1	0	1	0
hugin-PC left 4	0	0	0	0
hugin-RG right 1	0	0	0	0
hugin-RG right 2	0	0	0	0
hugin-RG left 1	0	0	0	0
hugin-RG left 2	1	0	0	0
hugin-VNC right 1	0	0	0	0
hugin-VNC right 2	0	0	0	0
hugin-VNC left 1	0	0	0	0
hugin-VNC left 2	0	0	0	0
hugin-PH right 1	0	0	0	0
hugin-PH right 2	0	0	0	0
hugin-PH left 1	0	0	0	0
hugin-PH left 2	0	0	0	0

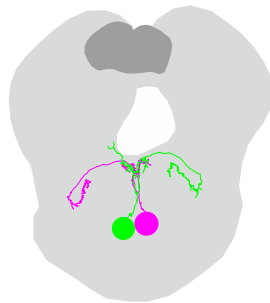
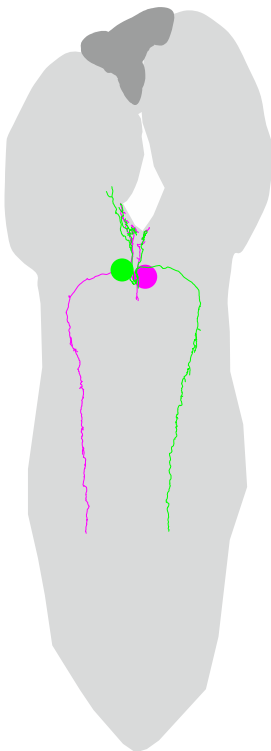
B hugin-VNC

1.



	synapses to		synapses from	
hugin-PC right 1	0	0	0	0
hugin-PC right 2	0	0	0	0
hugin-PC right 3	0	0	0	0
hugin-PC right 4	0	0	0	0
hugin-PC left 1	0	0	0	2
hugin-PC left 2	0	0	0	0
hugin-PC left 3	0	0	0	0
hugin-PC left 4	0	0	0	0
hugin-RG right 1	0	0	0	0
hugin-RG right 2	0	0	0	0
hugin-RG left 1	0	0	0	0
hugin-RG left 2	0	0	0	0
hugin-VNC right 1	0	2	0	5
hugin-VNC right 2	0	0	0	0
hugin-VNC left 1	7	0	5	0
hugin-VNC left 2	0	0	0	0
hugin-PH right 1	0	0	0	0
hugin-PH right 2	0	0	0	0
hugin-PH left 1	0	0	0	0
hugin-PH left 2	0	0	0	0

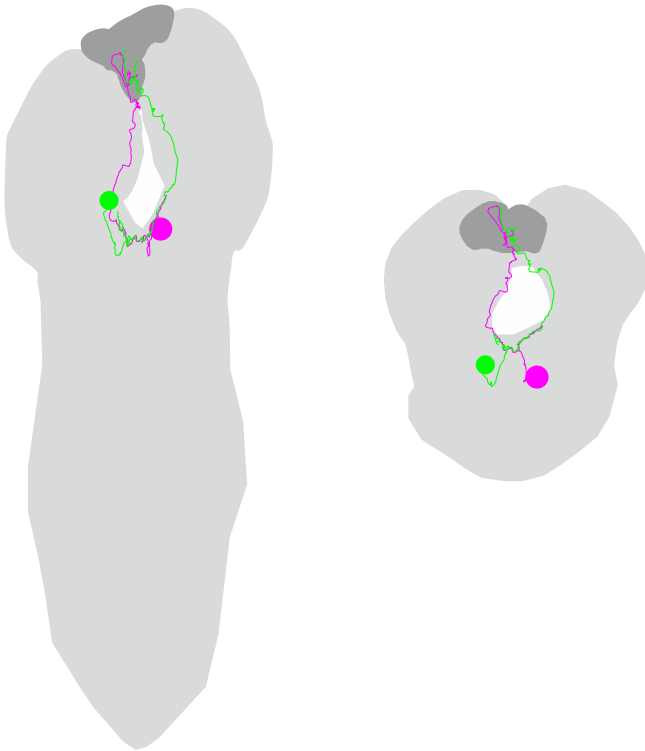
2.



	synapses to		synapses from	
hugin-PC right 1	0	0	0	0
hugin-PC right 2	0	0	0	0
hugin-PC right 3	0	0	0	0
hugin-PC right 4	0	0	0	0
hugin-PC left 1	0	0	0	0
hugin-PC left 2	0	0	0	1
hugin-PC left 3	0	0	0	0
hugin-PC left 4	0	0	0	0
hugin-RG right 1	0	0	0	0
hugin-RG right 2	0	0	0	0
hugin-RG left 1	0	0	0	0
hugin-RG left 2	0	0	0	0
hugin-VNC right 1	0	0	0	0
hugin-VNC right 2	0	5	0	2
hugin-VNC left 1	0	0	0	0
hugin-VNC left 2	5	0	7	0
hugin-PH right 1	0	0	0	0
hugin-PH right 2	0	0	0	0
hugin-PH left 1	0	0	0	0
hugin-PH left 2	0	0	0	0

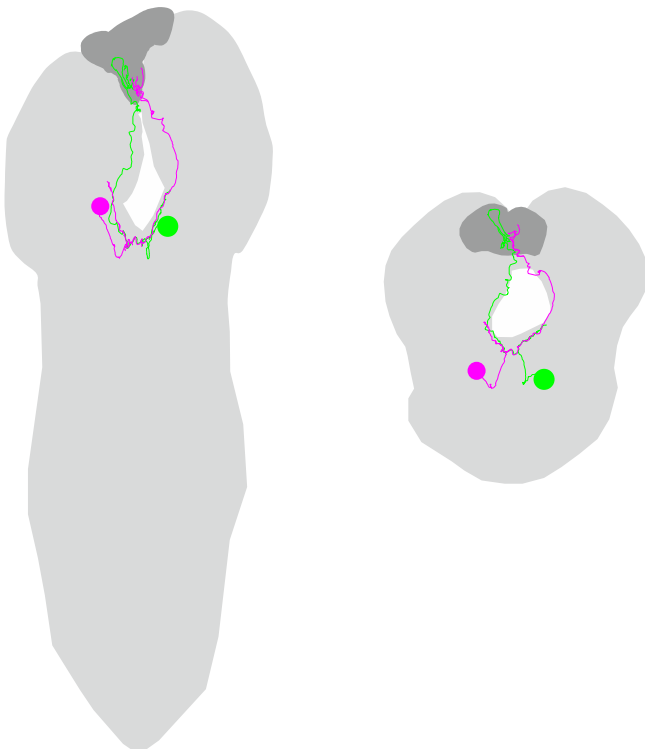
C hugin-RG

1.



	synapses to		synapses from	
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hugin-PC right 2	0	0	0	0
hugin-PC right 3	0	0	0	0
hugin-PC right 4	0	0	0	0
hugin-PC left 1	0	0	0	0
hugin-PC left 2	0	0	0	0
hugin-PC left 3	0	0	0	0
hugin-PC left 4	0	0	0	0
hugin-RG right 1	0	0	0	0
hugin-RG right 2	0	0	0	0
hugin-RG left 1	0	0	0	0
hugin-RG left 2	0	0	0	0
hugin-VNC right 1	0	0	0	0
hugin-VNC right 2	0	0	0	0
hugin-VNC left 1	0	0	0	0
hugin-VNC left 2	0	0	0	0
hugin-PH right 1	0	0	0	0
hugin-PH right 2	0	0	0	0
hugin-PH left 1	0	0	0	0
hugin-PH left 2	0	0	0	0

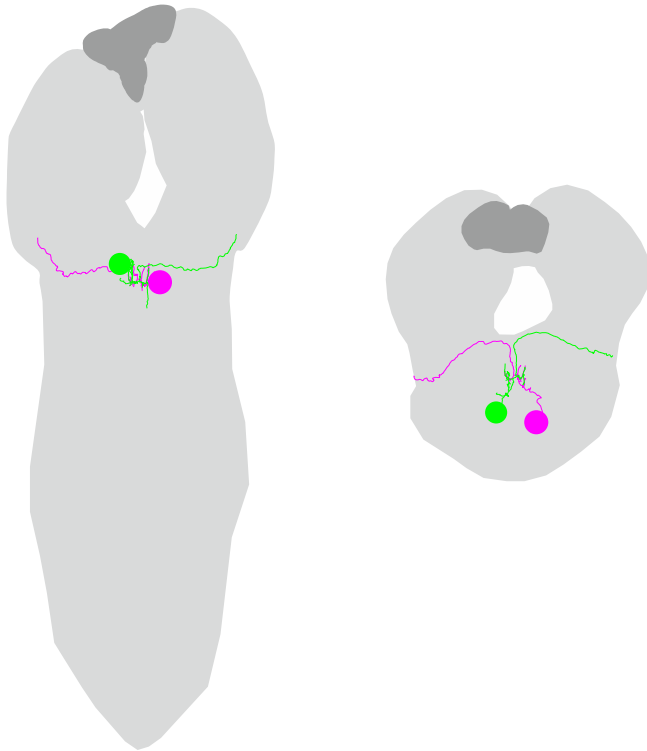
2.



	synapses to		synapses from	
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hugin-PC right 2	0	0	0	0
hugin-PC right 3	0	0	0	0
hugin-PC right 4	0	0	0	0
hugin-PC left 1	0	0	0	1
hugin-PC left 2	0	0	0	0
hugin-PC left 3	0	0	0	0
hugin-PC left 4	0	0	0	1
hugin-RG right 1	0	0	0	0
hugin-RG right 2	0	0	0	0
hugin-RG left 1	0	0	0	0
hugin-RG left 2	0	0	0	0
hugin-VNC right 1	0	0	0	0
hugin-VNC right 2	0	0	0	0
hugin-VNC left 1	0	0	0	0
hugin-VNC left 2	0	0	0	0
hugin-PH right 1	0	0	0	0
hugin-PH right 2	0	0	0	0
hugin-PH left 1	0	0	0	0
hugin-PH left 2	0	0	0	0

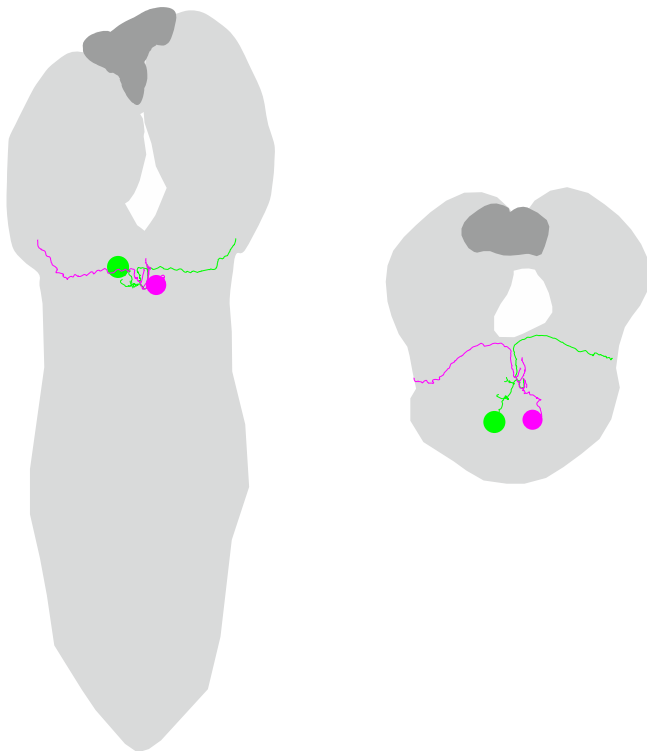
D hugin-PH

1.



	synapses to		synapses from	
hugin-PC right 1	0	0	0	0
hugin-PC right 2	0	0	0	0
hugin-PC right 3	0	0	0	0
hugin-PC right 4	0	0	0	0
hugin-PC left 1	0	0	0	0
hugin-PC left 2	0	0	0	0
hugin-PC left 3	0	0	0	0
hugin-PC left 4	0	0	0	0
hugin-RG right 1	0	0	0	0
hugin-RG right 2	0	0	0	0
hugin-RG left 1	0	0	0	0
hugin-RG left 2	0	0	0	0
hugin-VNC right 1	0	0	0	0
hugin-VNC right 2	0	0	0	0
hugin-VNC left 1	0	0	0	0
hugin-VNC left 2	0	0	0	0
hugin-PH right 1	0	0	0	0
hugin-PH right 2	0	0	0	0
hugin-PH left 1	0	0	0	1
hugin-PH left 2	0	0	0	0

2.



	synapses to		synapses from	
hugin-PC right 1	0	0	0	0
hugin-PC right 2	0	0	0	0
hugin-PC right 3	0	0	0	0
hugin-PC right 4	0	0	0	0
hugin-PC left 1	0	0	0	0
hugin-PC left 2	0	0	0	0
hugin-PC left 3	0	0	0	0
hugin-PC left 4	0	0	0	0
hugin-RG right 1	0	0	0	0
hugin-RG right 2	0	0	0	0
hugin-RG left 1	0	0	0	0
hugin-RG left 2	0	0	0	0
hugin-VNC right 1	0	0	0	0
hugin-VNC right 2	0	0	0	0
hugin-VNC left 1	0	0	0	0
hugin-VNC left 2	0	0	0	0
hugin-PH right 1	0	0	0	0
hugin-PH right 2	1	0	0	0
hugin-PH left 1	0	0	0	0
hugin-PH left 2	0	0	0	0

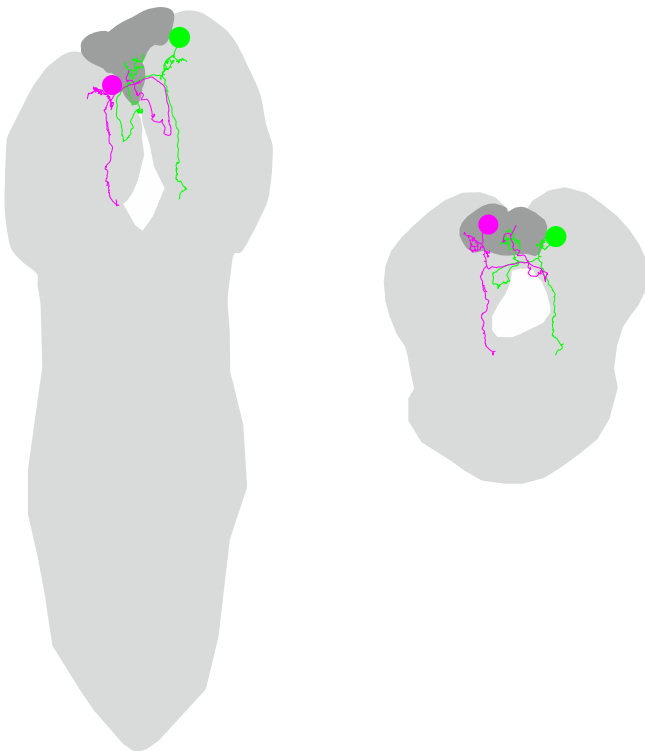
E Insulin-producing cells (IPCs)

1.



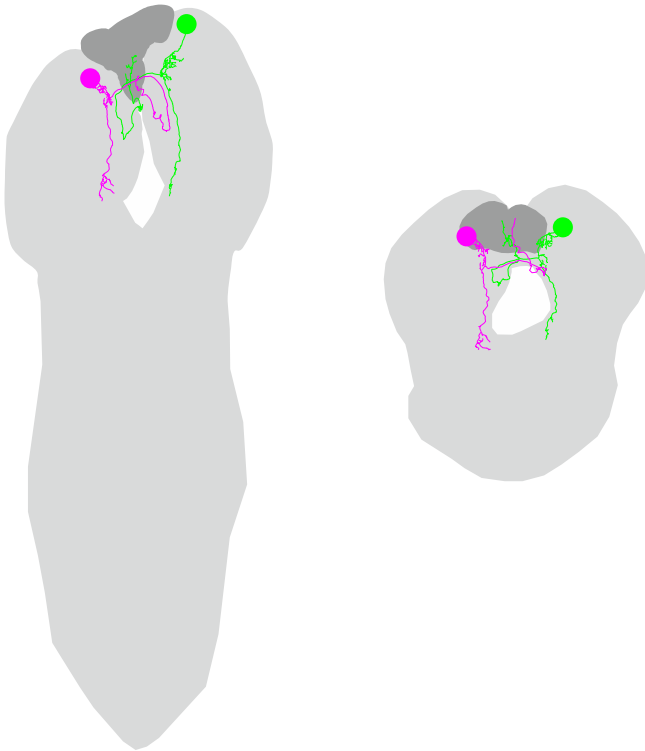
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hugin-PC right 2	0	0	6	0
hugin-PC right 3	0	0	2	0
hugin-PC right 4	0	0	0	0
hugin-PC left 1	0	0	0	2
hugin-PC left 2	0	0	0	0
hugin-PC left 3	0	0	0	2
hugin-PC left 4	0	0	0	2
hugin-RG right 1	0	0	0	0
hugin-RG right 2	0	0	0	0
hugin-RG left 1	0	0	0	0
hugin-RG left 2	0	0	0	0
hugin-VNC right 1	0	0	0	0
hugin-VNC right 2	0	0	0	0
hugin-VNC left 1	0	0	0	0
hugin-VNC left 2	0	0	0	0
hugin-PH right 1	0	0	0	0
hugin-PH right 2	0	0	0	0
hugin-PH left 1	0	0	0	0
hugin-PH left 2	0	0	0	0

2.



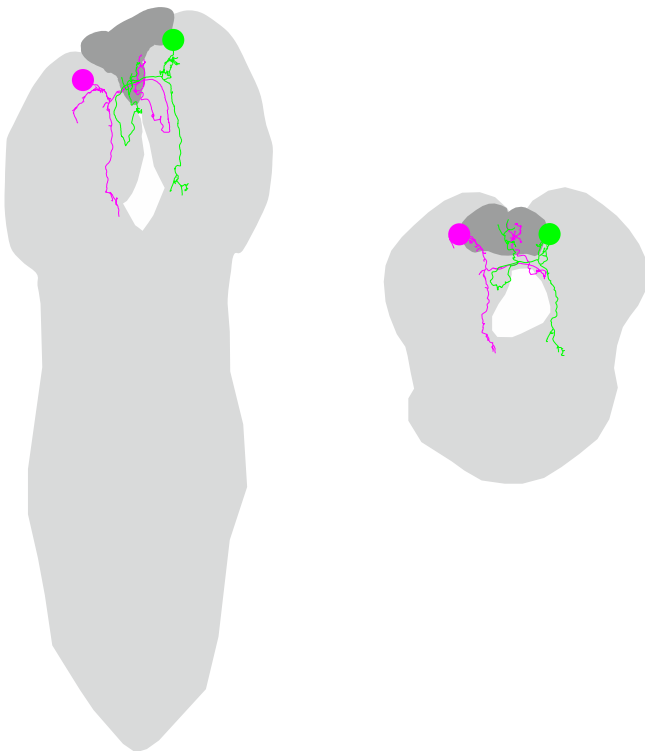
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hugin-PC right 2	0	0	5	0
hugin-PC right 3	0	0	1	0
hugin-PC right 4	0	0	1	0
hugin-PC left 1	0	0	0	2
hugin-PC left 2	0	0	0	1
hugin-PC left 3	0	0	0	0
hugin-PC left 4	0	0	0	3
hugin-RG right 1	0	0	1	0
hugin-RG right 2	0	0	0	0
hugin-RG left 1	0	0	0	0
hugin-RG left 2	0	0	0	0
hugin-VNC right 1	0	0	0	0
hugin-VNC right 2	0	0	0	0
hugin-VNC left 1	0	0	0	0
hugin-VNC left 2	0	0	0	0
hugin-PH right 1	0	0	0	0
hugin-PH right 2	0	0	0	0
hugin-PH left 1	0	0	0	0
hugin-PH left 2	0	0	0	0

3.



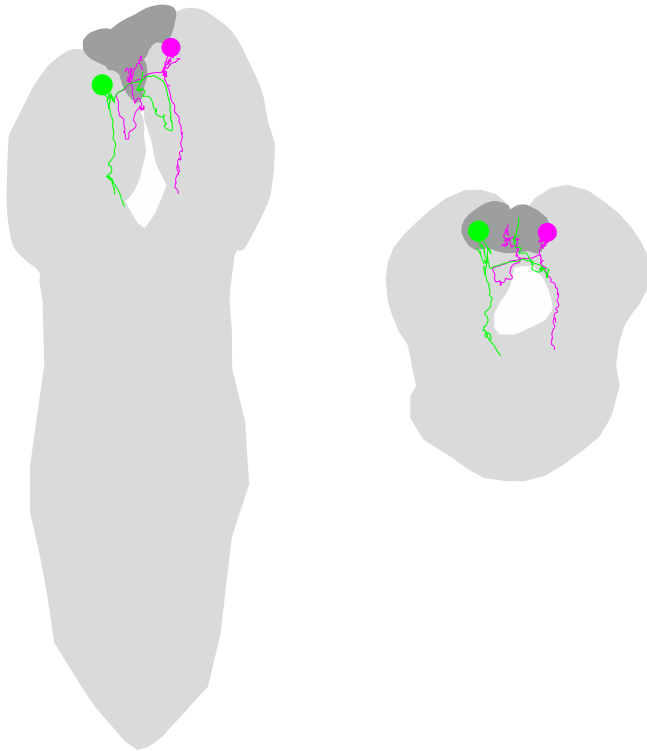
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hugin-PC right 2	0	0	5	0
hugin-PC right 3	0	0	3	0
hugin-PC right 4	0	0	1	0
hugin-PC left 1	0	0	0	0
hugin-PC left 2	0	0	0	5
hugin-PC left 3	0	0	0	3
hugin-PC left 4	0	0	0	3
hugin-RG right 1	0	0	0	0
hugin-RG right 2	0	0	0	0
hugin-RG left 1	0	0	0	0
hugin-RG left 2	0	0	0	0
hugin-VNC right 1	0	0	0	0
hugin-VNC right 2	0	0	0	0
hugin-VNC left 1	0	0	0	0
hugin-VNC left 2	0	0	0	0
hugin-PH right 1	0	0	0	0
hugin-PH right 2	0	0	0	0
hugin-PH left 1	0	0	0	0
hugin-PH left 2	0	0	0	0

4.



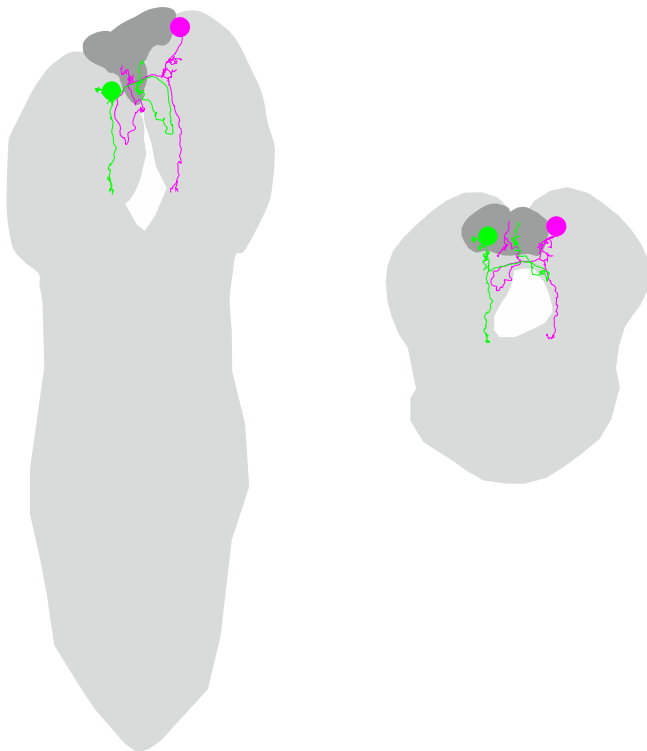
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hugin-PC right 2	0	0	3	0
hugin-PC right 3	0	0	0	0
hugin-PC right 4	0	0	1	0
hugin-PC left 1	0	0	0	9
hugin-PC left 2	0	0	0	1
hugin-PC left 3	0	0	0	1
hugin-PC left 4	0	0	0	2
hugin-RG right 1	0	0	0	0
hugin-RG right 2	0	0	0	0
hugin-RG left 1	0	0	0	0
hugin-RG left 2	0	0	0	0
hugin-VNC right 1	0	0	0	0
hugin-VNC right 2	0	0	0	0
hugin-VNC left 1	0	0	0	0
hugin-VNC left 2	0	0	0	0
hugin-PH right 1	0	0	0	0
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hugin-PH left 1	0	0	0	0
hugin-PH left 2	0	0	0	0

5.



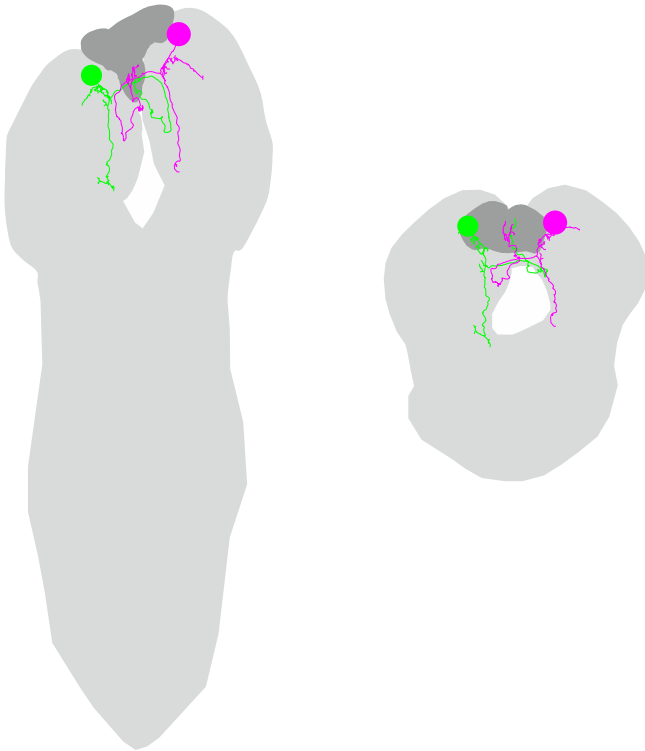
	synapses to		synapses from	
hugin-PC right 1	0	0	0	1
hugin-PC right 2	0	0	0	4
hugin-PC right 3	0	0	0	5
hugin-PC right 4	0	0	0	0
hugin-PC left 1	0	0	3	0
hugin-PC left 2	0	0	3	0
hugin-PC left 3	0	0	3	0
hugin-PC left 4	0	0	2	0
hugin-RG right 1	0	0	0	0
hugin-RG right 2	0	0	0	0
hugin-RG left 1	0	0	0	0
hugin-RG left 2	0	0	0	0
hugin-VNC right 1	0	0	0	0
hugin-VNC right 2	0	0	0	0
hugin-VNC left 1	0	0	0	0
hugin-VNC left 2	0	0	0	0
hugin-PH right 1	0	0	0	0
hugin-PH right 2	0	0	0	0
hugin-PH left 1	0	0	0	0
hugin-PH left 2	0	0	0	0

6.



	synapses to		synapses from	
hugin-PC right 1	0	0	0	7
hugin-PC right 2	0	0	0	1
hugin-PC right 3	0	0	0	1
hugin-PC right 4	0	0	0	1
hugin-PC left 1	0	0	4	0
hugin-PC left 2	0	0	3	0
hugin-PC left 3	0	0	3	0
hugin-PC left 4	0	0	0	0
hugin-RG right 1	0	0	0	0
hugin-RG right 2	0	0	0	0
hugin-RG left 1	0	0	0	0
hugin-RG left 2	0	0	0	0
hugin-VNC right 1	0	0	0	0
hugin-VNC right 2	0	0	0	0
hugin-VNC left 1	0	0	0	0
hugin-VNC left 2	0	0	0	0
hugin-PH right 1	0	0	0	0
hugin-PH right 2	0	0	0	0
hugin-PH left 1	0	0	0	0
hugin-PH left 2	0	0	0	0

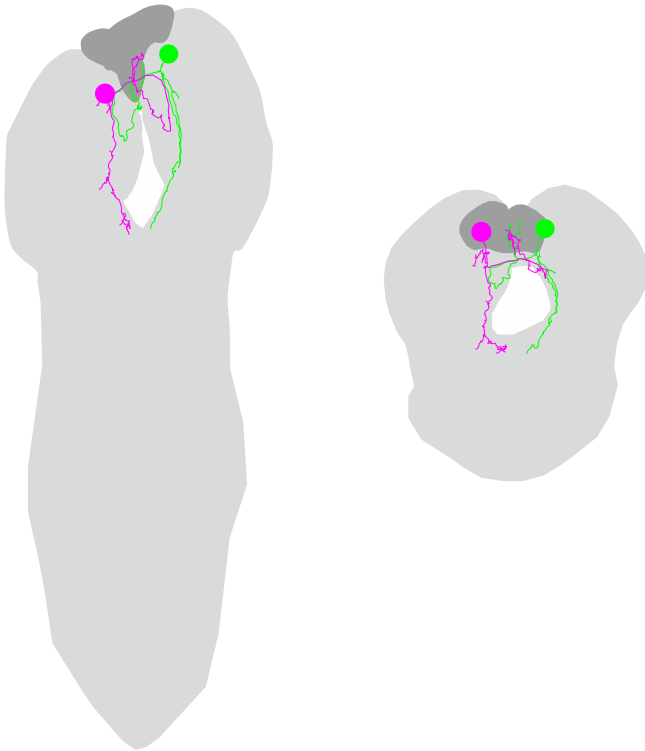
7.



	synapses to		synapses from	
hugin-PC right 1	0	1	0	7
hugin-PC right 2	0	0	0	3
hugin-PC right 3	0	0	0	3
hugin-PC right 4	0	0	0	1
hugin-PC left 1	0	0	7	0
hugin-PC left 2	0	0	2	0
hugin-PC left 3	0	0	4	0
hugin-PC left 4	0	0	1	0
hugin-RG right 1	0	0	0	0
hugin-RG right 2	0	0	0	0
hugin-RG left 1	0	0	0	0
hugin-RG left 2	0	0	0	0
hugin-VNC right 1	0	0	0	0
hugin-VNC right 2	0	0	0	0
hugin-VNC left 1	0	0	0	0
hugin-VNC left 2	0	0	0	0
hugin-PH right 1	0	0	0	0
hugin-PH right 2	0	0	0	0
hugin-PH left 1	0	0	0	0
hugin-PH left 2	0	0	0	0

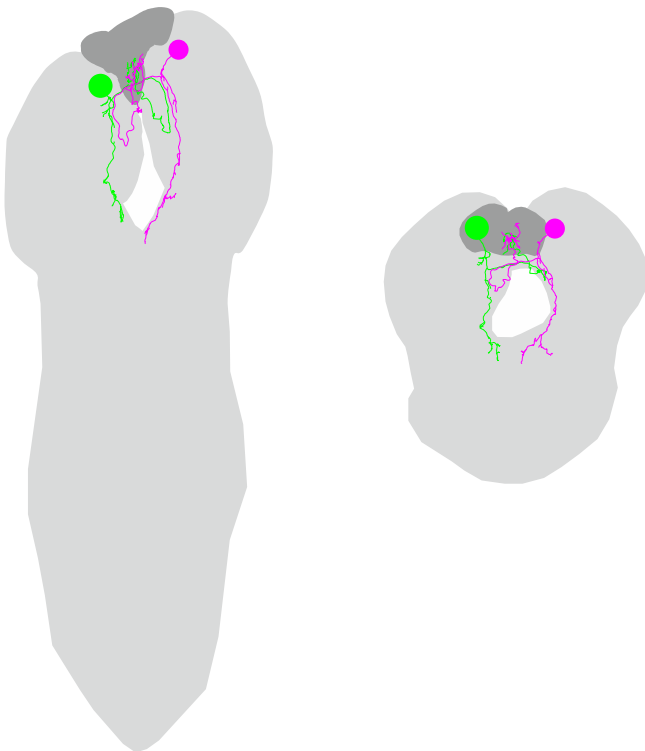
F DH44-producing mNSCs

1.



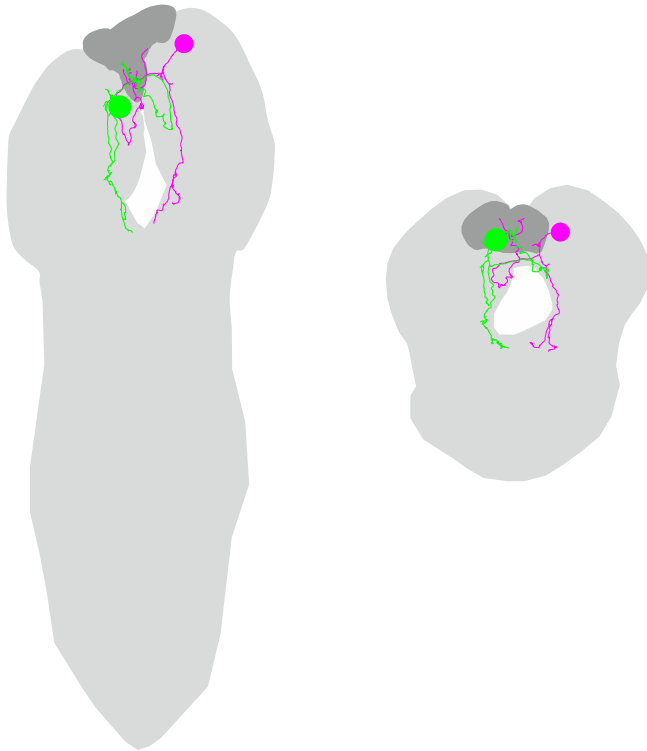
	synapses to		synapses from	
hugin-PC right 1	0	0	0	0
hugin-PC right 2	0	0	1	0
hugin-PC right 3	0	0	1	0
hugin-PC right 4	0	0	0	0
hugin-PC left 1	0	0	0	1
hugin-PC left 2	0	0	0	0
hugin-PC left 3	0	0	0	2
hugin-PC left 4	0	0	0	0
hugin-RG right 1	0	0	0	0
hugin-RG right 2	0	0	0	0
hugin-RG left 1	0	0	0	0
hugin-RG left 2	0	0	0	0
hugin-VNC right 1	0	0	0	0
hugin-VNC right 2	0	0	0	0
hugin-VNC left 1	0	0	0	0
hugin-VNC left 2	0	0	0	0
hugin-PH right 1	0	0	0	0
hugin-PH right 2	0	0	0	0
hugin-PH left 1	0	0	0	0
hugin-PH left 2	0	0	0	0

2.



	synapses to		synapses from	
hugin-PC right 1	0	0	0	0
hugin-PC right 2	0	0	0	0
hugin-PC right 3	0	0	0	0
hugin-PC right 4	0	0	0	0
hugin-PC left 1	0	0	0	0
hugin-PC left 2	0	0	0	0
hugin-PC left 3	0	0	1	0
hugin-PC left 4	0	0	0	0
hugin-RG right 1	0	0	0	0
hugin-RG right 2	0	0	0	0
hugin-RG left 1	0	0	0	0
hugin-RG left 2	0	0	0	0
hugin-VNC right 1	0	0	0	0
hugin-VNC right 2	0	0	0	0
hugin-VNC left 1	0	0	0	0
hugin-VNC left 2	0	0	0	0
hugin-PH right 1	0	0	0	0
hugin-PH right 2	0	0	0	0
hugin-PH left 1	0	0	0	0
hugin-PH left 2	0	0	0	0

3.



	synapses to		synapses from	
hugin-PC right 1	0	0	0	0
hugin-PC right 2	0	0	0	0
hugin-PC right 3	0	0	0	0
hugin-PC right 4	0	0	0	0
hugin-PC left 1	0	0	0	0
hugin-PC left 2	0	0	0	0
hugin-PC left 3	0	0	0	0
hugin-PC left 4	0	0	0	0
hugin-RG right 1	0	0	0	0
hugin-RG right 2	0	0	0	0
hugin-RG left 1	0	0	0	0
hugin-RG left 2	0	0	0	0
hugin-VNC right 1	0	0	0	0
hugin-VNC right 2	0	0	0	0
hugin-VNC left 1	0	0	0	0
hugin-VNC left 2	0	0	0	0
hugin-PH right 1	0	0	0	0
hugin-PH right 2	0	0	0	0
hugin-PH left 1	0	0	0	0
hugin-PH left 2	0	0	0	0

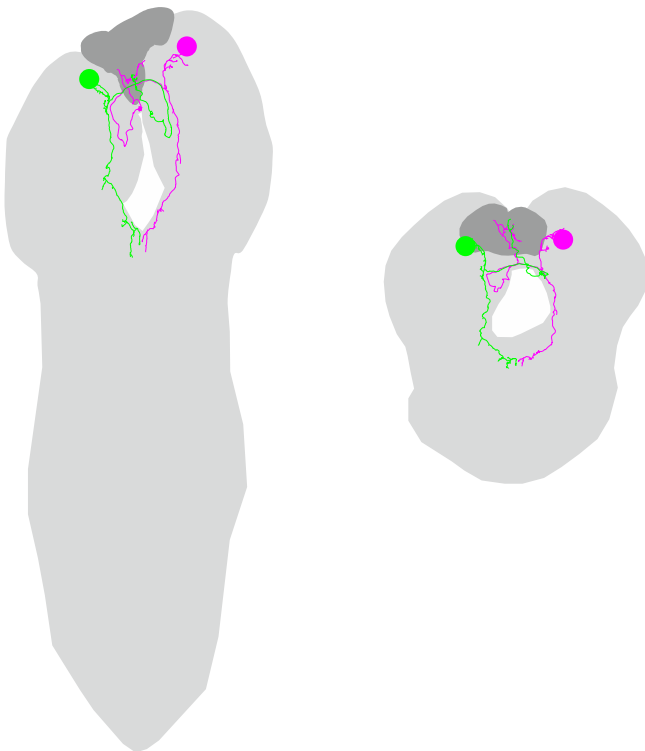
G DMS-producing mNSCs

1.



	synapses to		synapses from	
hugin-PC right 1	0	0	0	0
hugin-PC right 2	0	0	0	0
hugin-PC right 3	0	0	0	0
hugin-PC right 4	0	0	1	0
hugin-PC left 1	0	0	0	1
hugin-PC left 2	0	0	0	3
hugin-PC left 3	0	0	0	0
hugin-PC left 4	0	0	0	3
hugin-RG right 1	0	0	0	0
hugin-RG right 2	0	0	0	0
hugin-RG left 1	0	0	0	0
hugin-RG left 2	0	0	0	0
hugin-VNC right 1	0	0	0	0
hugin-VNC right 2	0	0	0	0
hugin-VNC left 1	0	0	0	0
hugin-VNC left 2	0	0	0	0
hugin-PH right 1	0	0	0	0
hugin-PH right 2	0	0	0	0
hugin-PH left 1	0	0	0	0
hugin-PH left 2	0	0	0	0

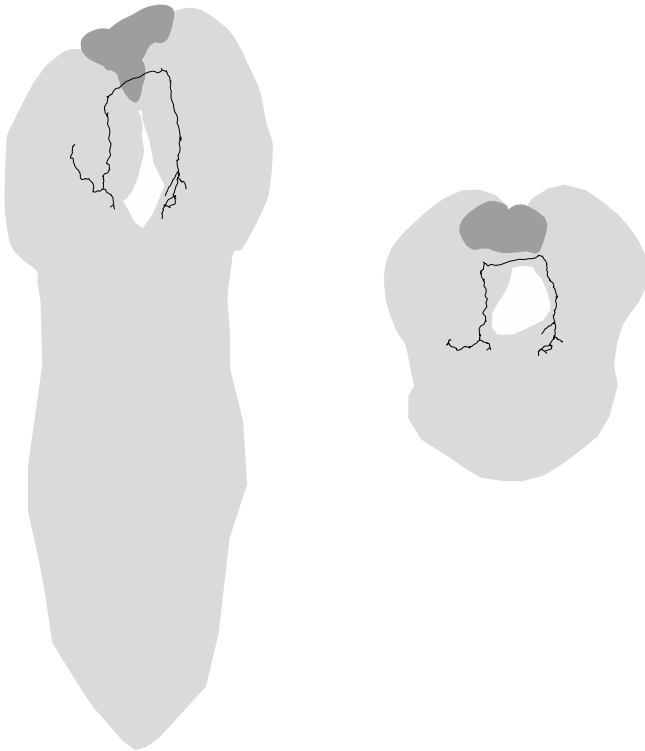
2.



	synapses to		synapses from	
hugin-PC right 1	0	0	0	0
hugin-PC right 2	0	0	0	0
hugin-PC right 3	0	0	0	0
hugin-PC right 4	0	0	0	0
hugin-PC left 1	0	0	1	0
hugin-PC left 2	0	0	0	0
hugin-PC left 3	0	0	2	0
hugin-PC left 4	0	0	0	0
hugin-RG right 1	0	0	0	0
hugin-RG right 2	0	0	0	0
hugin-RG left 1	0	0	0	0
hugin-RG left 2	0	0	0	0
hugin-VNC right 1	0	0	0	0
hugin-VNC right 2	0	0	0	0
hugin-VNC left 1	0	0	0	0
hugin-VNC left 2	0	0	0	0
hugin-PH right 1	0	0	0	0
hugin-PH right 2	0	0	0	0
hugin-PH left 1	0	0	0	0
hugin-PH left 2	0	0	0	0

H AN sensory neurons

1.

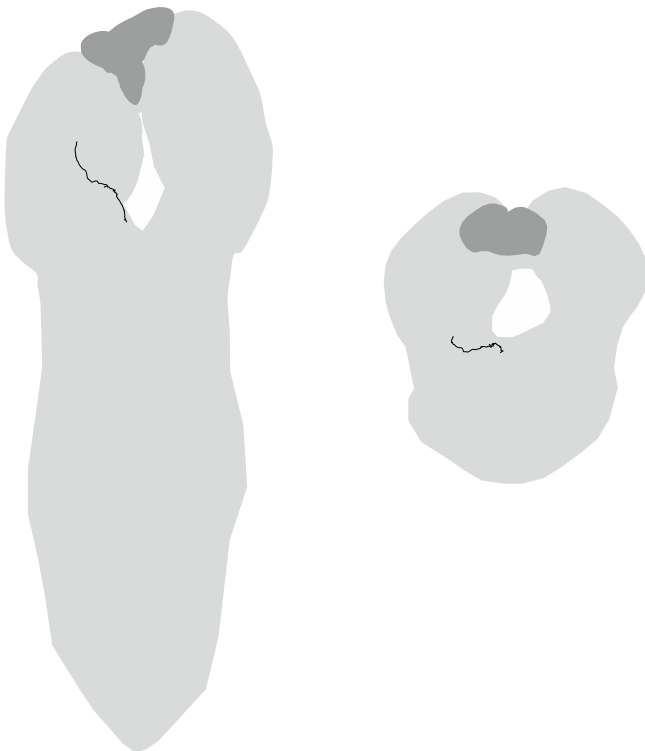


synapses to

synapses from

hugin-PC right 1	0	2
hugin-PC right 2	1	1
hugin-PC right 3	0	0
hugin-PC right 4	0	0
hugin-PC left 1	2	0
hugin-PC left 2	0	0
hugin-PC left 3	2	0
hugin-PC left 4	1	0
hugin-RG right 1	0	0
hugin-RG right 2	0	0
hugin-RG left 1	0	0
hugin-RG left 2	0	0
hugin-VNC right 1	0	0
hugin-VNC right 2	0	0
hugin-VNC left 1	0	0
hugin-VNC left 2	0	0
hugin-PH right 1	0	0
hugin-PH right 2	0	0
hugin-PH left 1	0	0
hugin-PH left 2	0	0

2.

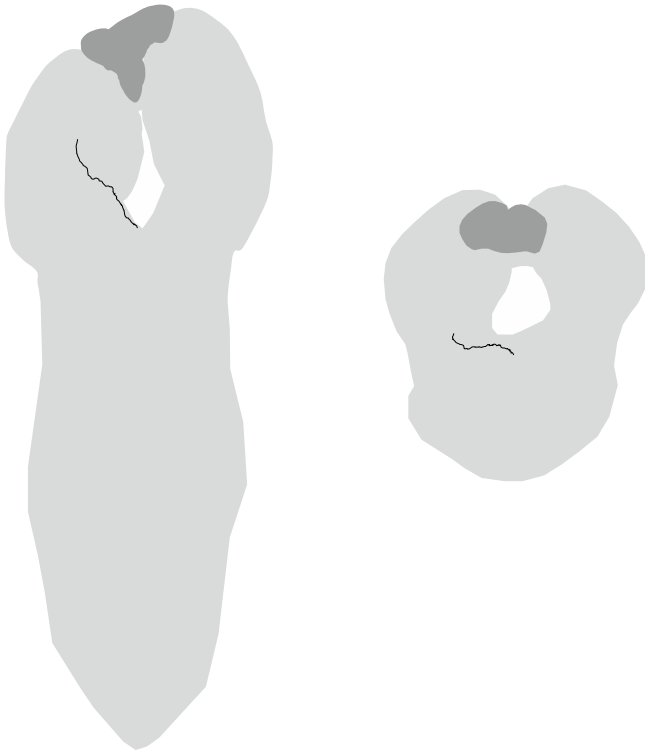


synapses to

synapses from

hugin-PC right 1	0	0
hugin-PC right 2	0	0
hugin-PC right 3	0	0
hugin-PC right 4	0	0
hugin-PC left 1	0	0
hugin-PC left 2	0	0
hugin-PC left 3	0	0
hugin-PC left 4	0	0
hugin-RG right 1	0	0
hugin-RG right 2	0	0
hugin-RG left 1	0	0
hugin-RG left 2	0	0
hugin-VNC right 1	1	0
hugin-VNC right 2	2	0
hugin-VNC left 1	0	0
hugin-VNC left 2	0	0
hugin-PH right 1	0	0
hugin-PH right 2	0	0
hugin-PH left 1	0	0
hugin-PH left 2	0	0

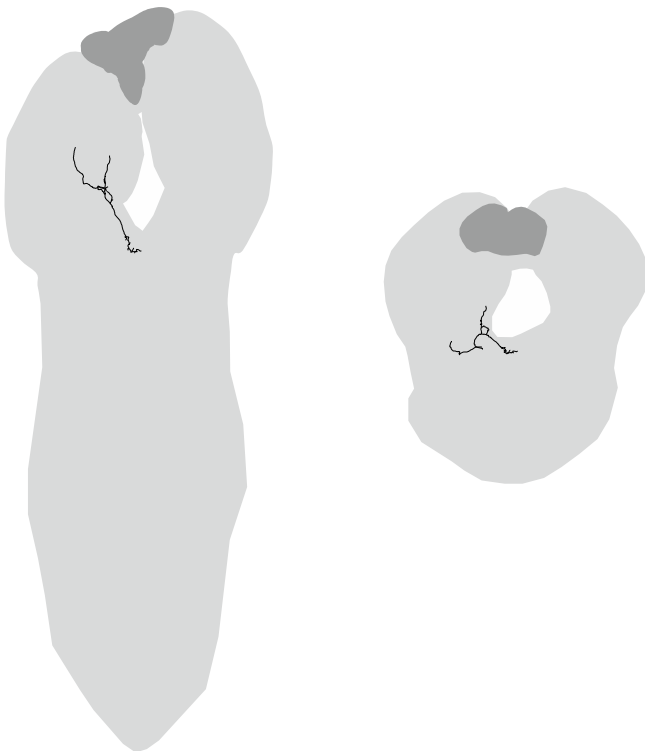
3.



synapses to synapses from

hugin-PC right 1	0	0
hugin-PC right 2	0	0
hugin-PC right 3	0	0
hugin-PC right 4	0	0
hugin-PC left 1	0	0
hugin-PC left 2	0	0
hugin-PC left 3	0	0
hugin-PC left 4	1	0
hugin-RG right 1	0	0
hugin-RG right 2	0	0
hugin-RG left 1	0	0
hugin-RG left 2	0	0
hugin-VNC right 1	1	0
hugin-VNC right 2	0	0
hugin-VNC left 1	0	0
hugin-VNC left 2	0	0
hugin-PH right 1	0	0
hugin-PH right 2	0	0
hugin-PH left 1	0	0
hugin-PH left 2	0	0

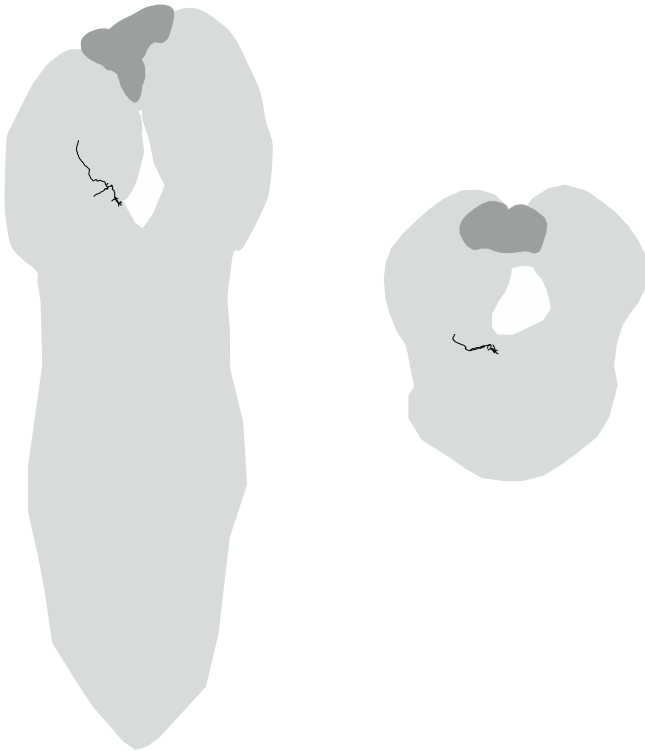
4.



synapses to synapses from

hugin-PC right 1	0	0
hugin-PC right 2	0	0
hugin-PC right 3	0	0
hugin-PC right 4	0	0
hugin-PC left 1	0	0
hugin-PC left 2	0	0
hugin-PC left 3	1	0
hugin-PC left 4	0	0
hugin-RG right 1	1	0
hugin-RG right 2	0	0
hugin-RG left 1	2	0
hugin-RG left 2	0	0
hugin-VNC right 1	0	0
hugin-VNC right 2	0	0
hugin-VNC left 1	0	0
hugin-VNC left 2	0	0
hugin-PH right 1	0	0
hugin-PH right 2	0	0
hugin-PH left 1	0	0
hugin-PH left 2	0	0

5.

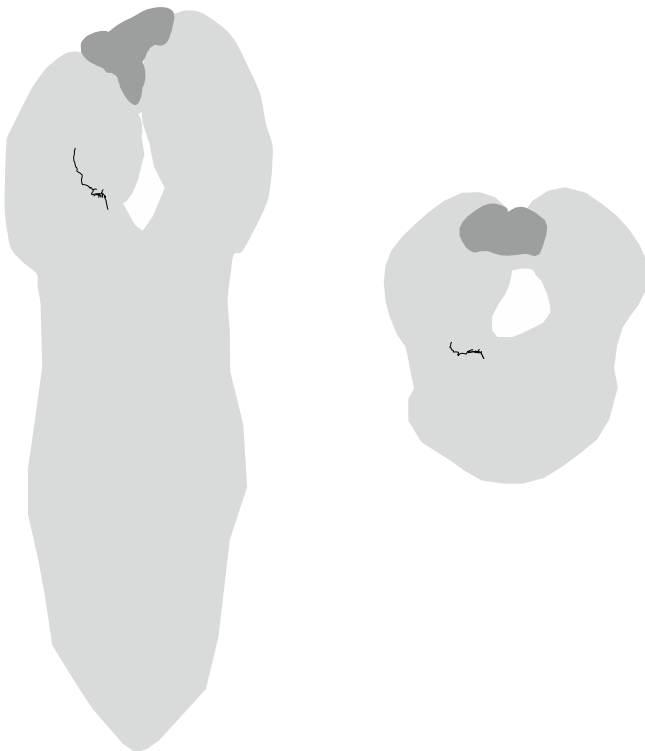


synapses to

synapses from

hugin-PC right 1	0	0
hugin-PC right 2	0	0
hugin-PC right 3	0	0
hugin-PC right 4	0	0
hugin-PC left 1	0	0
hugin-PC left 2	0	0
hugin-PC left 3	0	0
hugin-PC left 4	0	2
hugin-RG right 1	0	0
hugin-RG right 2	0	0
hugin-RG left 1	0	0
hugin-RG left 2	0	0
hugin-VNC right 1	0	0
hugin-VNC right 2	1	0
hugin-VNC left 1	0	0
hugin-VNC left 2	0	0
hugin-PH right 1	0	0
hugin-PH right 2	0	0
hugin-PH left 1	0	0
hugin-PH left 2	0	0

6.

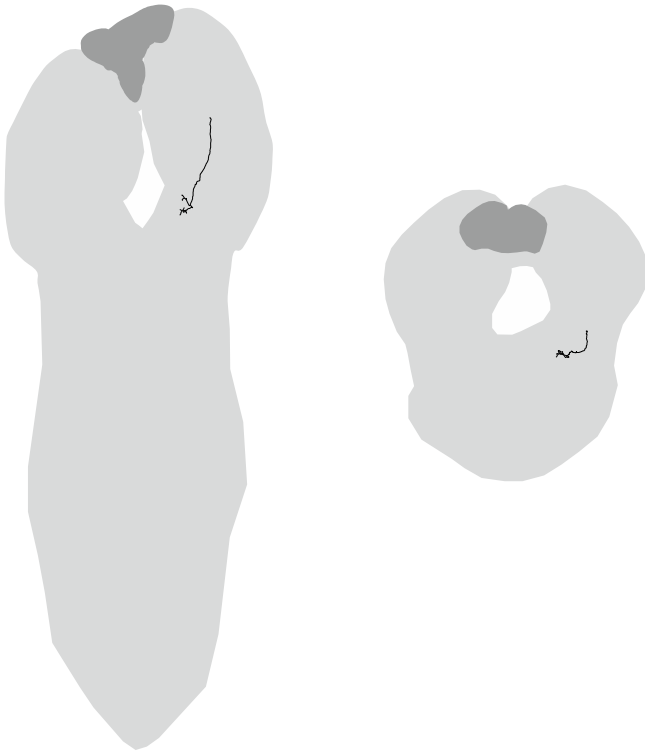


synapses to

synapses from

hugin-PC right 1	0	0
hugin-PC right 2	0	0
hugin-PC right 3	0	0
hugin-PC right 4	0	0
hugin-PC left 1	3	0
hugin-PC left 2	0	0
hugin-PC left 3	0	0
hugin-PC left 4	2	0
hugin-RG right 1	0	0
hugin-RG right 2	0	0
hugin-RG left 1	0	0
hugin-RG left 2	0	0
hugin-VNC right 1	0	0
hugin-VNC right 2	0	0
hugin-VNC left 1	0	0
hugin-VNC left 2	0	0
hugin-PH right 1	0	0
hugin-PH right 2	0	0
hugin-PH left 1	0	0
hugin-PH left 2	0	0

7.

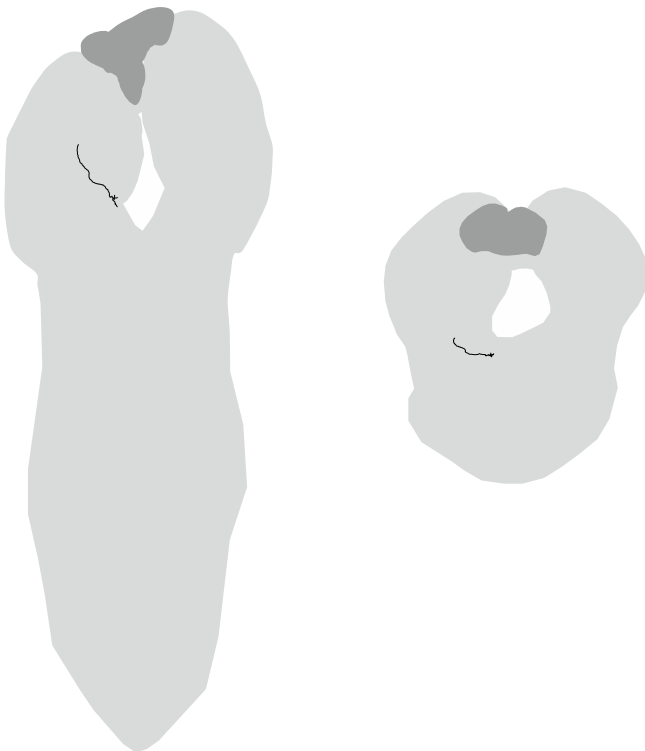


synapses to

synapses from

hugin-PC right 1	0	0
hugin-PC right 2	0	0
hugin-PC right 3	0	0
hugin-PC right 4	2	0
hugin-PC left 1	0	0
hugin-PC left 2	0	0
hugin-PC left 3	0	0
hugin-PC left 4	0	0
hugin-RG right 1	0	0
hugin-RG right 2	0	0
hugin-RG left 1	0	0
hugin-RG left 2	0	0
hugin-VNC right 1	0	0
hugin-VNC right 2	0	0
hugin-VNC left 1	0	0
hugin-VNC left 2	0	0
hugin-PH right 1	0	0
hugin-PH right 2	0	0
hugin-PH left 1	0	0
hugin-PH left 2	0	0

8.

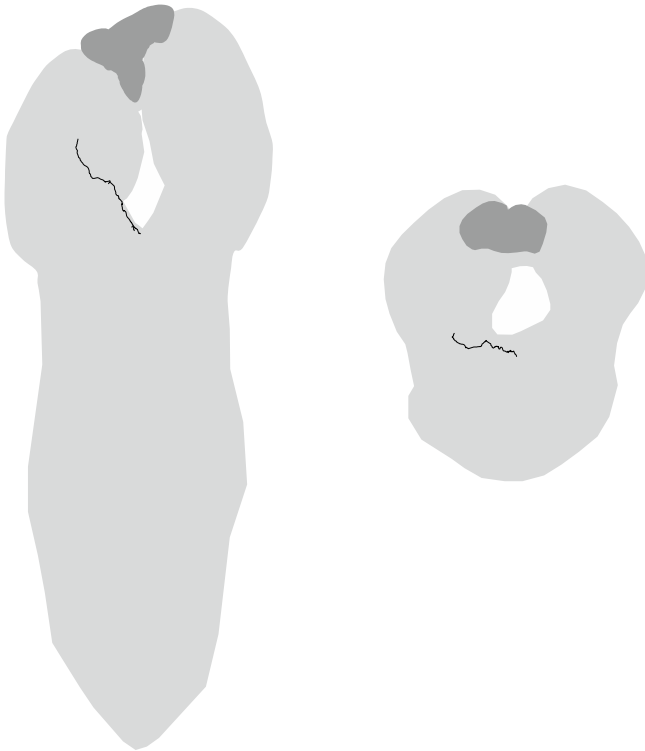


synapses to

synapses from

hugin-PC right 1	0	0
hugin-PC right 2	0	0
hugin-PC right 3	0	0
hugin-PC right 4	0	0
hugin-PC left 1	4	0
hugin-PC left 2	0	0
hugin-PC left 3	0	0
hugin-PC left 4	1	0
hugin-RG right 1	0	0
hugin-RG right 2	0	0
hugin-RG left 1	0	0
hugin-RG left 2	0	0
hugin-VNC right 1	0	0
hugin-VNC right 2	1	0
hugin-VNC left 1	0	0
hugin-VNC left 2	0	0
hugin-PH right 1	0	0
hugin-PH right 2	0	0
hugin-PH left 1	0	0
hugin-PH left 2	0	0

9.

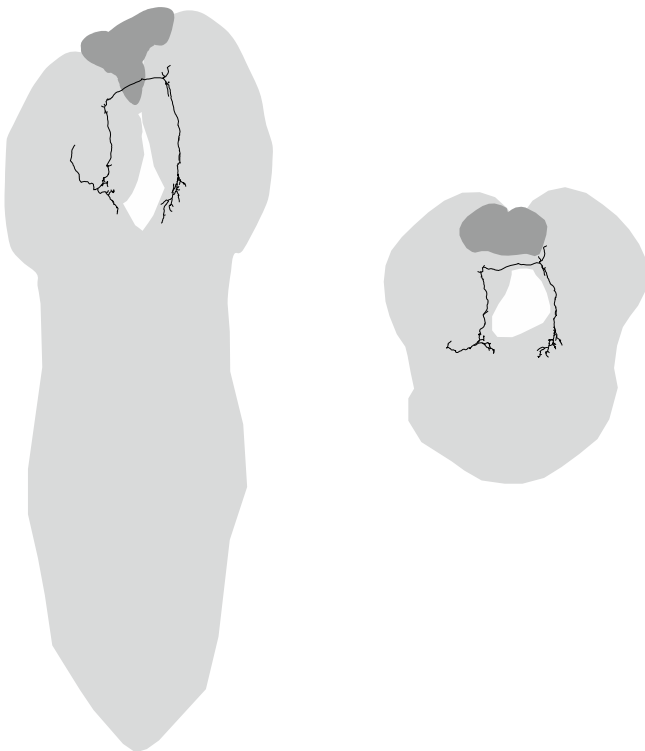


synapses to

synapses from

hugin-PC right 1	0	0
hugin-PC right 2	0	0
hugin-PC right 3	0	0
hugin-PC right 4	0	0
hugin-PC left 1	0	0
hugin-PC left 2	1	0
hugin-PC left 3	2	0
hugin-PC left 4	0	0
hugin-RG right 1	0	0
hugin-RG right 2	0	0
hugin-RG left 1	0	0
hugin-RG left 2	0	0
hugin-VNC right 1	2	0
hugin-VNC right 2	6	0
hugin-VNC left 1	2	0
hugin-VNC left 2	0	0
hugin-PH right 1	0	0
hugin-PH right 2	0	0
hugin-PH left 1	0	0
hugin-PH left 2	0	0

10.

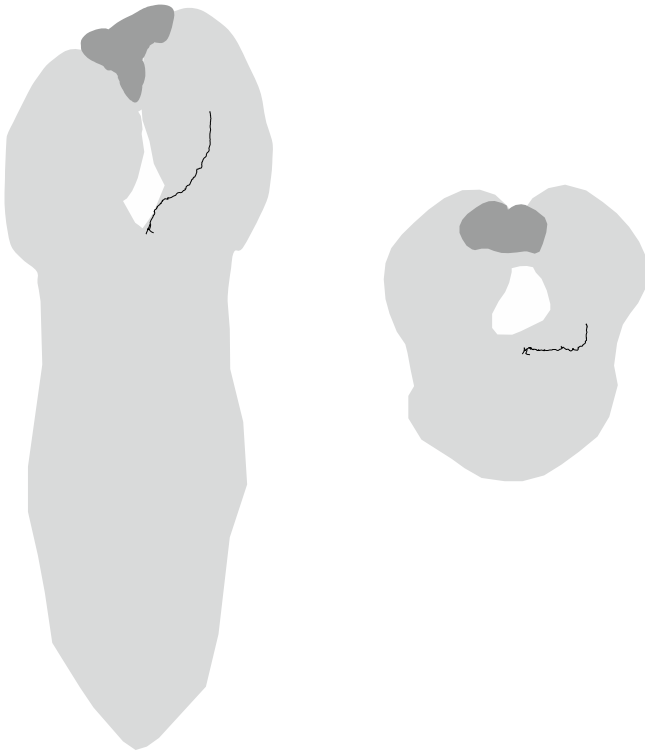


synapses to

synapses from

hugin-PC right 1	1	1
hugin-PC right 2	0	1
hugin-PC right 3	1	0
hugin-PC right 4	2	0
hugin-PC left 1	1	0
hugin-PC left 2	0	0
hugin-PC left 3	1	1
hugin-PC left 4	7	0
hugin-RG right 1	0	0
hugin-RG right 2	0	0
hugin-RG left 1	0	0
hugin-RG left 2	0	0
hugin-VNC right 1	0	0
hugin-VNC right 2	0	0
hugin-VNC left 1	0	0
hugin-VNC left 2	0	0
hugin-PH right 1	0	0
hugin-PH right 2	0	0
hugin-PH left 1	0	0
hugin-PH left 2	0	0

11.

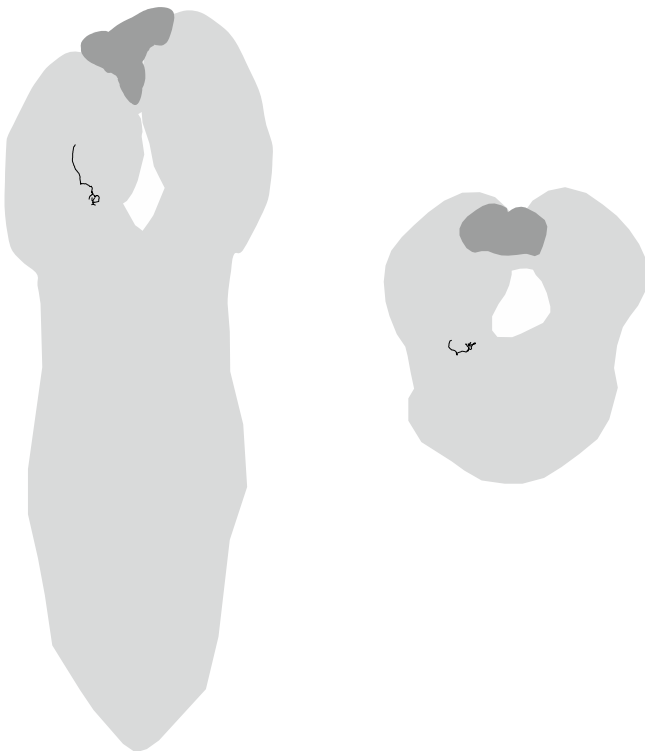


synapses to

synapses from

hugin-PC right 1	0	0
hugin-PC right 2	0	0
hugin-PC right 3	0	0
hugin-PC right 4	0	0
hugin-PC left 1	0	0
hugin-PC left 2	0	0
hugin-PC left 3	0	0
hugin-PC left 4	0	0
hugin-RG right 1	0	0
hugin-RG right 2	0	0
hugin-RG left 1	0	0
hugin-RG left 2	0	0
hugin-VNC right 1	0	0
hugin-VNC right 2	0	0
hugin-VNC left 1	0	0
hugin-VNC left 2	2	0
hugin-PH right 1	0	0
hugin-PH right 2	0	0
hugin-PH left 1	0	0
hugin-PH left 2	0	0

12.

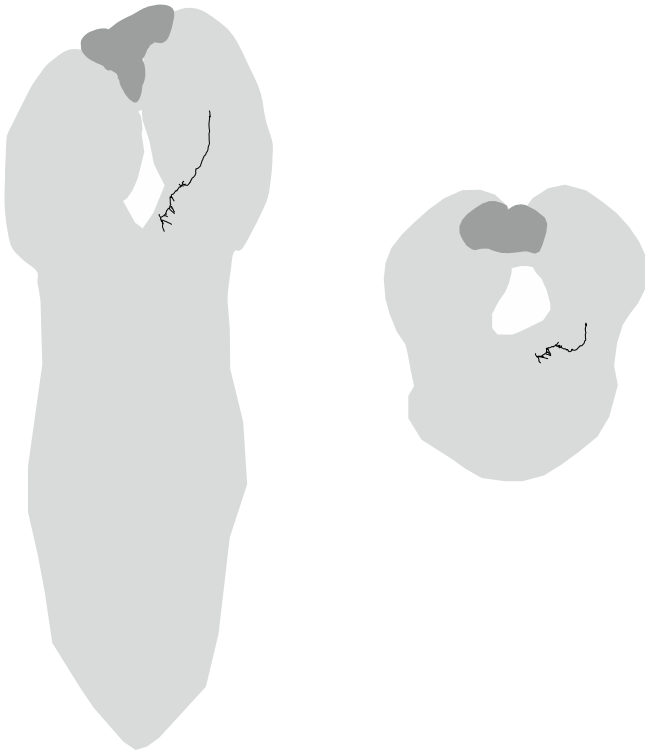


synapses to

synapses from

hugin-PC right 1	0	0
hugin-PC right 2	0	0
hugin-PC right 3	0	0
hugin-PC right 4	0	0
hugin-PC left 1	3	0
hugin-PC left 2	0	0
hugin-PC left 3	0	0
hugin-PC left 4	0	0
hugin-RG right 1	0	0
hugin-RG right 2	0	0
hugin-RG left 1	0	0
hugin-RG left 2	0	0
hugin-VNC right 1	0	0
hugin-VNC right 2	0	0
hugin-VNC left 1	0	0
hugin-VNC left 2	0	0
hugin-PH right 1	0	0
hugin-PH right 2	0	0
hugin-PH left 1	0	0
hugin-PH left 2	0	0

13.

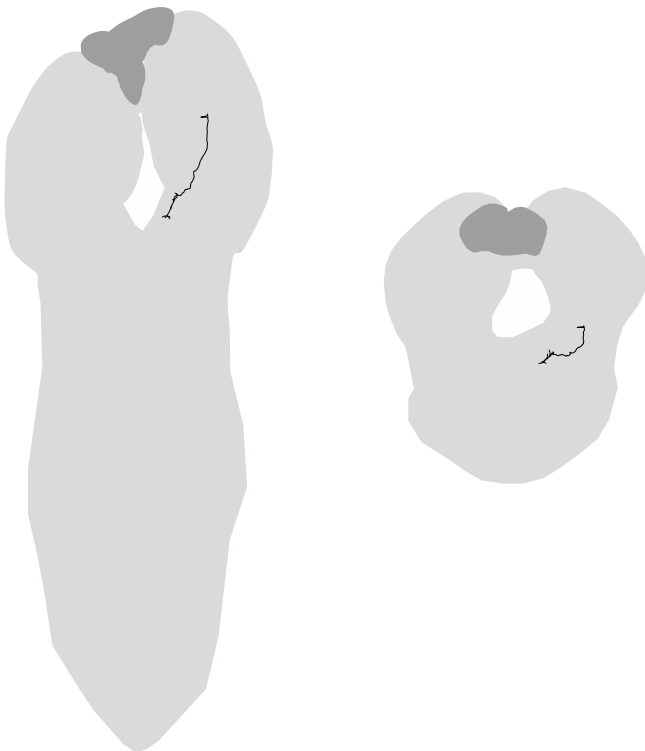


synapses to

synapses from

hugin-PC right 1	3	1
hugin-PC right 2	1	0
hugin-PC right 3	0	0
hugin-PC right 4	3	1
hugin-PC left 1	0	0
hugin-PC left 2	0	0
hugin-PC left 3	0	0
hugin-PC left 4	0	0
hugin-RG right 1	0	0
hugin-RG right 2	0	0
hugin-RG left 1	0	0
hugin-RG left 2	0	0
hugin-VNC right 1	0	0
hugin-VNC right 2	0	0
hugin-VNC left 1	0	0
hugin-VNC left 2	0	0
hugin-PH right 1	0	0
hugin-PH right 2	0	0
hugin-PH left 1	0	0
hugin-PH left 2	0	0

14.

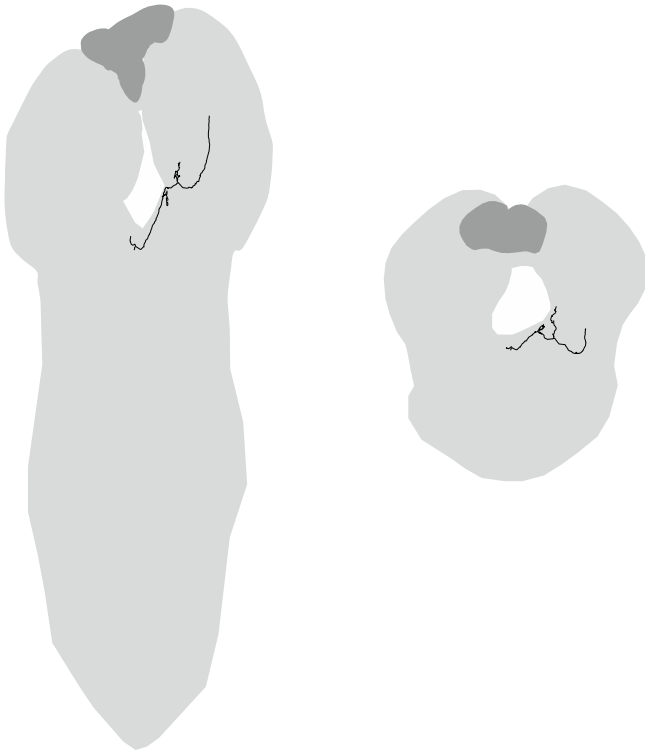


synapses to

synapses from

hugin-PC right 1	1	0
hugin-PC right 2	0	0
hugin-PC right 3	2	0
hugin-PC right 4	1	0
hugin-PC left 1	0	0
hugin-PC left 2	0	0
hugin-PC left 3	0	0
hugin-PC left 4	0	0
hugin-RG right 1	0	0
hugin-RG right 2	0	0
hugin-RG left 1	0	0
hugin-RG left 2	0	0
hugin-VNC right 1	0	0
hugin-VNC right 2	0	0
hugin-VNC left 1	0	0
hugin-VNC left 2	0	0
hugin-PH right 1	0	0
hugin-PH right 2	0	0
hugin-PH left 1	0	0
hugin-PH left 2	0	0

15.

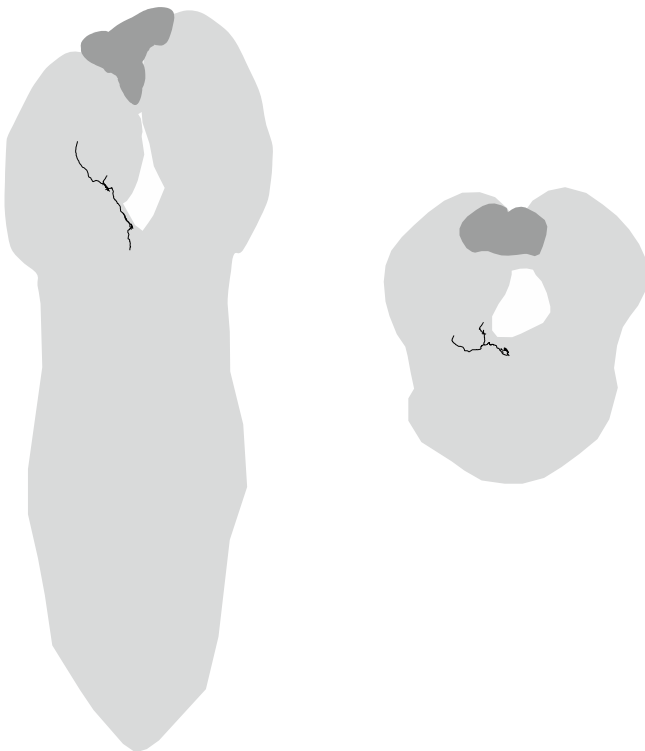


synapses to

synapses from

hugin-PC right 1	0	0
hugin-PC right 2	0	0
hugin-PC right 3	0	0
hugin-PC right 4	0	0
hugin-PC left 1	0	0
hugin-PC left 2	0	0
hugin-PC left 3	0	0
hugin-PC left 4	0	0
hugin-RG right 1	0	0
hugin-RG right 2	0	0
hugin-RG left 1	0	0
hugin-RG left 2	1	0
hugin-VNC right 1	0	0
hugin-VNC right 2	1	0
hugin-VNC left 1	0	0
hugin-VNC left 2	0	0
hugin-PH right 1	0	0
hugin-PH right 2	0	0
hugin-PH left 1	0	0
hugin-PH left 2	0	0

16.

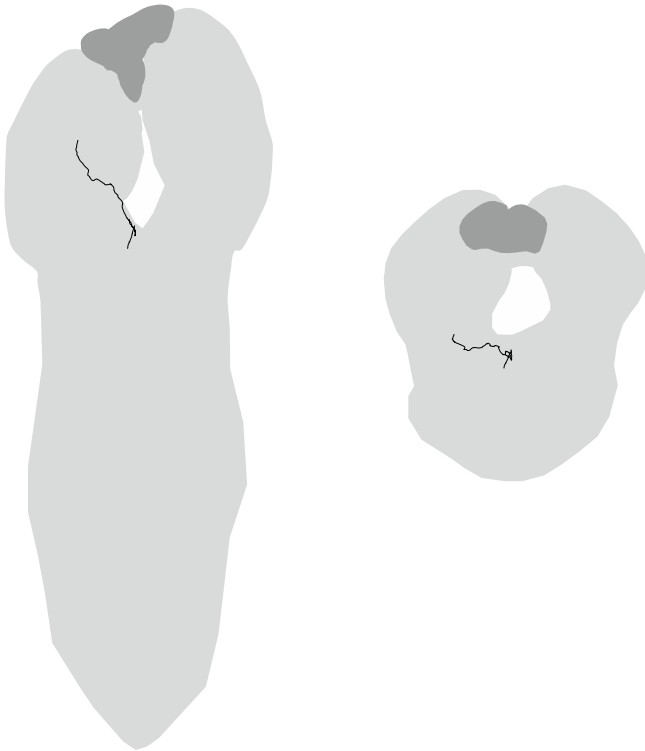


synapses to

synapses from

hugin-PC right 1	0	0
hugin-PC right 2	0	0
hugin-PC right 3	0	0
hugin-PC right 4	0	0
hugin-PC left 1	0	0
hugin-PC left 2	0	0
hugin-PC left 3	0	0
hugin-PC left 4	0	0
hugin-RG right 1	0	0
hugin-RG right 2	0	0
hugin-RG left 1	0	0
hugin-RG left 2	0	0
hugin-VNC right 1	2	1
hugin-VNC right 2	0	0
hugin-VNC left 1	1	0
hugin-VNC left 2	0	0
hugin-PH right 1	0	0
hugin-PH right 2	0	0
hugin-PH left 1	0	0
hugin-PH left 2	0	0

17.

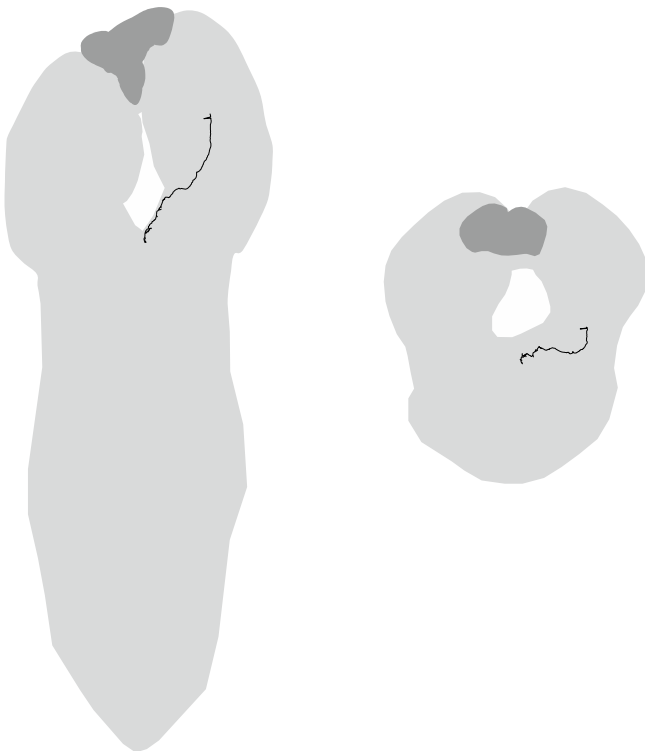


synapses to

synapses from

hugin-PC right 1	0	0
hugin-PC right 2	0	0
hugin-PC right 3	0	0
hugin-PC right 4	0	0
hugin-PC left 1	2	0
hugin-PC left 2	2	0
hugin-PC left 3	2	0
hugin-PC left 4	0	0
hugin-RG right 1	0	0
hugin-RG right 2	0	0
hugin-RG left 1	0	0
hugin-RG left 2	0	0
hugin-VNC right 1	0	0
hugin-VNC right 2	1	0
hugin-VNC left 1	1	0
hugin-VNC left 2	0	0
hugin-PH right 1	0	0
hugin-PH right 2	0	0
hugin-PH left 1	0	0
hugin-PH left 2	0	0

18.

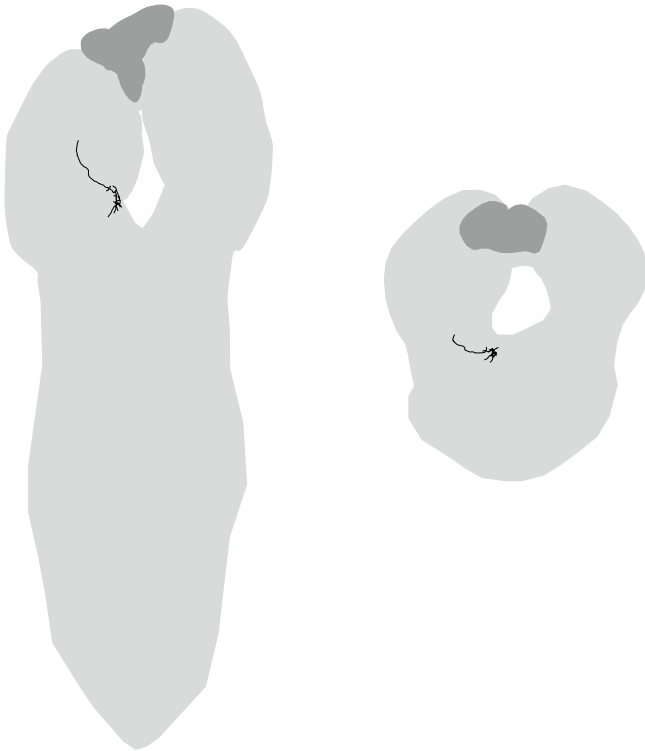


synapses to

synapses from

hugin-PC right 1	3	0
hugin-PC right 2	0	0
hugin-PC right 3	0	0
hugin-PC right 4	0	0
hugin-PC left 1	0	0
hugin-PC left 2	0	0
hugin-PC left 3	0	0
hugin-PC left 4	0	0
hugin-RG right 1	0	0
hugin-RG right 2	0	0
hugin-RG left 1	0	0
hugin-RG left 2	0	0
hugin-VNC right 1	0	0
hugin-VNC right 2	0	0
hugin-VNC left 1	0	0
hugin-VNC left 2	2	0
hugin-PH right 1	0	0
hugin-PH right 2	0	0
hugin-PH left 1	0	0
hugin-PH left 2	0	0

19.

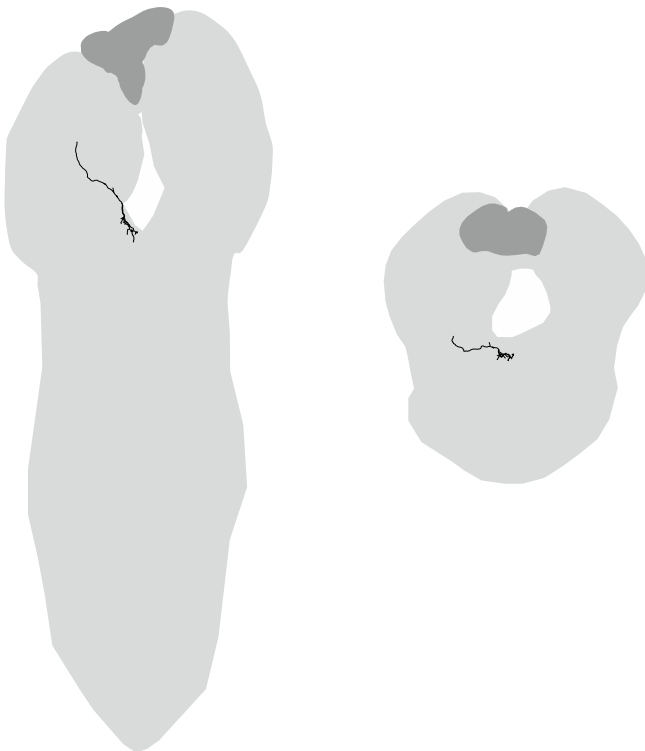


synapses to

synapses from

hugin-PC right 1	0	0
hugin-PC right 2	0	0
hugin-PC right 3	0	0
hugin-PC right 4	0	0
hugin-PC left 1	1	0
hugin-PC left 2	0	0
hugin-PC left 3	2	0
hugin-PC left 4	2	0
hugin-RG right 1	0	0
hugin-RG right 2	0	0
hugin-RG left 1	0	0
hugin-RG left 2	0	0
hugin-VNC right 1	0	0
hugin-VNC right 2	0	0
hugin-VNC left 1	0	0
hugin-VNC left 2	0	0
hugin-PH right 1	0	0
hugin-PH right 2	0	0
hugin-PH left 1	0	0
hugin-PH left 2	0	0

20.

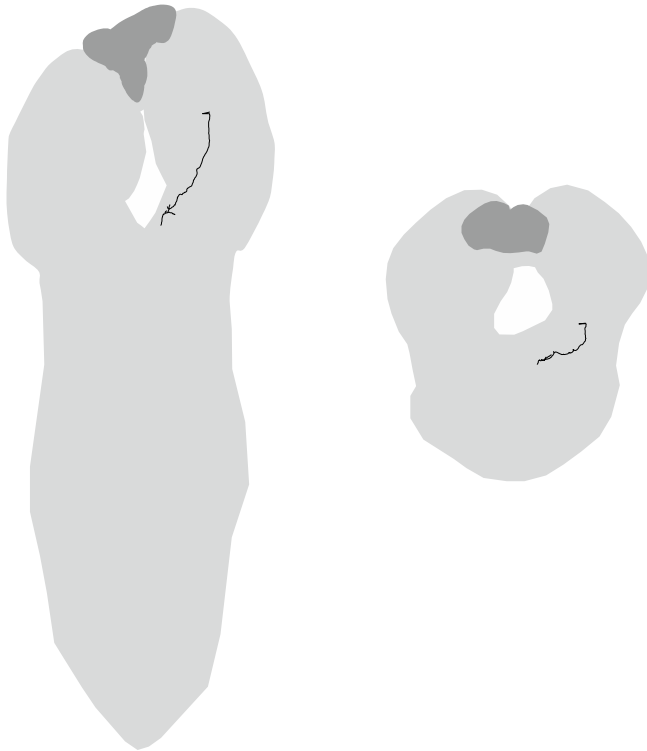


synapses to

synapses from

hugin-PC right 1	0	0
hugin-PC right 2	0	0
hugin-PC right 3	0	0
hugin-PC right 4	0	0
hugin-PC left 1	1	0
hugin-PC left 2	1	0
hugin-PC left 3	0	0
hugin-PC left 4	3	0
hugin-RG right 1	0	0
hugin-RG right 2	0	0
hugin-RG left 1	0	0
hugin-RG left 2	0	0
hugin-VNC right 1	3	0
hugin-VNC right 2	0	0
hugin-VNC left 1	1	0
hugin-VNC left 2	0	0
hugin-PH right 1	0	0
hugin-PH right 2	0	0
hugin-PH left 1	0	0
hugin-PH left 2	0	0

21.

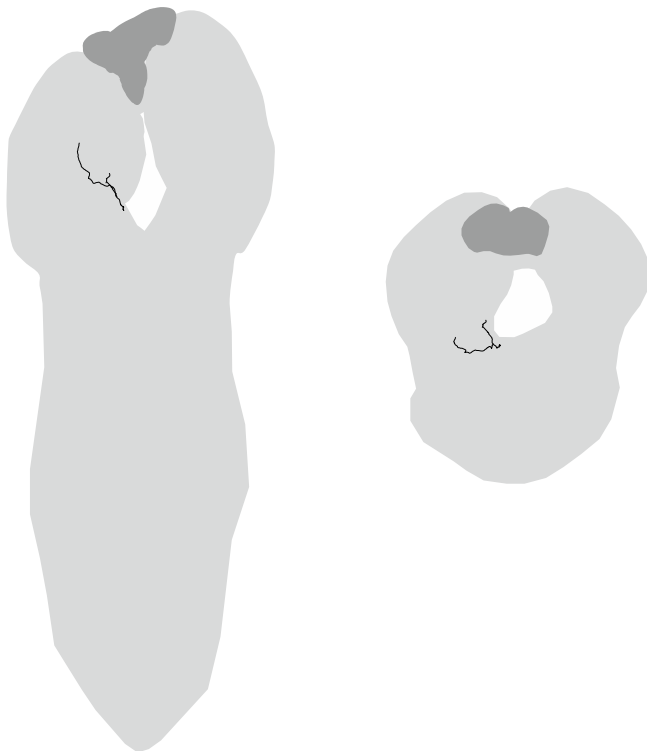


synapses to

synapses from

hugin-PC right 1	2	0
hugin-PC right 2	1	0
hugin-PC right 3	3	0
hugin-PC right 4	0	0
hugin-PC left 1	0	0
hugin-PC left 2	0	0
hugin-PC left 3	0	0
hugin-PC left 4	0	0
hugin-RG right 1	0	0
hugin-RG right 2	0	0
hugin-RG left 1	0	0
hugin-RG left 2	0	0
hugin-VNC right 1	0	0
hugin-VNC right 2	0	0
hugin-VNC left 1	0	0
hugin-VNC left 2	0	0
hugin-PH right 1	0	0
hugin-PH right 2	0	0
hugin-PH left 1	0	0
hugin-PH left 2	0	0

22.

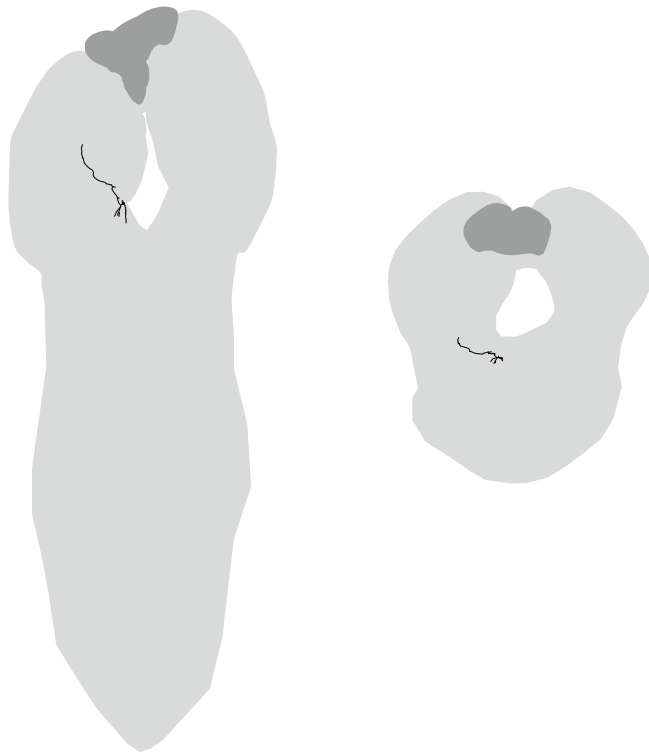


synapses to

synapses from

hugin-PC right 1	0	0
hugin-PC right 2	0	0
hugin-PC right 3	0	0
hugin-PC right 4	0	0
hugin-PC left 1	0	0
hugin-PC left 2	0	0
hugin-PC left 3	0	0
hugin-PC left 4	0	0
hugin-RG right 1	0	0
hugin-RG right 2	0	0
hugin-RG left 1	0	0
hugin-RG left 2	0	0
hugin-VNC right 1	3	0
hugin-VNC right 2	1	0
hugin-VNC left 1	3	0
hugin-VNC left 2	0	0
hugin-PH right 1	0	0
hugin-PH right 2	0	0
hugin-PH left 1	0	0
hugin-PH left 2	0	0

23.

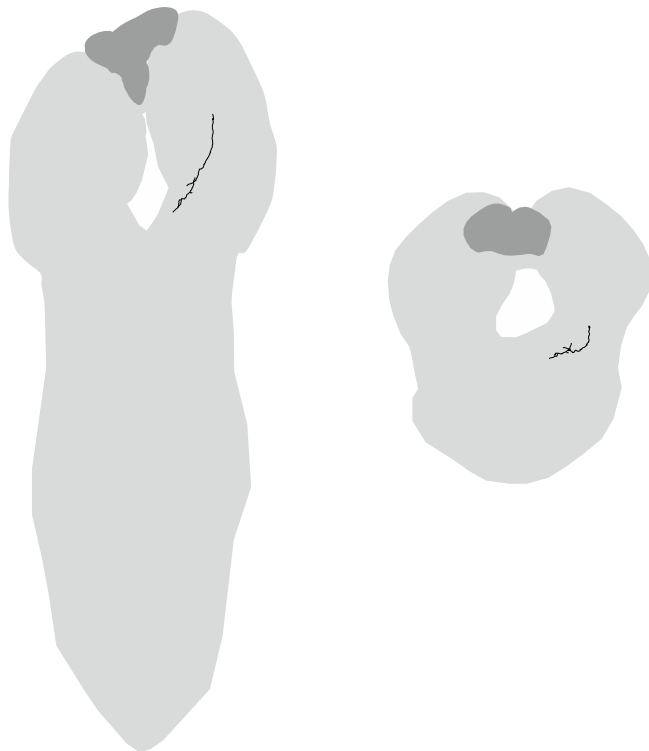


synapses to

synapses from

hugin-PC right 1	0	0
hugin-PC right 2	0	0
hugin-PC right 3	0	0
hugin-PC right 4	0	0
hugin-PC left 1	1	0
hugin-PC left 2	0	0
hugin-PC left 3	2	0
hugin-PC left 4	1	0
hugin-RG right 1	0	0
hugin-RG right 2	0	0
hugin-RG left 1	0	0
hugin-RG left 2	0	0
hugin-VNC right 1	0	0
hugin-VNC right 2	0	0
hugin-VNC left 1	0	0
hugin-VNC left 2	0	0
hugin-PH right 1	0	0
hugin-PH right 2	0	0
hugin-PH left 1	0	0
hugin-PH left 2	0	0

24.

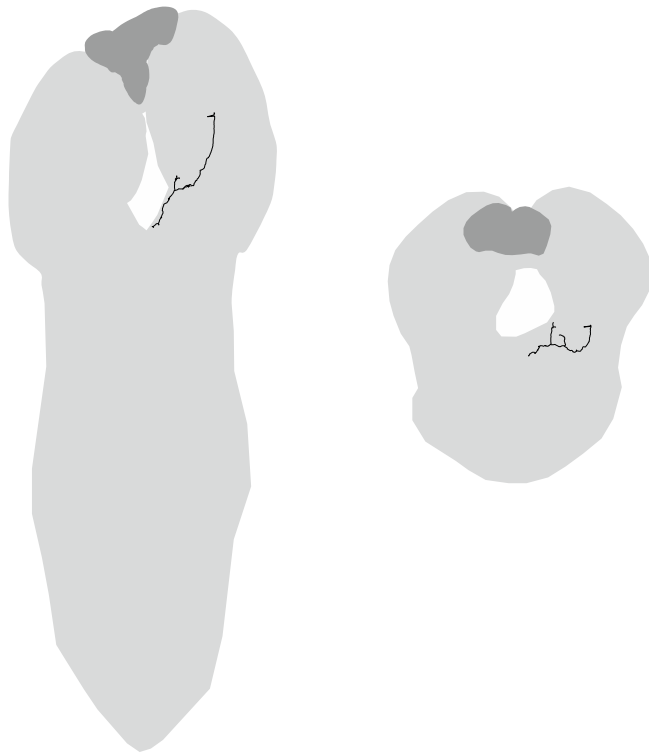


synapses to

synapses from

hugin-PC right 1	0	0
hugin-PC right 2	0	0
hugin-PC right 3	0	0
hugin-PC right 4	2	0
hugin-PC left 1	0	0
hugin-PC left 2	0	0
hugin-PC left 3	0	0
hugin-PC left 4	0	0
hugin-RG right 1	0	0
hugin-RG right 2	0	0
hugin-RG left 1	0	0
hugin-RG left 2	0	0
hugin-VNC right 1	0	0
hugin-VNC right 2	0	0
hugin-VNC left 1	0	0
hugin-VNC left 2	0	0
hugin-PH right 1	0	0
hugin-PH right 2	0	0
hugin-PH left 1	0	0
hugin-PH left 2	0	0

25.

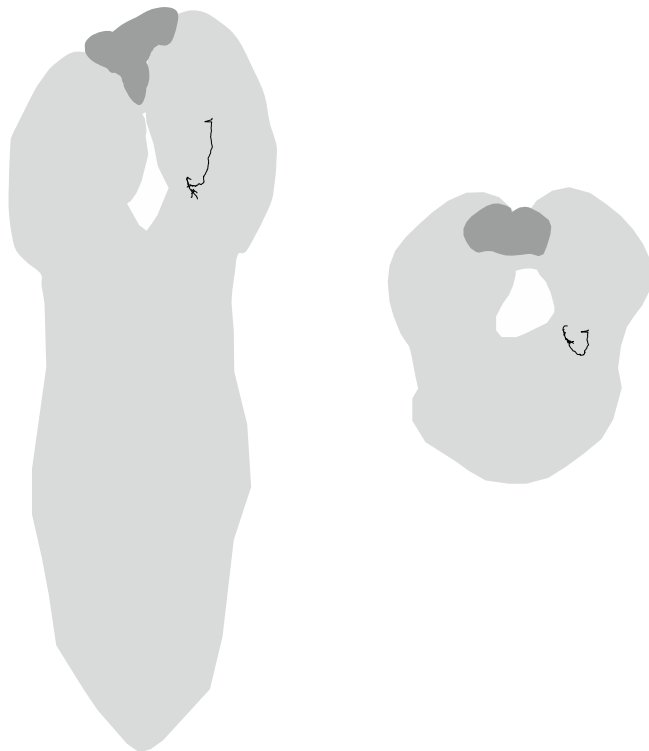


synapses to

synapses from

hugin-PC right 1	0	0
hugin-PC right 2	0	0
hugin-PC right 3	1	0
hugin-PC right 4	0	0
hugin-PC left 1	0	0
hugin-PC left 2	0	0
hugin-PC left 3	0	0
hugin-PC left 4	0	0
hugin-RG right 1	0	0
hugin-RG right 2	0	0
hugin-RG left 1	0	0
hugin-RG left 2	0	0
hugin-VNC right 1	0	0
hugin-VNC right 2	0	0
hugin-VNC left 1	0	0
hugin-VNC left 2	1	0
hugin-PH right 1	0	0
hugin-PH right 2	0	0
hugin-PH left 1	0	0
hugin-PH left 2	0	0

26.

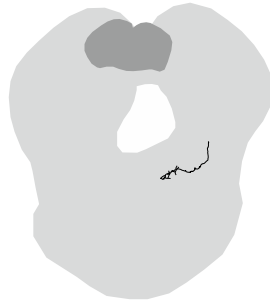
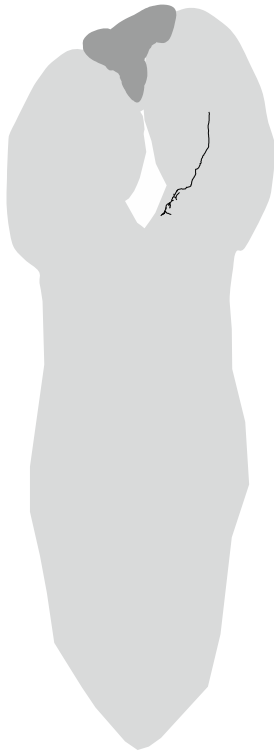


synapses to

synapses from

hugin-PC right 1	0	0
hugin-PC right 2	0	0
hugin-PC right 3	6	0
hugin-PC right 4	0	0
hugin-PC left 1	0	0
hugin-PC left 2	0	0
hugin-PC left 3	0	0
hugin-PC left 4	0	0
hugin-RG right 1	0	0
hugin-RG right 2	0	0
hugin-RG left 1	0	0
hugin-RG left 2	0	0
hugin-VNC right 1	0	0
hugin-VNC right 2	0	0
hugin-VNC left 1	0	0
hugin-VNC left 2	0	0
hugin-PH right 1	0	0
hugin-PH right 2	0	0
hugin-PH left 1	0	0
hugin-PH left 2	0	0

27.

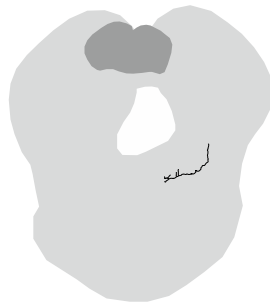


synapses to

synapses from

hugin-PC right 1	3	0
hugin-PC right 2	2	0
hugin-PC right 3	1	0
hugin-PC right 4	0	0
hugin-PC left 1	0	0
hugin-PC left 2	0	0
hugin-PC left 3	0	0
hugin-PC left 4	0	0
hugin-RG right 1	0	0
hugin-RG right 2	0	0
hugin-RG left 1	0	0
hugin-RG left 2	0	0
hugin-VNC right 1	0	0
hugin-VNC right 2	0	0
hugin-VNC left 1	0	0
hugin-VNC left 2	0	0
hugin-PH right 1	0	0
hugin-PH right 2	0	0
hugin-PH left 1	0	0
hugin-PH left 2	0	0

28.

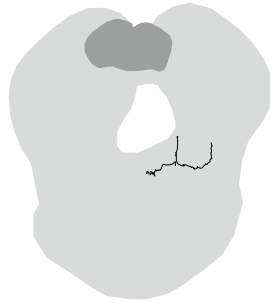


synapses to

synapses from

hugin-PC right 1	1	0
hugin-PC right 2	1	0
hugin-PC right 3	0	0
hugin-PC right 4	0	0
hugin-PC left 1	0	0
hugin-PC left 2	0	0
hugin-PC left 3	0	0
hugin-PC left 4	0	0
hugin-RG right 1	0	0
hugin-RG right 2	0	0
hugin-RG left 1	0	0
hugin-RG left 2	0	0
hugin-VNC right 1	0	0
hugin-VNC right 2	0	0
hugin-VNC left 1	0	0
hugin-VNC left 2	0	0
hugin-PH right 1	0	0
hugin-PH right 2	0	0
hugin-PH left 1	0	0
hugin-PH left 2	0	0

29.



synapses to

synapses from

hugin-PC right 1	1	1
hugin-PC right 2	5	0
hugin-PC right 3	0	0
hugin-PC right 4	2	0
hugin-PC left 1	0	0
hugin-PC left 2	0	0
hugin-PC left 3	0	0
hugin-PC left 4	0	0
hugin-RG right 1	0	0
hugin-RG right 2	0	0
hugin-RG left 1	0	0
hugin-RG left 2	0	0
hugin-VNC right 1	0	0
hugin-VNC right 2	0	0
hugin-VNC left 1	0	0
hugin-VNC left 2	0	0
hugin-PH right 1	0	0
hugin-PH right 2	0	0
hugin-PH left 1	0	0
hugin-PH left 2	0	0

30.

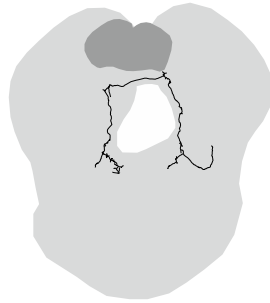
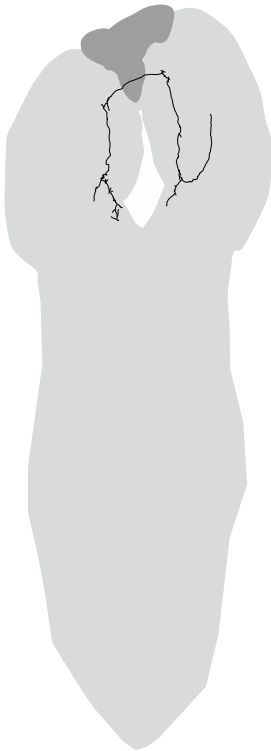


synapses to

synapses from

hugin-PC right 1	0	0
hugin-PC right 2	0	0
hugin-PC right 3	0	0
hugin-PC right 4	0	0
hugin-PC left 1	3	0
hugin-PC left 2	0	0
hugin-PC left 3	0	0
hugin-PC left 4	0	0
hugin-RG right 1	0	0
hugin-RG right 2	0	0
hugin-RG left 1	0	0
hugin-RG left 2	0	0
hugin-VNC right 1	0	0
hugin-VNC right 2	0	0
hugin-VNC left 1	0	0
hugin-VNC left 2	0	0
hugin-PH right 1	0	0
hugin-PH right 2	0	0
hugin-PH left 1	0	0
hugin-PH left 2	0	0

31.

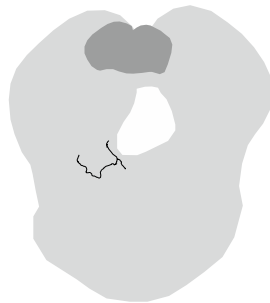
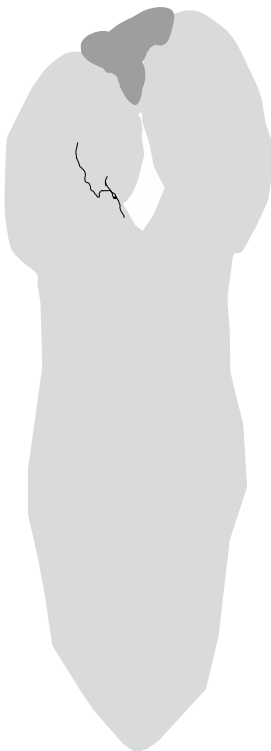


synapses to

synapses from

hugin-PC right 1	1	0
hugin-PC right 2	1	0
hugin-PC right 3	4	0
hugin-PC right 4	1	0
hugin-PC left 1	0	0
hugin-PC left 2	1	0
hugin-PC left 3	0	1
hugin-PC left 4	2	0
hugin-RG right 1	0	0
hugin-RG right 2	0	0
hugin-RG left 1	0	0
hugin-RG left 2	0	0
hugin-VNC right 1	0	0
hugin-VNC right 2	0	0
hugin-VNC left 1	0	0
hugin-VNC left 2	0	0
hugin-PH right 1	0	0
hugin-PH right 2	0	0
hugin-PH left 1	0	0
hugin-PH left 2	0	0

32.

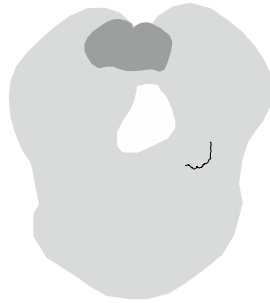


synapses to

synapses from

hugin-PC right 1	0	0
hugin-PC right 2	0	0
hugin-PC right 3	0	0
hugin-PC right 4	0	0
hugin-PC left 1	0	0
hugin-PC left 2	0	0
hugin-PC left 3	0	0
hugin-PC left 4	0	0
hugin-RG right 1	0	0
hugin-RG right 2	0	0
hugin-RG left 1	0	0
hugin-RG left 2	0	0
hugin-VNC right 1	0	0
hugin-VNC right 2	2	0
hugin-VNC left 1	0	0
hugin-VNC left 2	0	0
hugin-PH right 1	0	0
hugin-PH right 2	0	0
hugin-PH left 1	0	0
hugin-PH left 2	0	0

33.

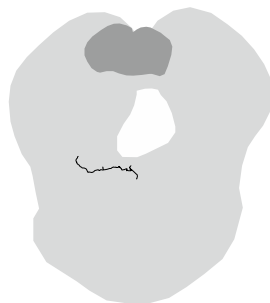


synapses to

synapses from

hugin-PC right 1	0	0
hugin-PC right 2	2	0
hugin-PC right 3	0	0
hugin-PC right 4	0	0
hugin-PC left 1	0	0
hugin-PC left 2	0	0
hugin-PC left 3	0	0
hugin-PC left 4	0	0
hugin-RG right 1	0	0
hugin-RG right 2	0	0
hugin-RG left 1	0	0
hugin-RG left 2	0	0
hugin-VNC right 1	0	0
hugin-VNC right 2	0	0
hugin-VNC left 1	0	0
hugin-VNC left 2	0	0
hugin-PH right 1	0	0
hugin-PH right 2	0	0
hugin-PH left 1	0	0
hugin-PH left 2	0	0

34.

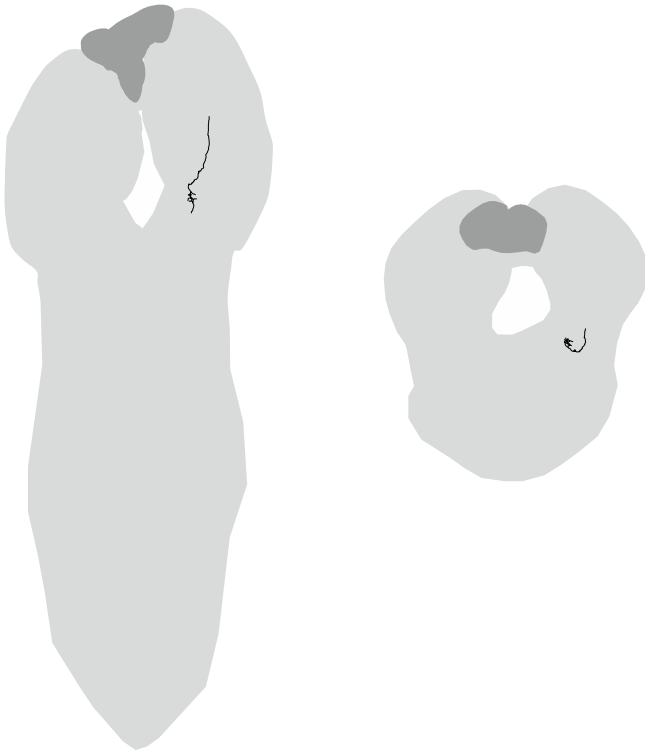


synapses to

synapses from

hugin-PC right 1	0	0
hugin-PC right 2	0	0
hugin-PC right 3	0	0
hugin-PC right 4	0	0
hugin-PC left 1	0	0
hugin-PC left 2	0	0
hugin-PC left 3	0	0
hugin-PC left 4	0	1
hugin-RG right 1	0	0
hugin-RG right 2	0	0
hugin-RG left 1	0	0
hugin-RG left 2	0	0
hugin-VNC right 1	2	0
hugin-VNC right 2	0	0
hugin-VNC left 1	1	0
hugin-VNC left 2	0	0
hugin-PH right 1	0	0
hugin-PH right 2	0	0
hugin-PH left 1	0	0
hugin-PH left 2	0	0

35.

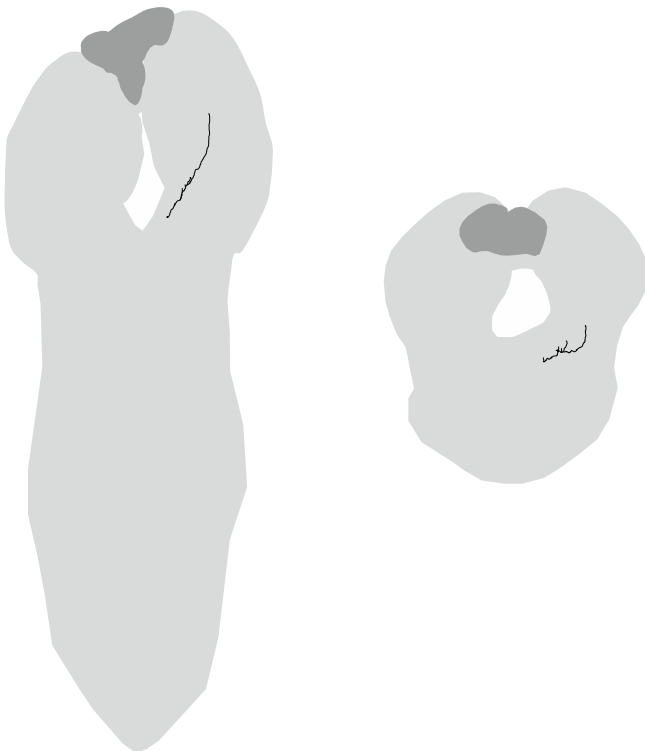


synapses to

synapses from

hugin-PC right 1	0	0
hugin-PC right 2	0	0
hugin-PC right 3	2	0
hugin-PC right 4	0	0
hugin-PC left 1	0	0
hugin-PC left 2	0	0
hugin-PC left 3	0	0
hugin-PC left 4	0	0
hugin-RG right 1	0	0
hugin-RG right 2	0	0
hugin-RG left 1	0	0
hugin-RG left 2	0	0
hugin-VNC right 1	0	0
hugin-VNC right 2	0	0
hugin-VNC left 1	0	0
hugin-VNC left 2	0	0
hugin-PH right 1	0	0
hugin-PH right 2	0	0
hugin-PH left 1	0	0
hugin-PH left 2	0	0

36.

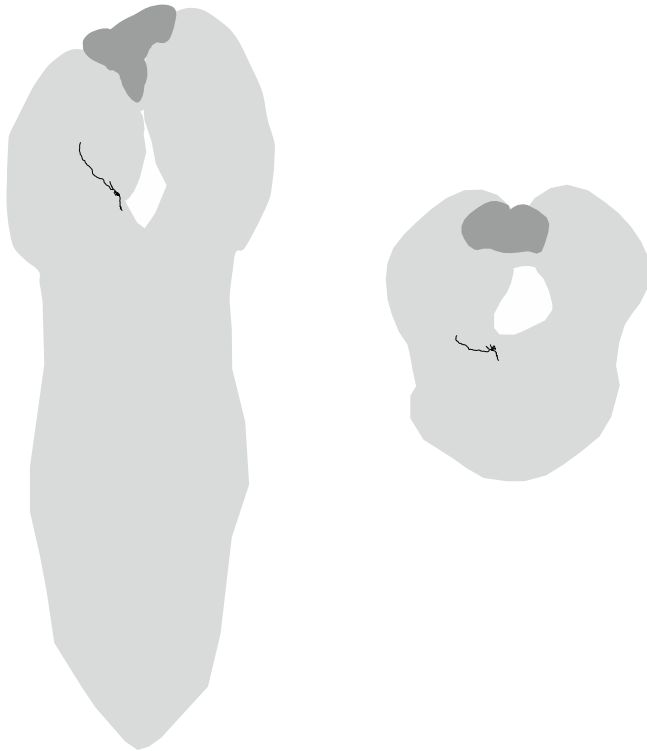


synapses to

synapses from

hugin-PC right 1	0	0
hugin-PC right 2	3	0
hugin-PC right 3	0	0
hugin-PC right 4	0	0
hugin-PC left 1	0	0
hugin-PC left 2	0	0
hugin-PC left 3	0	0
hugin-PC left 4	0	0
hugin-RG right 1	0	0
hugin-RG right 2	0	0
hugin-RG left 1	0	0
hugin-RG left 2	0	0
hugin-VNC right 1	0	0
hugin-VNC right 2	0	0
hugin-VNC left 1	0	0
hugin-VNC left 2	0	0
hugin-PH right 1	0	0
hugin-PH right 2	0	0
hugin-PH left 1	0	0
hugin-PH left 2	0	0

37.

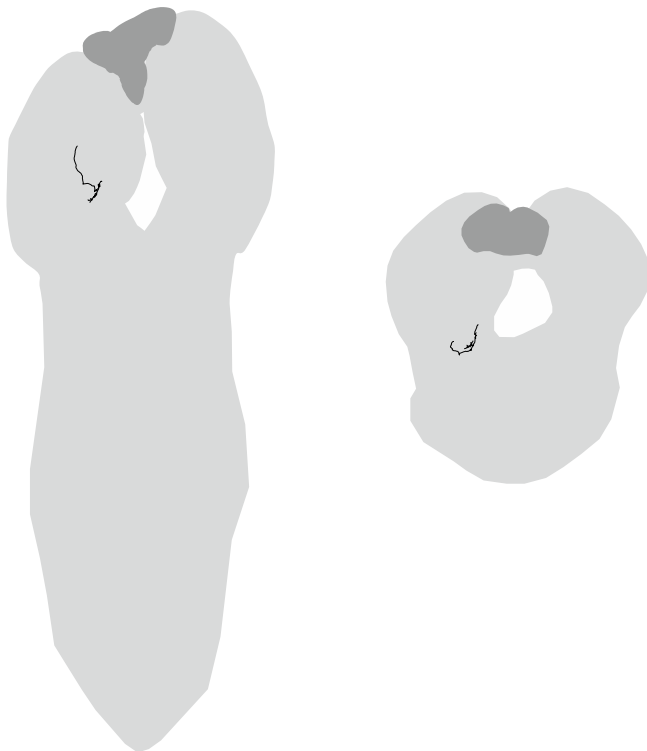


synapses to

synapses from

hugin-PC right 1	0	0
hugin-PC right 2	0	0
hugin-PC right 3	0	0
hugin-PC right 4	0	0
hugin-PC left 1	0	0
hugin-PC left 2	1	0
hugin-PC left 3	2	0
hugin-PC left 4	1	0
hugin-RG right 1	0	0
hugin-RG right 2	0	0
hugin-RG left 1	0	0
hugin-RG left 2	0	0
hugin-VNC right 1	0	0
hugin-VNC right 2	0	0
hugin-VNC left 1	0	0
hugin-VNC left 2	0	0
hugin-PH right 1	0	0
hugin-PH right 2	0	0
hugin-PH left 1	0	0
hugin-PH left 2	0	0

38.

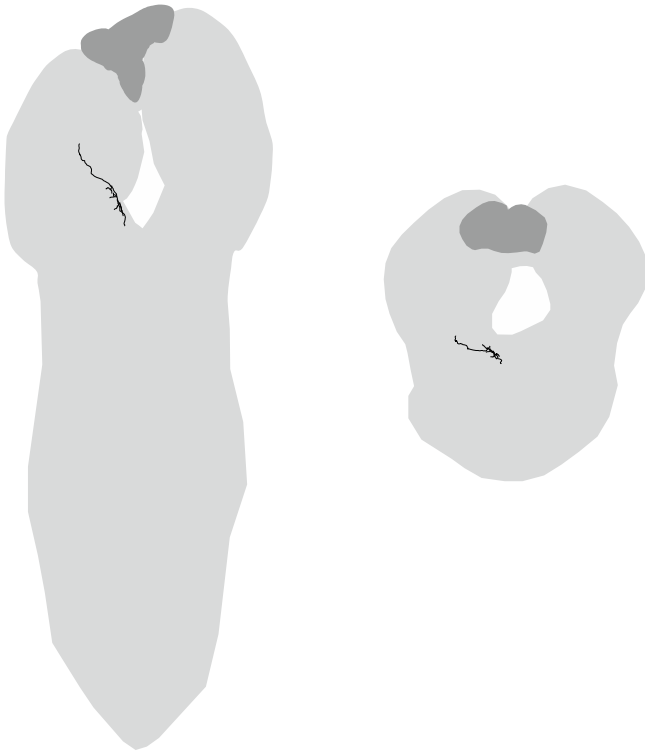


synapses to

synapses from

hugin-PC right 1	0	0
hugin-PC right 2	0	0
hugin-PC right 3	0	0
hugin-PC right 4	0	0
hugin-PC left 1	2	0
hugin-PC left 2	0	0
hugin-PC left 3	0	0
hugin-PC left 4	0	0
hugin-RG right 1	0	0
hugin-RG right 2	0	0
hugin-RG left 1	0	0
hugin-RG left 2	0	0
hugin-VNC right 1	0	0
hugin-VNC right 2	0	0
hugin-VNC left 1	0	0
hugin-VNC left 2	0	0
hugin-PH right 1	0	0
hugin-PH right 2	0	0
hugin-PH left 1	0	0
hugin-PH left 2	0	0

39.

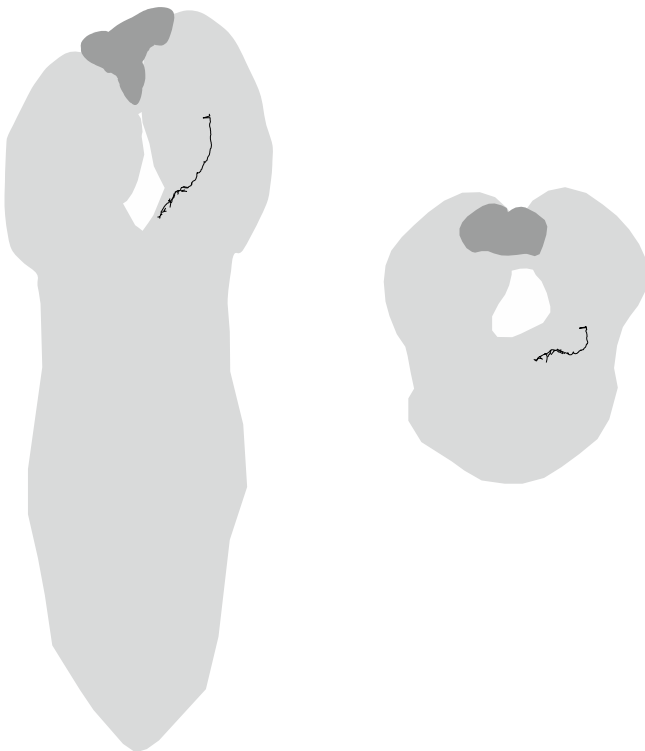


synapses to

synapses from

hugin-PC right 1	0	0
hugin-PC right 2	0	0
hugin-PC right 3	0	0
hugin-PC right 4	0	0
hugin-PC left 1	3	0
hugin-PC left 2	1	0
hugin-PC left 3	2	0
hugin-PC left 4	0	0
hugin-RG right 1	0	0
hugin-RG right 2	0	0
hugin-RG left 1	0	0
hugin-RG left 2	0	0
hugin-VNC right 1	0	0
hugin-VNC right 2	1	0
hugin-VNC left 1	0	0
hugin-VNC left 2	0	0
hugin-PH right 1	0	0
hugin-PH right 2	0	0
hugin-PH left 1	0	0
hugin-PH left 2	0	0

40.

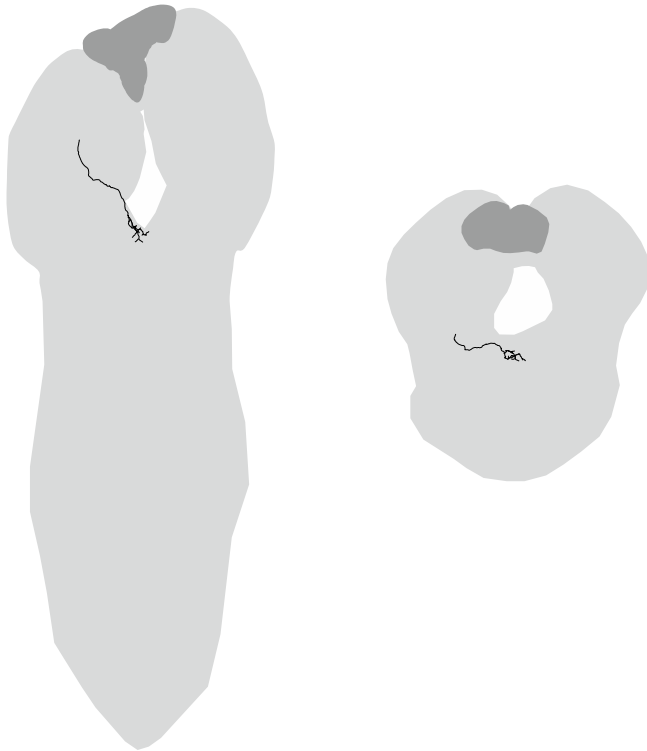


synapses to

synapses from

hugin-PC right 1	2	2
hugin-PC right 2	0	0
hugin-PC right 3	0	0
hugin-PC right 4	0	0
hugin-PC left 1	0	0
hugin-PC left 2	0	0
hugin-PC left 3	0	0
hugin-PC left 4	0	0
hugin-RG right 1	0	0
hugin-RG right 2	0	0
hugin-RG left 1	0	0
hugin-RG left 2	0	0
hugin-VNC right 1	0	0
hugin-VNC right 2	0	0
hugin-VNC left 1	0	0
hugin-VNC left 2	0	0
hugin-PH right 1	0	0
hugin-PH right 2	0	0
hugin-PH left 1	0	0
hugin-PH left 2	0	0

41.

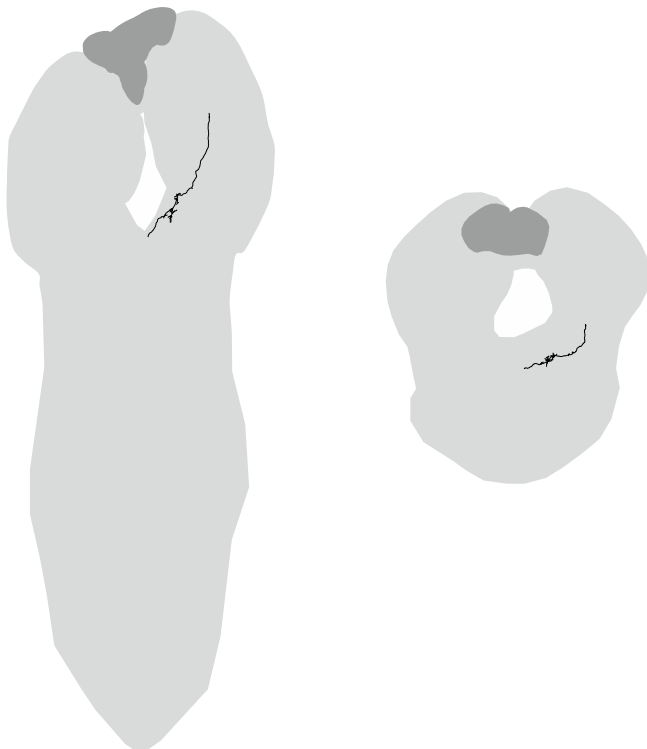


synapses to

synapses from

hugin-PC right 1	0	0
hugin-PC right 2	0	0
hugin-PC right 3	0	0
hugin-PC right 4	0	0
hugin-PC left 1	0	0
hugin-PC left 2	0	0
hugin-PC left 3	1	0
hugin-PC left 4	0	0
hugin-RG right 1	0	0
hugin-RG right 2	0	0
hugin-RG left 1	0	0
hugin-RG left 2	0	0
hugin-VNC right 1	2	0
hugin-VNC right 2	0	0
hugin-VNC left 1	2	0
hugin-VNC left 2	0	0
hugin-PH right 1	0	0
hugin-PH right 2	0	0
hugin-PH left 1	0	0
hugin-PH left 2	0	0

42.

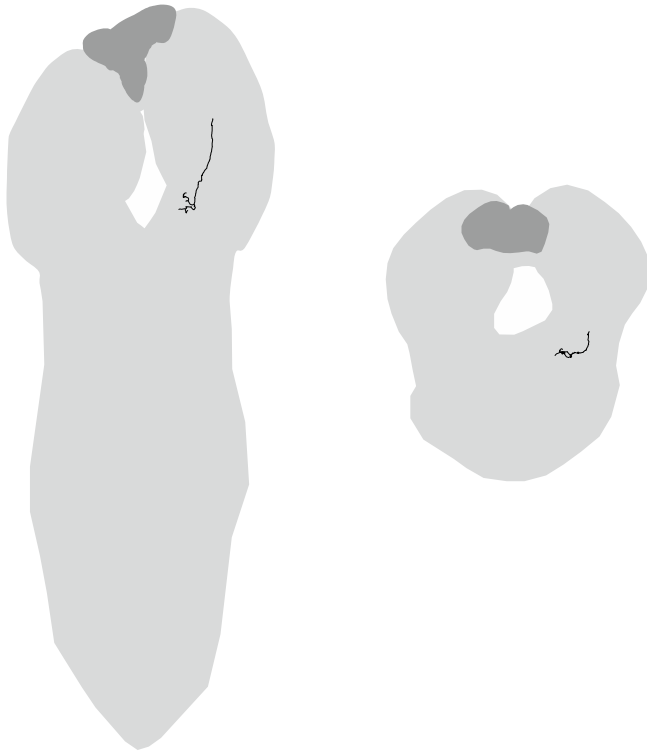


synapses to

synapses from

hugin-PC right 1	0	0
hugin-PC right 2	1	0
hugin-PC right 3	1	0
hugin-PC right 4	1	0
hugin-PC left 1	0	0
hugin-PC left 2	0	0
hugin-PC left 3	0	0
hugin-PC left 4	0	0
hugin-RG right 1	0	0
hugin-RG right 2	0	0
hugin-RG left 1	0	0
hugin-RG left 2	0	0
hugin-VNC right 1	0	0
hugin-VNC right 2	0	0
hugin-VNC left 1	0	0
hugin-VNC left 2	0	0
hugin-PH right 1	0	0
hugin-PH right 2	0	0
hugin-PH left 1	0	0
hugin-PH left 2	0	0

43.

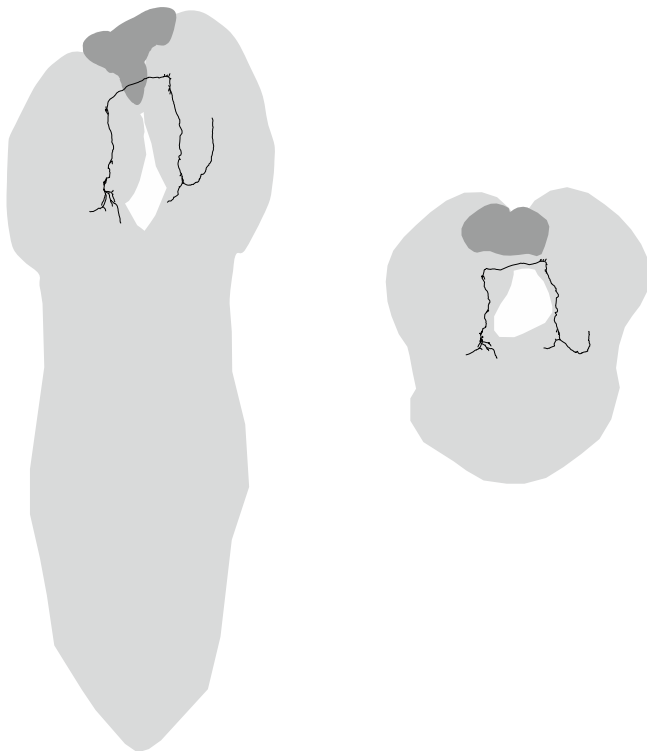


synapses to

synapses from

hugin-PC right 1	0	0
hugin-PC right 2	0	0
hugin-PC right 3	0	0
hugin-PC right 4	3	0
hugin-PC left 1	0	0
hugin-PC left 2	0	0
hugin-PC left 3	0	0
hugin-PC left 4	0	0
hugin-RG right 1	0	0
hugin-RG right 2	0	0
hugin-RG left 1	0	0
hugin-RG left 2	0	0
hugin-VNC right 1	0	0
hugin-VNC right 2	0	0
hugin-VNC left 1	0	0
hugin-VNC left 2	0	0
hugin-PH right 1	0	0
hugin-PH right 2	0	0
hugin-PH left 1	0	0
hugin-PH left 2	0	0

44.

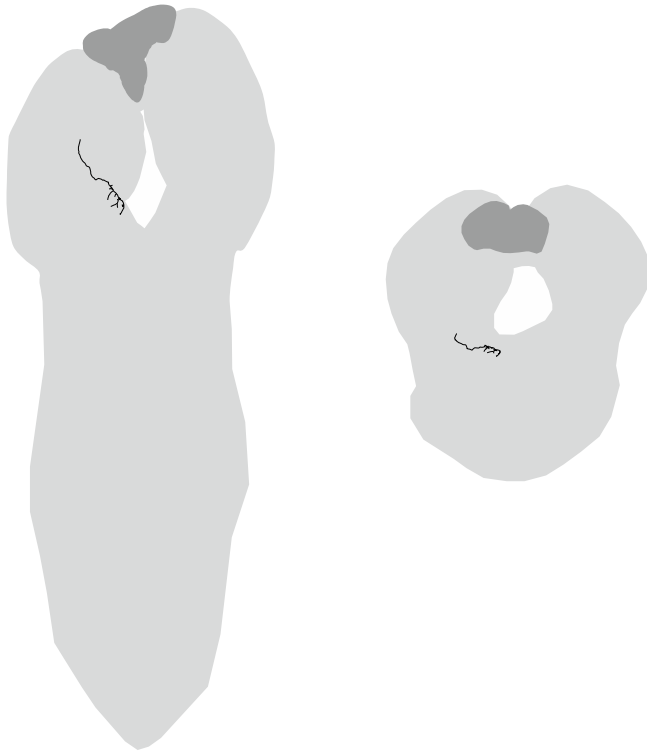


synapses to

synapses from

hugin-PC right 1	1	1
hugin-PC right 2	1	0
hugin-PC right 3	1	0
hugin-PC right 4	1	0
hugin-PC left 1	0	0
hugin-PC left 2	1	0
hugin-PC left 3	1	0
hugin-PC left 4	0	0
hugin-RG right 1	0	0
hugin-RG right 2	0	0
hugin-RG left 1	0	0
hugin-RG left 2	0	0
hugin-VNC right 1	0	0
hugin-VNC right 2	0	0
hugin-VNC left 1	0	0
hugin-VNC left 2	0	0
hugin-PH right 1	0	0
hugin-PH right 2	0	0
hugin-PH left 1	0	0
hugin-PH left 2	0	0

45.

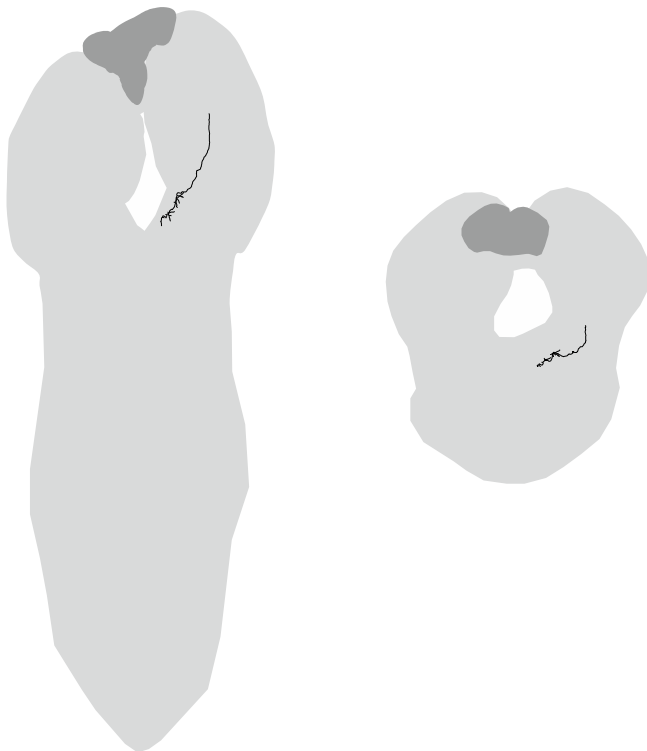


synapses to

synapses from

hugin-PC right 1	0	0
hugin-PC right 2	0	0
hugin-PC right 3	0	0
hugin-PC right 4	0	0
hugin-PC left 1	0	0
hugin-PC left 2	0	0
hugin-PC left 3	0	0
hugin-PC left 4	2	0
hugin-RG right 1	0	0
hugin-RG right 2	0	0
hugin-RG left 1	0	0
hugin-RG left 2	0	0
hugin-VNC right 1	0	0
hugin-VNC right 2	0	0
hugin-VNC left 1	0	0
hugin-VNC left 2	0	0
hugin-PH right 1	0	0
hugin-PH right 2	0	0
hugin-PH left 1	0	0
hugin-PH left 2	0	0

46.



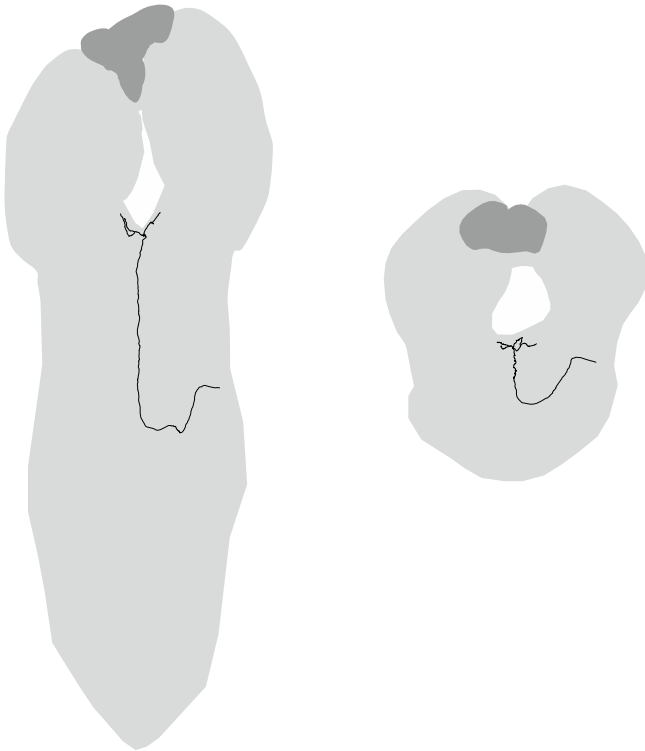
synapses to

synapses from

hugin-PC right 1	3	0
hugin-PC right 2	0	0
hugin-PC right 3	0	0
hugin-PC right 4	0	0
hugin-PC left 1	0	0
hugin-PC left 2	0	0
hugin-PC left 3	0	0
hugin-PC left 4	0	0
hugin-RG right 1	0	0
hugin-RG right 2	0	0
hugin-RG left 1	0	0
hugin-RG left 2	0	0
hugin-VNC right 1	0	0
hugin-VNC right 2	0	0
hugin-VNC left 1	0	0
hugin-VNC left 2	0	0
hugin-PH right 1	0	0
hugin-PH right 2	0	0
hugin-PH left 1	0	0
hugin-PH left 2	0	0

I AbdN sensory neurons

1.

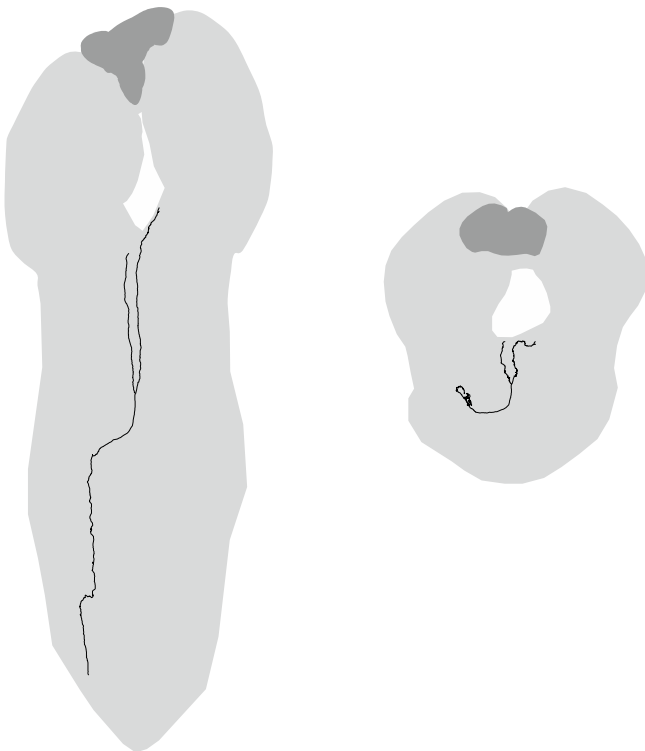


synapses to

synapses from

hugin-PC right 1	0	0
hugin-PC right 2	0	0
hugin-PC right 3	0	0
hugin-PC right 4	0	0
hugin-PC left 1	0	0
hugin-PC left 2	0	0
hugin-PC left 3	0	0
hugin-PC left 4	0	0
hugin-RG right 1	0	0
hugin-RG right 2	0	0
hugin-RG left 1	0	0
hugin-RG left 2	0	0
hugin-VNC right 1	2	0
hugin-VNC right 2	0	0
hugin-VNC left 1	1	0
hugin-VNC left 2	1	0
hugin-PH right 1	0	0
hugin-PH right 2	0	0
hugin-PH left 1	0	0
hugin-PH left 2	0	0

2.

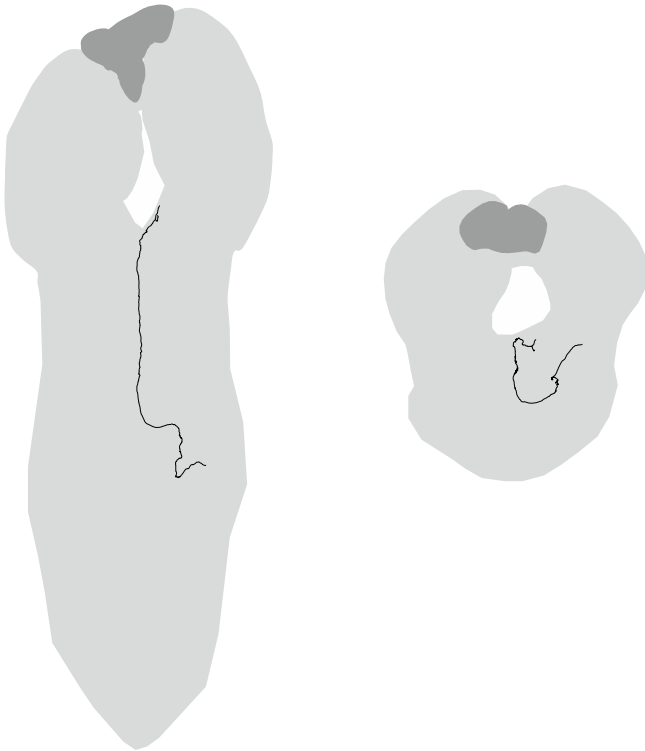


synapses to

synapses from

hugin-PC right 1	0	0
hugin-PC right 2	0	0
hugin-PC right 3	0	0
hugin-PC right 4	0	0
hugin-PC left 1	0	0
hugin-PC left 2	0	0
hugin-PC left 3	0	0
hugin-PC left 4	0	0
hugin-RG right 1	0	0
hugin-RG right 2	0	0
hugin-RG left 1	0	0
hugin-RG left 2	0	0
hugin-VNC right 1	1	0
hugin-VNC right 2	0	0
hugin-VNC left 1	1	0
hugin-VNC left 2	2	0
hugin-PH right 1	0	0
hugin-PH right 2	0	0
hugin-PH left 1	0	0
hugin-PH left 2	0	0

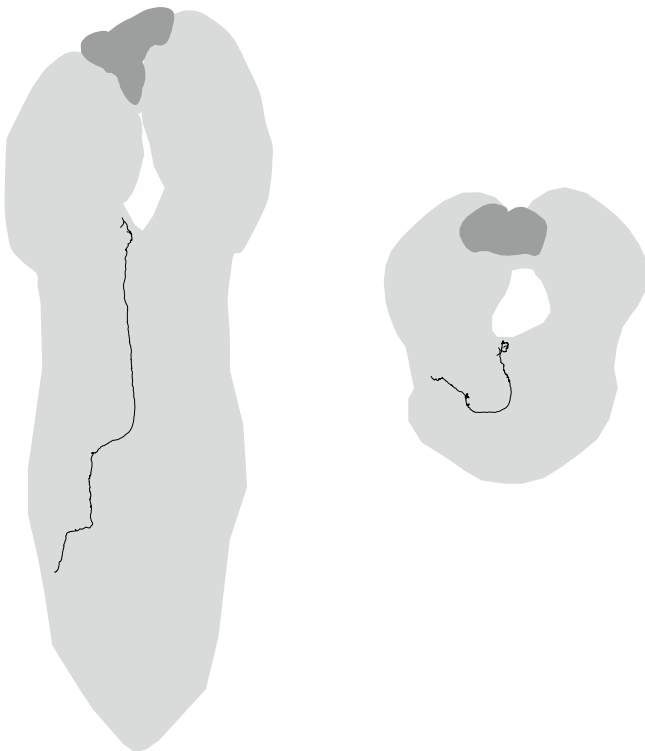
3.



synapses to synapses from

hugin-PC right 1	0	0
hugin-PC right 2	0	0
hugin-PC right 3	0	0
hugin-PC right 4	0	0
hugin-PC left 1	0	0
hugin-PC left 2	0	0
hugin-PC left 3	0	0
hugin-PC left 4	0	0
hugin-RG right 1	0	0
hugin-RG right 2	0	0
hugin-RG left 1	0	0
hugin-RG left 2	0	0
hugin-VNC right 1	2	0
hugin-VNC right 2	0	0
hugin-VNC left 1	2	0
hugin-VNC left 2	3	0
hugin-PH right 1	0	0
hugin-PH right 2	0	0
hugin-PH left 1	0	0
hugin-PH left 2	0	0

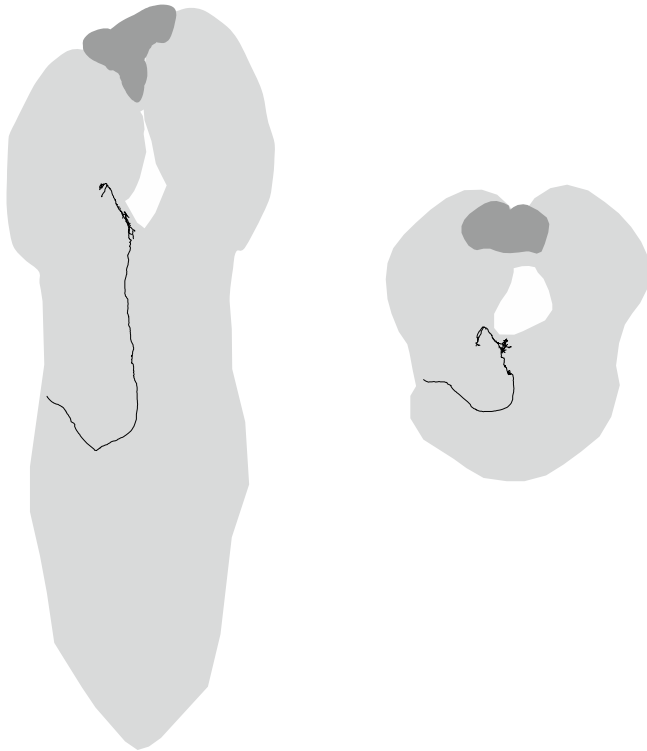
4.



synapses to synapses from

hugin-PC right 1	0	0
hugin-PC right 2	0	0
hugin-PC right 3	0	0
hugin-PC right 4	0	0
hugin-PC left 1	0	0
hugin-PC left 2	0	0
hugin-PC left 3	0	0
hugin-PC left 4	1	0
hugin-RG right 1	0	0
hugin-RG right 2	0	0
hugin-RG left 1	0	0
hugin-RG left 2	0	0
hugin-VNC right 1	1	0
hugin-VNC right 2	1	0
hugin-VNC left 1	0	0
hugin-VNC left 2	0	0
hugin-PH right 1	0	0
hugin-PH right 2	0	0
hugin-PH left 1	0	0
hugin-PH left 2	0	0

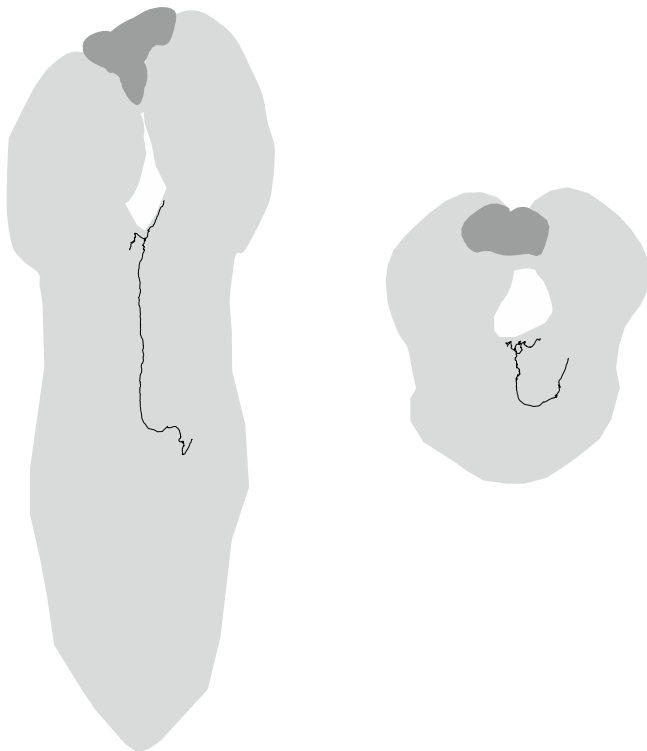
5.



synapses to synapses from

hugin-PC right 1	0	0
hugin-PC right 2	0	0
hugin-PC right 3	0	0
hugin-PC right 4	0	0
hugin-PC left 1	0	0
hugin-PC left 2	0	0
hugin-PC left 3	1	0
hugin-PC left 4	0	0
hugin-RG right 1	0	0
hugin-RG right 2	0	0
hugin-RG left 1	0	0
hugin-RG left 2	0	0
hugin-VNC right 1	1	0
hugin-VNC right 2	3	0
hugin-VNC left 1	2	0
hugin-VNC left 2	0	0
hugin-PH right 1	0	0
hugin-PH right 2	0	0
hugin-PH left 1	0	0
hugin-PH left 2	0	0

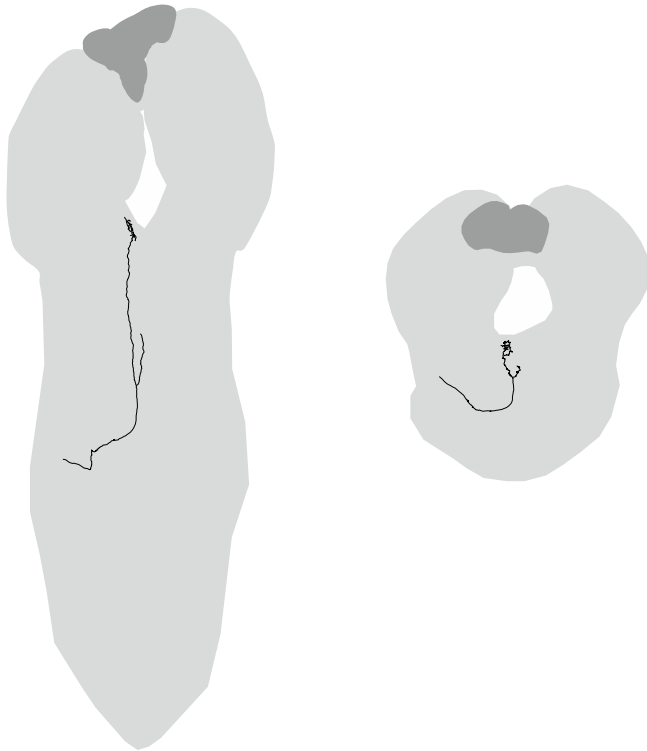
6.



synapses to synapses from

hugin-PC right 1	0	0
hugin-PC right 2	0	0
hugin-PC right 3	0	0
hugin-PC right 4	0	0
hugin-PC left 1	0	0
hugin-PC left 2	0	0
hugin-PC left 3	0	0
hugin-PC left 4	0	0
hugin-RG right 1	0	0
hugin-RG right 2	1	0
hugin-RG left 1	0	0
hugin-RG left 2	0	0
hugin-VNC right 1	6	0
hugin-VNC right 2	0	0
hugin-VNC left 1	0	0
hugin-VNC left 2	0	0
hugin-PH right 1	0	0
hugin-PH right 2	0	0
hugin-PH left 1	0	0
hugin-PH left 2	0	0

7.

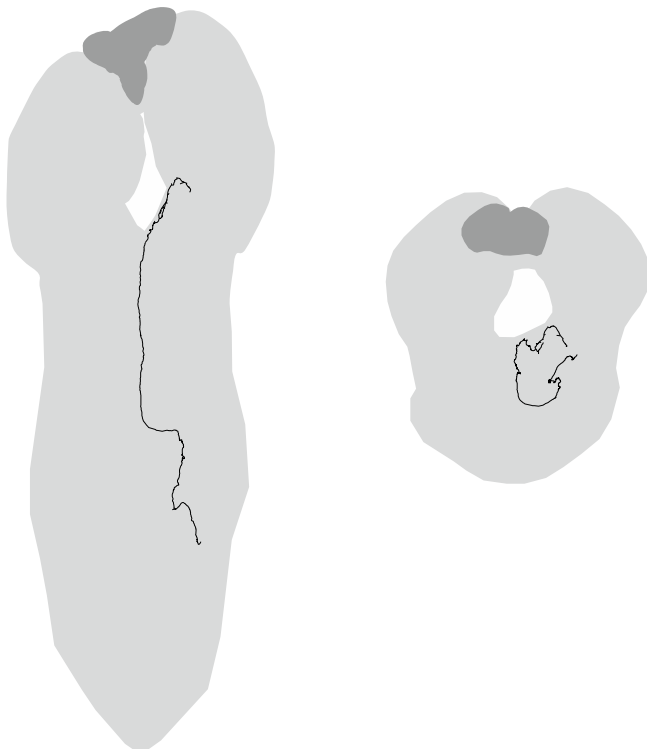


synapses to

synapses from

hugin-PC right 1	0	0
hugin-PC right 2	0	0
hugin-PC right 3	0	0
hugin-PC right 4	0	0
hugin-PC left 1	0	0
hugin-PC left 2	0	0
hugin-PC left 3	0	0
hugin-PC left 4	0	0
hugin-RG right 1	0	0
hugin-RG right 2	0	0
hugin-RG left 1	0	0
hugin-RG left 2	0	0
hugin-VNC right 1	2	0
hugin-VNC right 2	4	0
hugin-VNC left 1	3	0
hugin-VNC left 2	0	0
hugin-PH right 1	0	0
hugin-PH right 2	0	0
hugin-PH left 1	0	0
hugin-PH left 2	0	0

8.

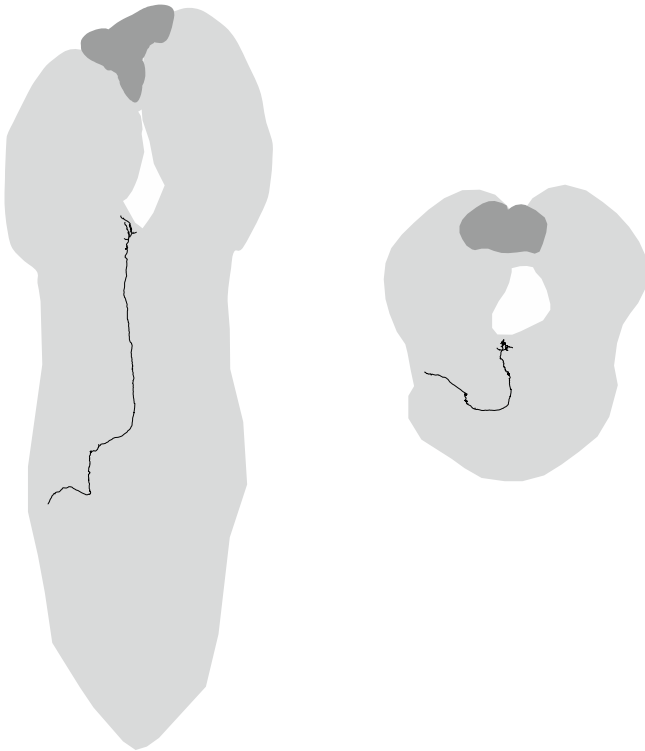


synapses to

synapses from

hugin-PC right 1	0	0
hugin-PC right 2	1	0
hugin-PC right 3	0	0
hugin-PC right 4	0	0
hugin-PC left 1	0	0
hugin-PC left 2	0	0
hugin-PC left 3	0	0
hugin-PC left 4	0	0
hugin-RG right 1	0	0
hugin-RG right 2	0	0
hugin-RG left 1	0	0
hugin-RG left 2	0	0
hugin-VNC right 1	1	0
hugin-VNC right 2	0	0
hugin-VNC left 1	2	0
hugin-VNC left 2	0	0
hugin-PH right 1	0	0
hugin-PH right 2	0	0
hugin-PH left 1	0	0
hugin-PH left 2	0	0

9.

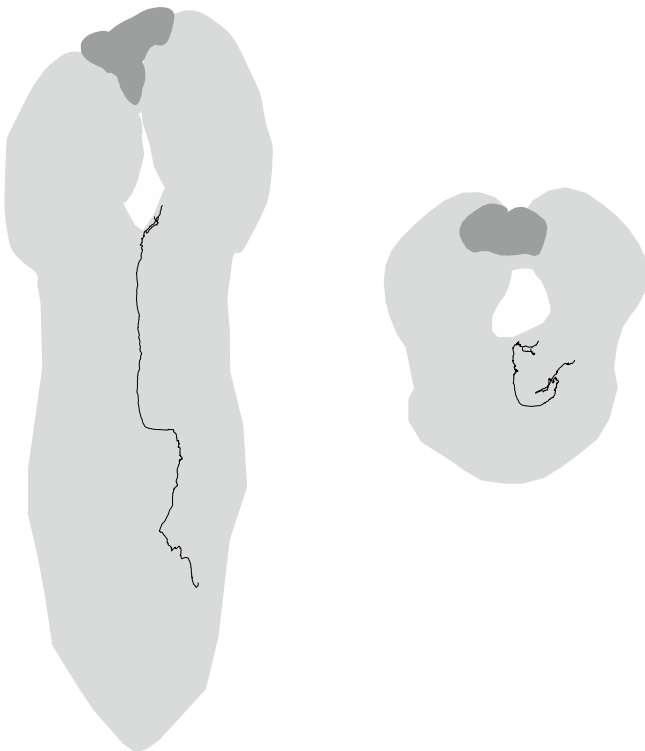


synapses to

synapses from

hugin-PC right 1	0	0
hugin-PC right 2	0	0
hugin-PC right 3	0	0
hugin-PC right 4	0	0
hugin-PC left 1	0	0
hugin-PC left 2	0	0
hugin-PC left 3	0	0
hugin-PC left 4	0	0
hugin-RG right 1	0	0
hugin-RG right 2	0	0
hugin-RG left 1	0	0
hugin-RG left 2	0	0
hugin-VNC right 1	3	0
hugin-VNC right 2	2	0
hugin-VNC left 1	4	0
hugin-VNC left 2	0	0
hugin-PH right 1	0	0
hugin-PH right 2	0	0
hugin-PH left 1	0	0
hugin-PH left 2	0	0

10.

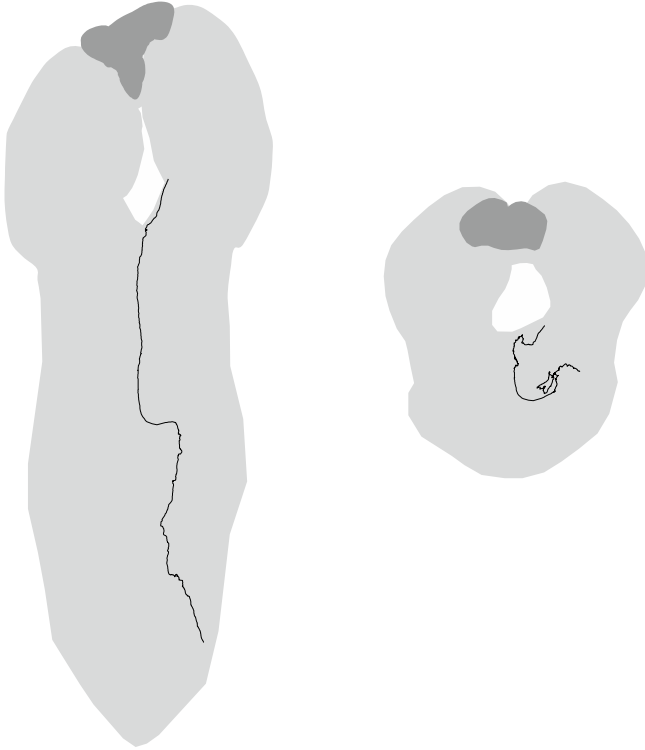


synapses to

synapses from

hugin-PC right 1	0	0
hugin-PC right 2	0	0
hugin-PC right 3	0	0
hugin-PC right 4	0	0
hugin-PC left 1	0	0
hugin-PC left 2	0	0
hugin-PC left 3	0	0
hugin-PC left 4	0	0
hugin-RG right 1	0	0
hugin-RG right 2	0	0
hugin-RG left 1	0	0
hugin-RG left 2	0	0
hugin-VNC right 1	3	0
hugin-VNC right 2	0	0
hugin-VNC left 1	3	0
hugin-VNC left 2	4	0
hugin-PH right 1	0	0
hugin-PH right 2	0	0
hugin-PH left 1	0	0
hugin-PH left 2	0	0

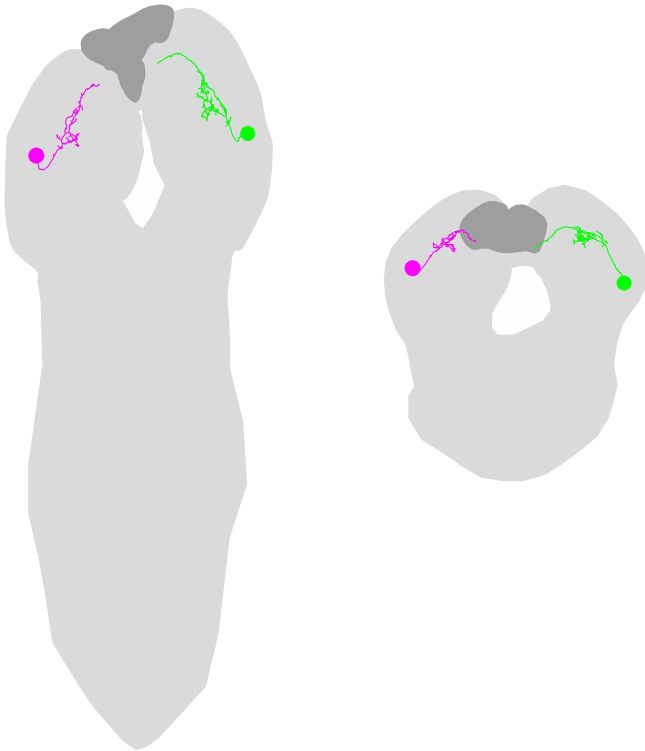
11.



	synapses to	synapses from
hugin-PC right 1	0	0
hugin-PC right 2	0	0
hugin-PC right 3	0	0
hugin-PC right 4	0	0
hugin-PC left 1	0	0
hugin-PC left 2	0	0
hugin-PC left 3	0	0
hugin-PC left 4	0	0
hugin-RG right 1	0	0
hugin-RG right 2	0	0
hugin-RG left 1	0	0
hugin-RG left 2	0	0
hugin-VNC right 1	4	0
hugin-VNC right 2	0	0
hugin-VNC left 1	0	0
hugin-VNC left 2	4	0
hugin-PH right 1	0	0
hugin-PH right 2	0	0
hugin-PH left 1	0	0
hugin-PH left 2	0	0

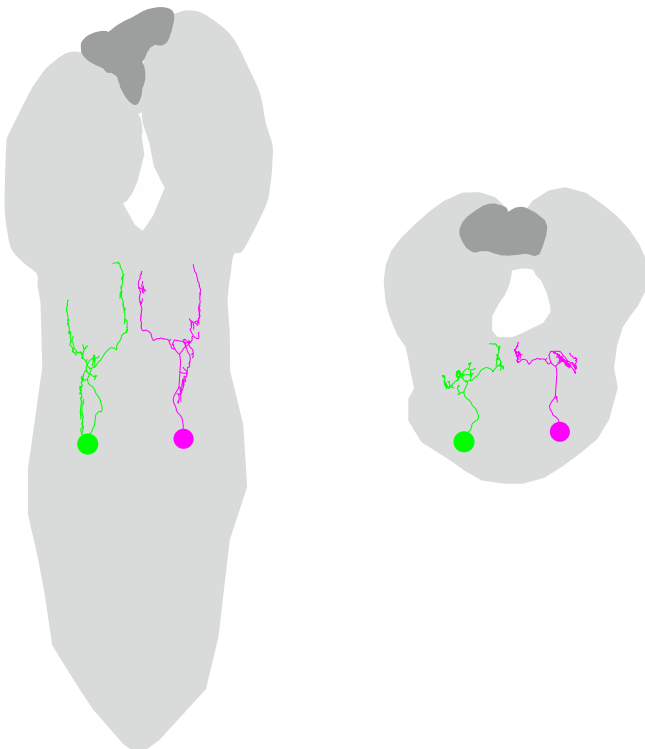
J Interneurons

1.



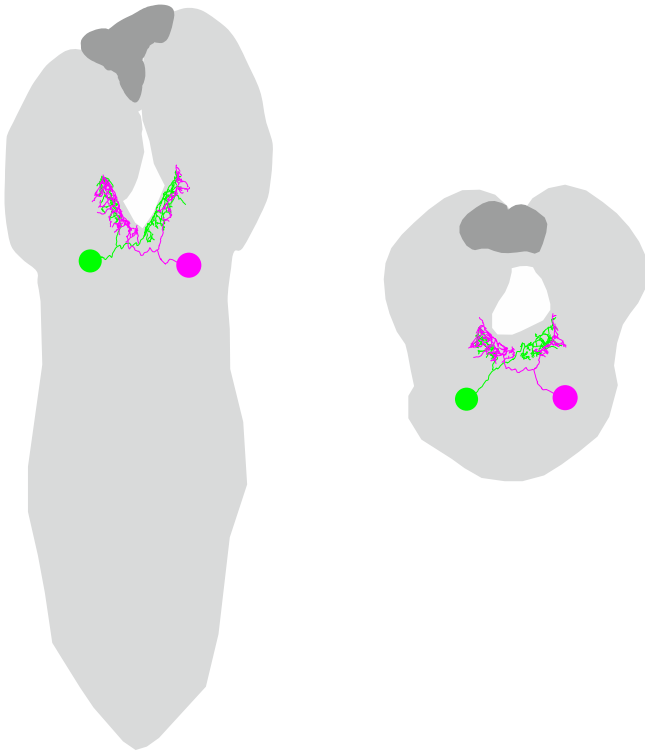
	synapses to		synapses from	
hugin-PC right 1	4	0	0	0
hugin-PC right 2	2	0	0	0
hugin-PC right 3	0	0	0	0
hugin-PC right 4	3	0	1	0
hugin-PC left 1	0	0	0	0
hugin-PC left 2	0	5	0	0
hugin-PC left 3	0	0	0	0
hugin-PC left 4	0	0	0	0
hugin-RG right 1	0	0	0	0
hugin-RG right 2	0	0	0	0
hugin-RG left 1	0	0	0	0
hugin-RG left 2	0	0	0	0
hugin-VNC right 1	0	0	0	0
hugin-VNC right 2	0	0	0	0
hugin-VNC left 1	0	0	0	0
hugin-VNC left 2	0	0	0	0
hugin-PH right 1	0	0	0	0
hugin-PH right 2	0	0	0	0
hugin-PH left 1	0	0	0	0
hugin-PH left 2	0	0	0	0

2.



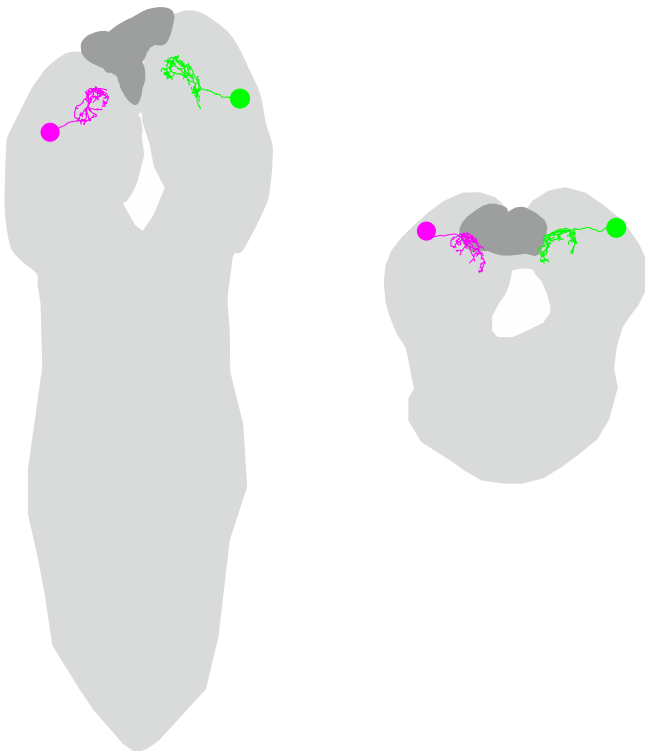
	synapses to		synapses from	
hugin-PC right 1	0	0	0	0
hugin-PC right 2	0	0	0	0
hugin-PC right 3	0	0	0	0
hugin-PC right 4	0	0	0	0
hugin-PC left 1	0	0	0	0
hugin-PC left 2	0	0	0	0
hugin-PC left 3	0	0	0	0
hugin-PC left 4	0	0	0	0
hugin-RG right 1	0	0	0	0
hugin-RG right 2	0	0	0	0
hugin-RG left 1	0	0	0	0
hugin-RG left 2	0	0	0	0
hugin-VNC right 1	0	0	5	0
hugin-VNC right 2	0	0	4	0
hugin-VNC left 1	0	0	0	1
hugin-VNC left 2	0	0	0	3
hugin-PH right 1	0	0	0	0
hugin-PH right 2	0	0	0	0
hugin-PH left 1	0	0	0	0
hugin-PH left 2	0	0	0	0

3.



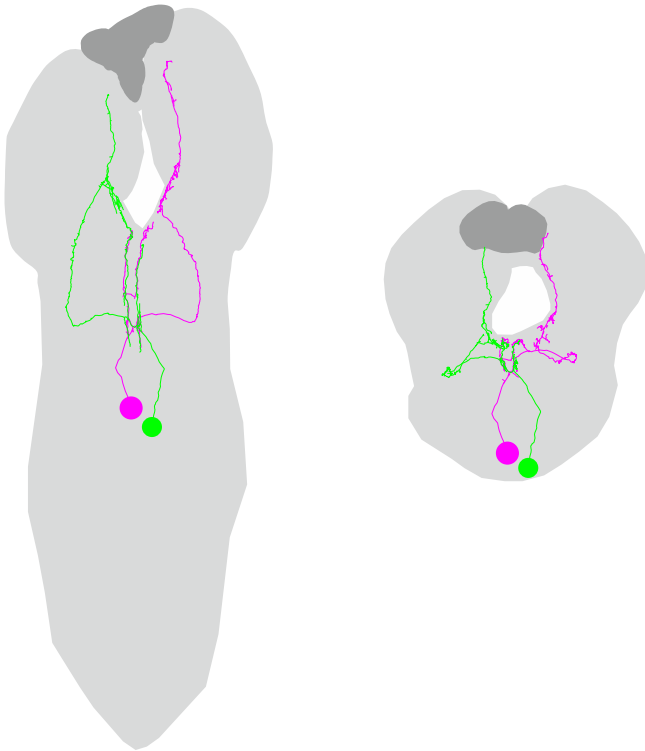
	synapses to		synapses from	
hugin-PC right 1	0	0	0	0
hugin-PC right 2	0	0	1	2
hugin-PC right 3	0	1	0	0
hugin-PC right 4	0	0	1	1
hugin-PC left 1	0	1	2	3
hugin-PC left 2	0	0	1	1
hugin-PC left 3	1	1	3	0
hugin-PC left 4	1	0	1	0
hugin-RG right 1	0	0	0	0
hugin-RG right 2	0	0	0	0
hugin-RG left 1	0	0	0	0
hugin-RG left 2	0	0	0	0
hugin-VNC right 1	0	0	0	0
hugin-VNC right 2	0	0	0	0
hugin-VNC left 1	0	0	0	0
hugin-VNC left 2	0	0	0	0
hugin-PH right 1	0	0	0	0
hugin-PH right 2	0	0	0	0
hugin-PH left 1	0	0	0	0
hugin-PH left 2	0	0	0	0

4.



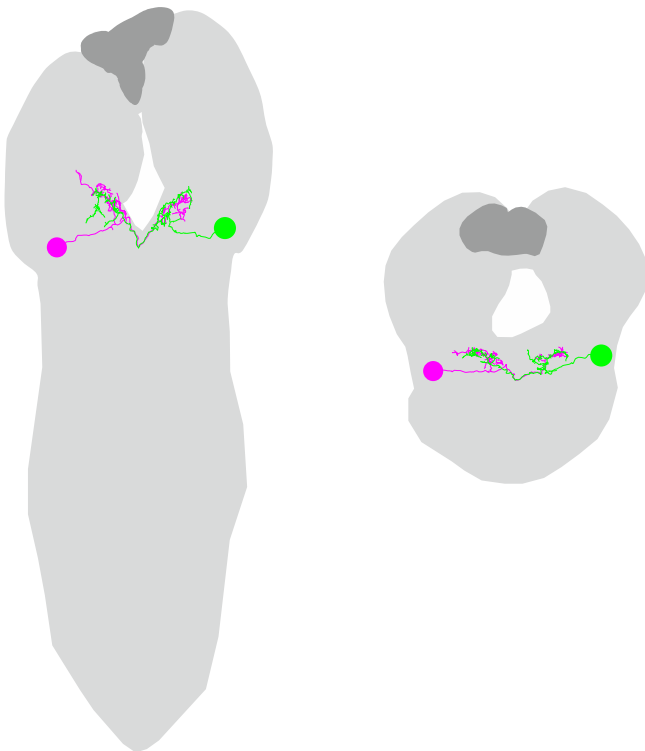
	synapses to		synapses from	
hugin-PC right 1	4	0	2	0
hugin-PC right 2	2	0	0	0
hugin-PC right 3	3	0	0	0
hugin-PC right 4	5	0	0	0
hugin-PC left 1	0	4	0	0
hugin-PC left 2	0	1	0	0
hugin-PC left 3	0	1	0	0
hugin-PC left 4	0	6	0	0
hugin-RG right 1	0	0	0	0
hugin-RG right 2	0	0	0	0
hugin-RG left 1	0	0	0	0
hugin-RG left 2	0	0	0	0
hugin-VNC right 1	0	0	0	0
hugin-VNC right 2	0	0	0	0
hugin-VNC left 1	0	0	0	0
hugin-VNC left 2	0	0	0	0
hugin-PH right 1	0	0	0	0
hugin-PH right 2	0	0	0	0
hugin-PH left 1	0	0	0	0
hugin-PH left 2	0	0	0	0

5.



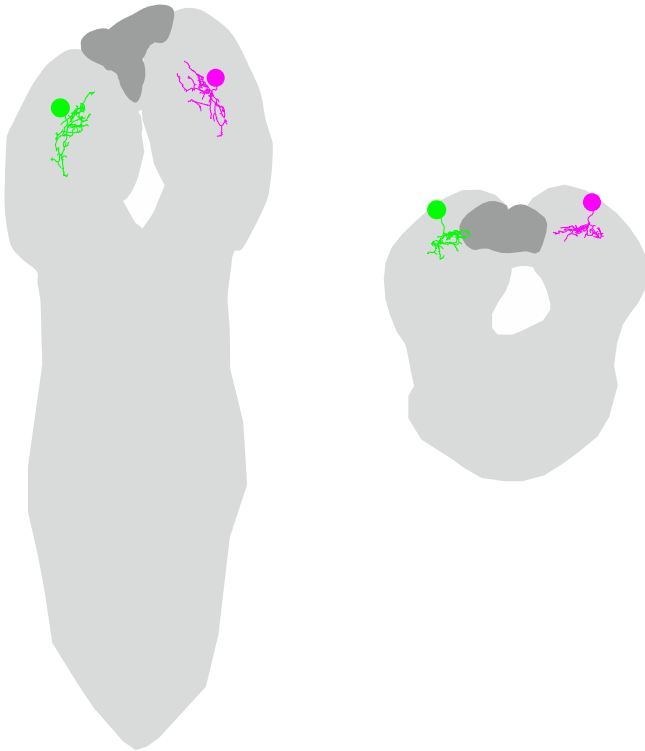
	synapses to		synapses from	
hugin-PC right 1	0	0	0	0
hugin-PC right 2	0	7	0	1
hugin-PC right 3	0	2	0	2
hugin-PC right 4	0	2	0	0
hugin-PC left 1	0	0	0	0
hugin-PC left 2	0	0	0	0
hugin-PC left 3	1	0	0	0
hugin-PC left 4	4	0	0	0
hugin-RG right 1	0	1	0	0
hugin-RG right 2	0	3	0	0
hugin-RG left 1	0	0	0	0
hugin-RG left 2	1	0	0	0
hugin-VNC right 1	0	0	1	0
hugin-VNC right 2	2	0	0	0
hugin-VNC left 1	0	0	0	0
hugin-VNC left 2	0	0	0	0
hugin-PH right 1	0	0	0	0
hugin-PH right 2	0	0	0	0
hugin-PH left 1	0	0	0	0
hugin-PH left 2	0	0	0	0

6.



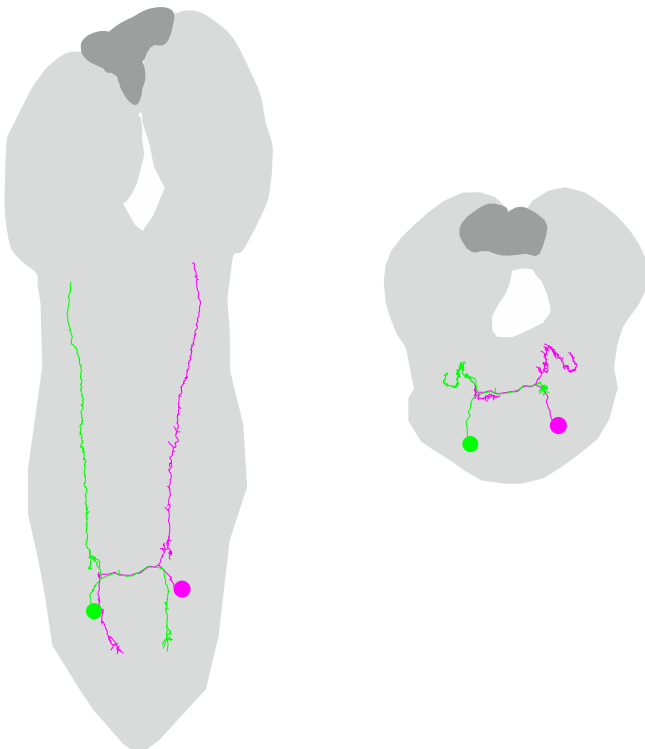
	synapses to		synapses from	
hugin-PC right 1	0	5	2	0
hugin-PC right 2	0	4	0	1
hugin-PC right 3	0	2	0	1
hugin-PC right 4	0	10	1	1
hugin-PC left 1	4	0	0	0
hugin-PC left 2	3	0	0	0
hugin-PC left 3	4	0	1	0
hugin-PC left 4	9	1	2	0
hugin-RG right 1	0	0	0	0
hugin-RG right 2	0	0	0	0
hugin-RG left 1	0	0	0	0
hugin-RG left 2	0	0	0	0
hugin-VNC right 1	0	0	0	0
hugin-VNC right 2	0	0	0	0
hugin-VNC left 1	0	0	0	0
hugin-VNC left 2	0	0	0	0
hugin-PH right 1	0	0	0	0
hugin-PH right 2	0	0	0	0
hugin-PH left 1	0	0	0	0
hugin-PH left 2	0	0	0	0

7.



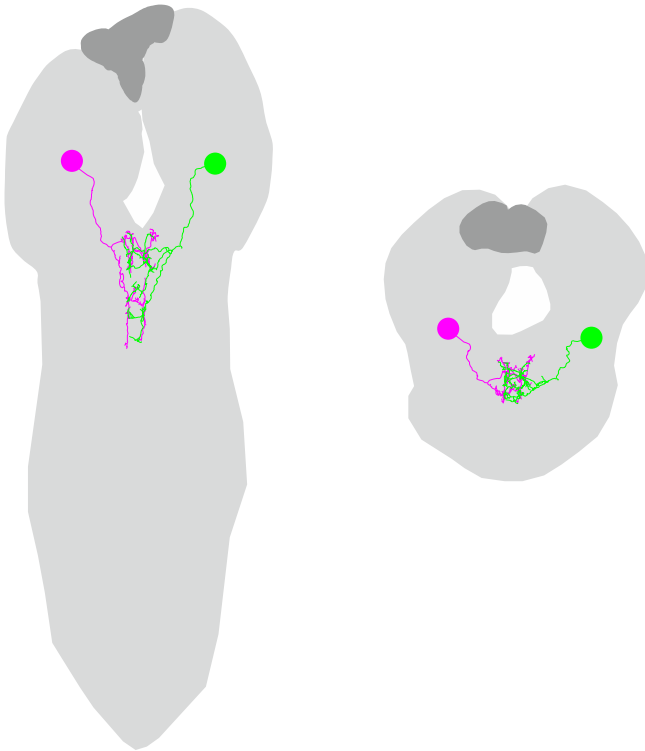
	synapses to		synapses from	
hugin-PC right 1	0	0	0	0
hugin-PC right 2	0	1	0	0
hugin-PC right 3	0	0	0	0
hugin-PC right 4	0	6	0	2
hugin-PC left 1	1	0	0	0
hugin-PC left 2	3	0	1	0
hugin-PC left 3	0	0	0	0
hugin-PC left 4	2	0	0	0
hugin-RG right 1	0	0	0	0
hugin-RG right 2	0	0	0	0
hugin-RG left 1	0	0	0	0
hugin-RG left 2	0	0	0	0
hugin-VNC right 1	0	0	0	0
hugin-VNC right 2	0	0	0	0
hugin-VNC left 1	0	0	0	0
hugin-VNC left 2	0	0	0	0
hugin-PH right 1	0	0	0	0
hugin-PH right 2	0	0	0	0
hugin-PH left 1	0	0	0	0
hugin-PH left 2	0	0	0	0

8.



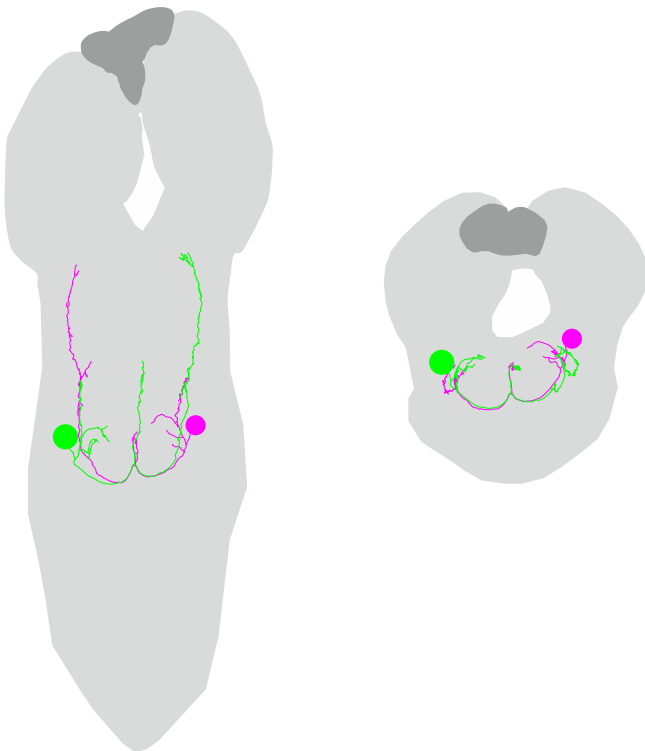
	synapses to		synapses from	
hugin-PC right 1	0	0	0	0
hugin-PC right 2	0	0	0	0
hugin-PC right 3	0	0	0	0
hugin-PC right 4	0	0	0	0
hugin-PC left 1	0	0	0	0
hugin-PC left 2	0	0	0	0
hugin-PC left 3	0	0	0	0
hugin-PC left 4	0	0	0	0
hugin-RG right 1	0	0	0	0
hugin-RG right 2	0	0	0	0
hugin-RG left 1	0	0	0	0
hugin-RG left 2	0	0	0	0
hugin-VNC right 1	8	0	2	0
hugin-VNC right 2	8	0	1	0
hugin-VNC left 1	0	8	0	4
hugin-VNC left 2	0	13	0	3
hugin-PH right 1	0	0	0	0
hugin-PH right 2	0	0	0	0
hugin-PH left 1	0	0	0	0
hugin-PH left 2	0	0	0	0

9.



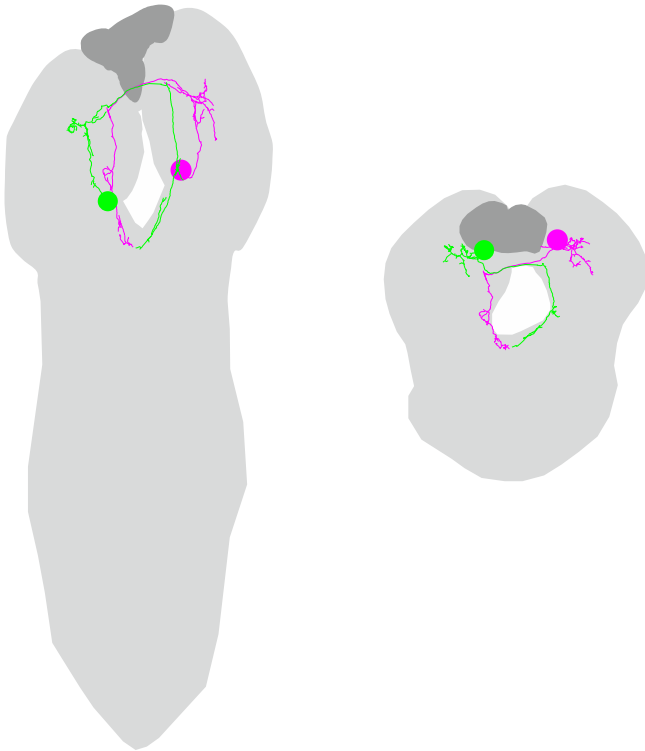
	synapses to		synapses from	
hugin-PC right 1	0	0	0	0
hugin-PC right 2	0	0	0	0
hugin-PC right 3	0	0	0	0
hugin-PC right 4	0	0	0	0
hugin-PC left 1	0	0	0	0
hugin-PC left 2	0	0	0	0
hugin-PC left 3	0	0	0	0
hugin-PC left 4	0	0	0	0
hugin-RG right 1	0	0	0	0
hugin-RG right 2	0	0	0	0
hugin-RG left 1	0	0	0	0
hugin-RG left 2	0	0	0	0
hugin-VNC right 1	0	0	0	0
hugin-VNC right 2	0	0	0	0
hugin-VNC left 1	0	0	0	0
hugin-VNC left 2	0	0	0	0
hugin-PH right 1	0	2	0	0
hugin-PH right 2	0	1	0	0
hugin-PH left 1	0	0	0	0
hugin-PH left 2	5	2	0	0

10.



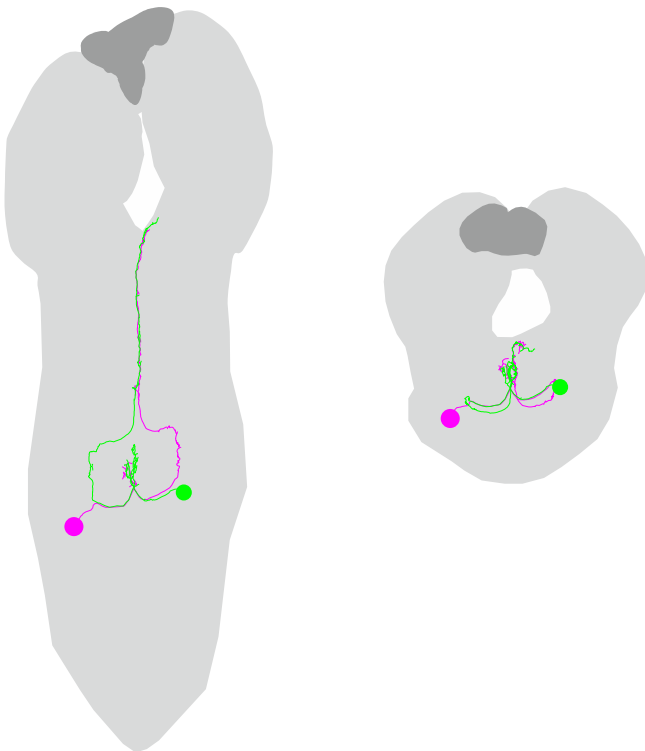
	synapses to		synapses from	
hugin-PC right 1	0	0	0	0
hugin-PC right 2	0	0	0	0
hugin-PC right 3	0	0	0	0
hugin-PC right 4	0	0	0	0
hugin-PC left 1	0	0	0	0
hugin-PC left 2	0	0	0	0
hugin-PC left 3	0	0	0	0
hugin-PC left 4	0	0	0	0
hugin-RG right 1	0	0	0	0
hugin-RG right 2	0	0	0	0
hugin-RG left 1	0	0	0	0
hugin-RG left 2	0	0	0	0
hugin-VNC right 1	0	1	1	1
hugin-VNC right 2	0	1	1	0
hugin-VNC left 1	0	0	1	2
hugin-VNC left 2	4	0	1	2
hugin-PH right 1	0	0	0	0
hugin-PH right 2	0	0	0	0
hugin-PH left 1	0	0	0	0
hugin-PH left 2	0	0	0	0

11.



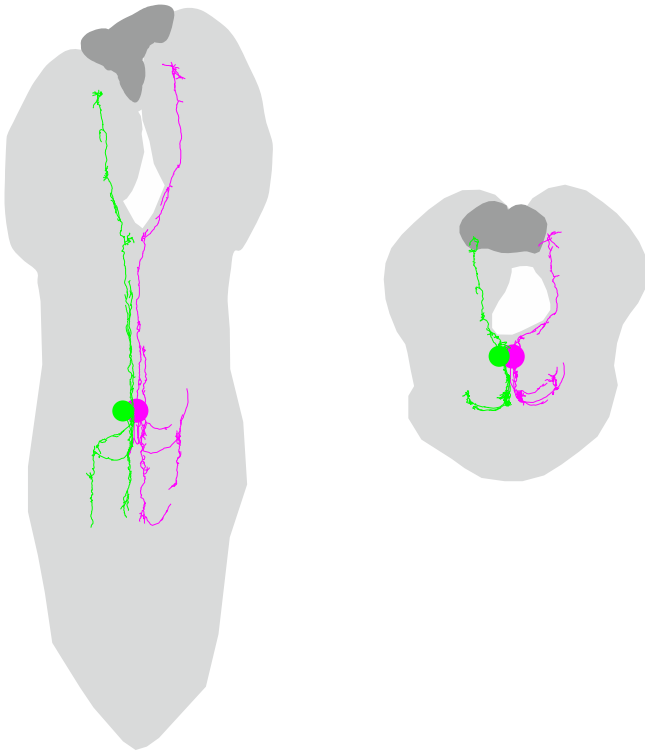
	synapses to		synapses from	
hugin-PC right 1	0	0	0	0
hugin-PC right 2	0	0	0	0
hugin-PC right 3	0	0	0	0
hugin-PC right 4	0	0	0	0
hugin-PC left 1	0	0	0	0
hugin-PC left 2	0	0	0	0
hugin-PC left 3	0	2	0	0
hugin-PC left 4	0	0	0	0
hugin-RG right 1	6	5	0	0
hugin-RG right 2	8	5	0	0
hugin-RG left 1	2	11	0	0
hugin-RG left 2	2	12	0	0
hugin-VNC right 1	0	0	0	0
hugin-VNC right 2	0	2	0	0
hugin-VNC left 1	0	0	0	0
hugin-VNC left 2	0	0	0	0
hugin-PH right 1	0	0	0	0
hugin-PH right 2	0	0	0	0
hugin-PH left 1	0	0	0	0
hugin-PH left 2	0	0	0	0

12.



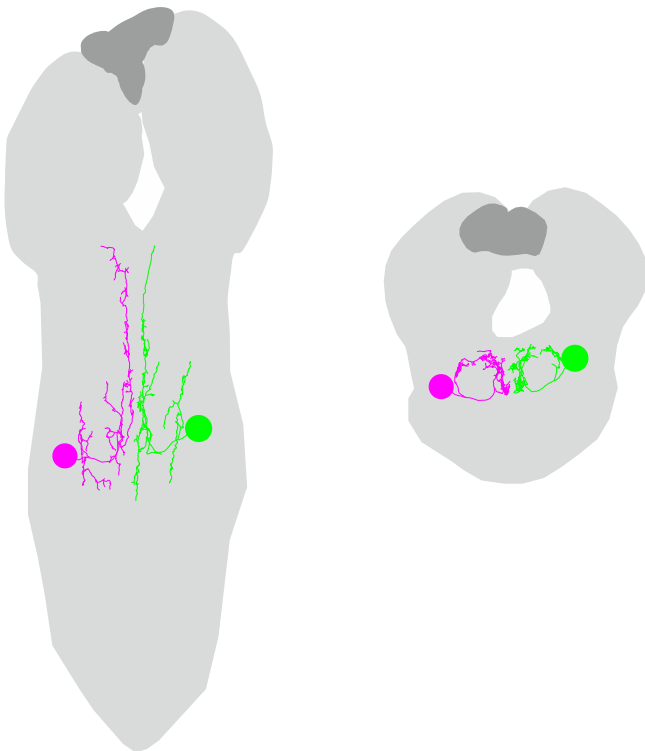
	synapses to		synapses from	
hugin-PC right 1	0	0	0	0
hugin-PC right 2	0	0	0	0
hugin-PC right 3	0	0	0	0
hugin-PC right 4	0	0	0	0
hugin-PC left 1	0	0	0	0
hugin-PC left 2	0	0	0	0
hugin-PC left 3	0	0	0	0
hugin-PC left 4	0	0	0	0
hugin-RG right 1	0	1	0	0
hugin-RG right 2	0	0	0	0
hugin-RG left 1	0	0	0	0
hugin-RG left 2	0	0	0	0
hugin-VNC right 1	4	2	0	0
hugin-VNC right 2	0	0	0	0
hugin-VNC left 1	2	3	0	0
hugin-VNC left 2	1	1	0	0
hugin-PH right 1	0	0	0	0
hugin-PH right 2	0	0	0	0
hugin-PH left 1	0	0	0	0
hugin-PH left 2	0	0	0	0

13.



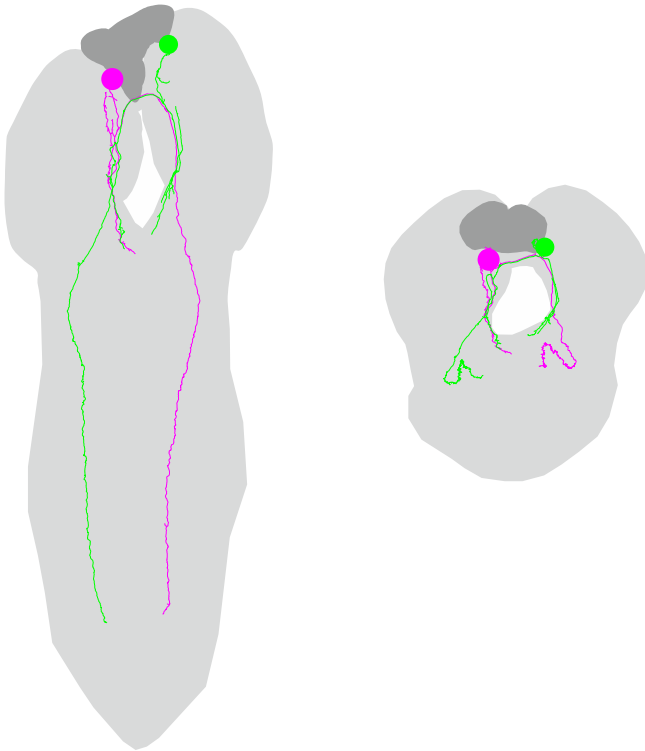
	synapses to		synapses from	
hugin-PC right 1	0	0	0	0
hugin-PC right 2	0	0	0	0
hugin-PC right 3	0	0	0	0
hugin-PC right 4	0	0	0	0
hugin-PC left 1	0	0	0	0
hugin-PC left 2	1	0	0	0
hugin-PC left 3	4	0	0	0
hugin-PC left 4	0	0	0	0
hugin-RG right 1	1	2	0	0
hugin-RG right 2	1	3	0	0
hugin-RG left 1	8	2	0	0
hugin-RG left 2	0	0	0	0
hugin-VNC right 1	2	5	0	0
hugin-VNC right 2	10	0	0	0
hugin-VNC left 1	5	4	0	0
hugin-VNC left 2	0	1	0	0
hugin-PH right 1	0	0	0	0
hugin-PH right 2	0	0	0	0
hugin-PH left 1	0	0	0	0
hugin-PH left 2	0	0	0	0

14.



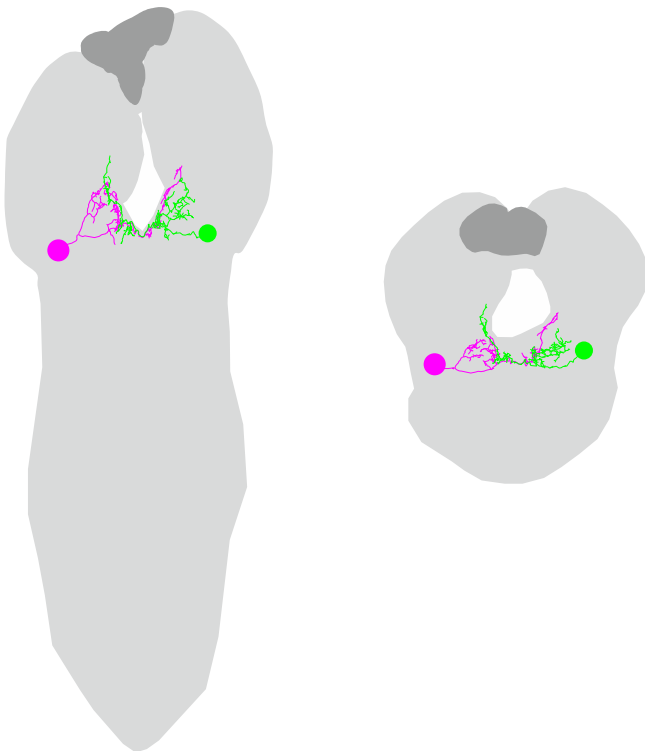
	synapses to		synapses from	
hugin-PC right 1	0	0	0	0
hugin-PC right 2	0	0	0	0
hugin-PC right 3	0	0	0	0
hugin-PC right 4	0	0	0	0
hugin-PC left 1	0	0	0	0
hugin-PC left 2	0	0	0	0
hugin-PC left 3	0	0	0	0
hugin-PC left 4	0	0	0	0
hugin-RG right 1	0	0	0	0
hugin-RG right 2	0	0	0	0
hugin-RG left 1	0	0	0	0
hugin-RG left 2	0	0	0	0
hugin-VNC right 1	0	0	0	5
hugin-VNC right 2	0	0	0	3
hugin-VNC left 1	0	0	5	0
hugin-VNC left 2	0	0	2	0
hugin-PH right 1	0	0	0	0
hugin-PH right 2	0	0	0	0
hugin-PH left 1	0	0	0	0
hugin-PH left 2	0	0	0	0

15.



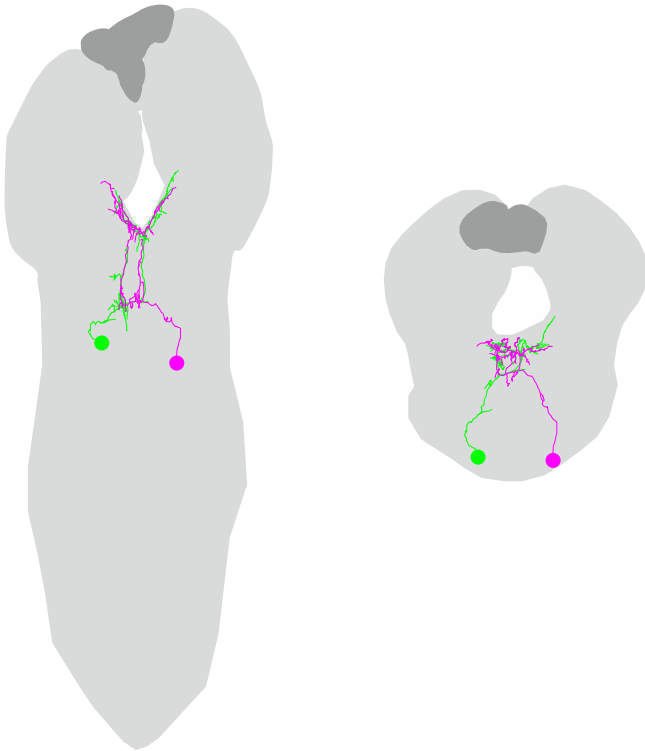
	synapses to		synapses from	
hugin-PC right 1	0	0	0	0
hugin-PC right 2	0	0	0	0
hugin-PC right 3	0	0	0	0
hugin-PC right 4	0	0	0	0
hugin-PC left 1	0	0	0	0
hugin-PC left 2	0	0	0	0
hugin-PC left 3	0	0	0	0
hugin-PC left 4	0	0	0	0
hugin-RG right 1	0	0	0	0
hugin-RG right 2	0	0	0	0
hugin-RG left 1	0	0	0	0
hugin-RG left 2	0	0	0	0
hugin-VNC right 1	4	0	0	0
hugin-VNC right 2	6	0	1	0
hugin-VNC left 1	0	4	0	0
hugin-VNC left 2	0	3	0	1
hugin-PH right 1	0	0	0	0
hugin-PH right 2	0	0	0	0
hugin-PH left 1	0	0	0	0
hugin-PH left 2	0	0	0	0

16.



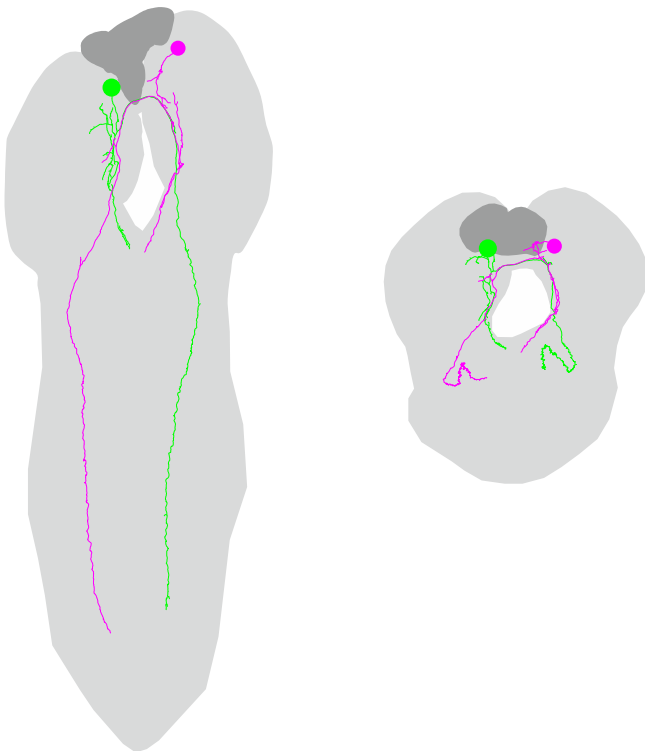
	synapses to		synapses from	
hugin-PC right 1	0	2	2	0
hugin-PC right 2	0	1	0	0
hugin-PC right 3	0	2	2	0
hugin-PC right 4	0	1	2	0
hugin-PC left 1	4	0	1	0
hugin-PC left 2	2	0	1	1
hugin-PC left 3	5	0	2	1
hugin-PC left 4	5	1	0	1
hugin-RG right 1	0	0	0	0
hugin-RG right 2	0	0	0	0
hugin-RG left 1	0	0	0	0
hugin-RG left 2	0	0	0	0
hugin-VNC right 1	0	0	0	0
hugin-VNC right 2	0	0	0	0
hugin-VNC left 1	0	0	0	0
hugin-VNC left 2	0	0	0	0
hugin-PH right 1	0	0	0	0
hugin-PH right 2	0	0	0	0
hugin-PH left 1	0	0	0	0
hugin-PH left 2	0	0	0	0

17.



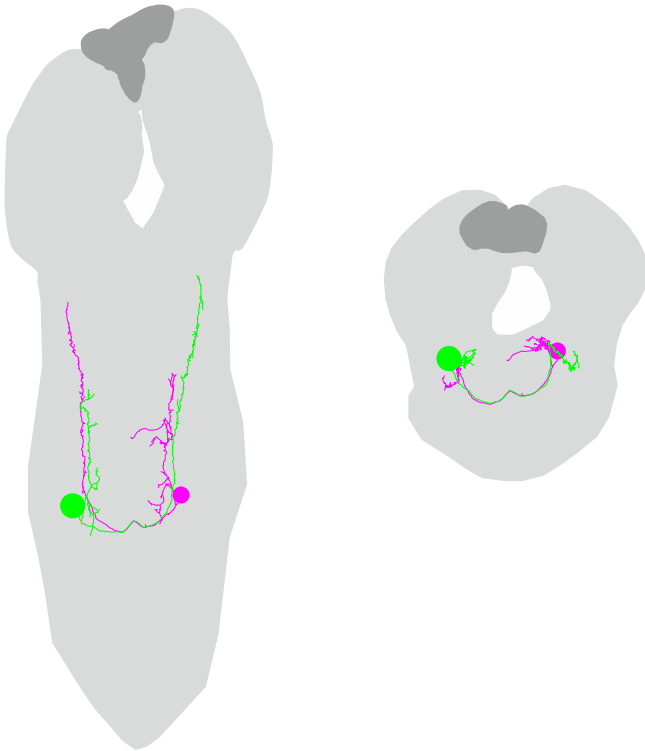
	synapses to		synapses from	
hugin-PC right 1	0	0	0	0
hugin-PC right 2	0	0	0	0
hugin-PC right 3	0	0	0	0
hugin-PC right 4	1	0	0	0
hugin-PC left 1	0	0	0	1
hugin-PC left 2	1	0	1	0
hugin-PC left 3	0	0	0	0
hugin-PC left 4	0	0	0	0
hugin-RG right 1	0	0	0	0
hugin-RG right 2	0	0	0	0
hugin-RG left 1	0	0	0	0
hugin-RG left 2	0	0	0	0
hugin-VNC right 1	5	1	0	0
hugin-VNC right 2	2	3	0	0
hugin-VNC left 1	4	3	0	0
hugin-VNC left 2	0	1	0	0
hugin-PH right 1	0	0	0	0
hugin-PH right 2	0	0	0	0
hugin-PH left 1	0	0	0	0
hugin-PH left 2	0	0	0	0

18.



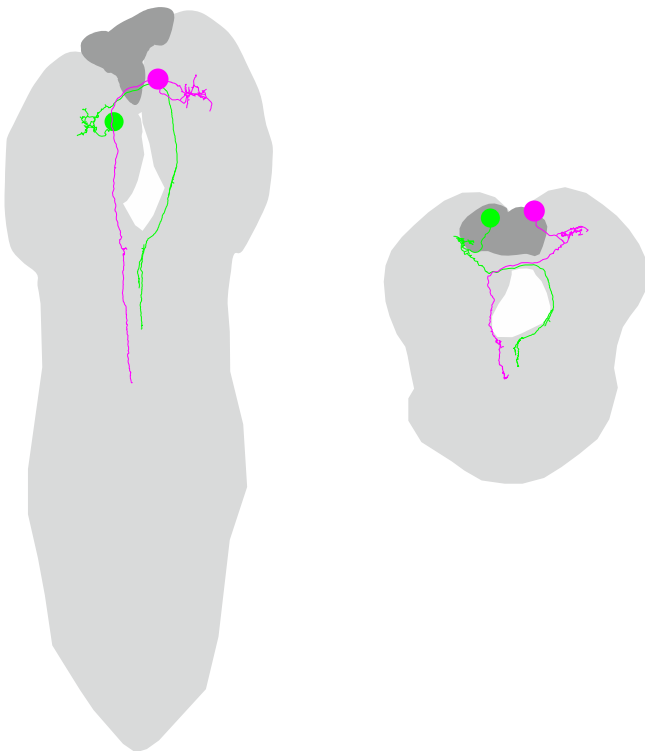
	synapses to		synapses from	
hugin-PC right 1	0	0	0	0
hugin-PC right 2	0	0	0	0
hugin-PC right 3	0	0	0	0
hugin-PC right 4	0	0	0	0
hugin-PC left 1	0	0	0	0
hugin-PC left 2	0	0	0	0
hugin-PC left 3	0	0	0	0
hugin-PC left 4	0	0	0	0
hugin-RG right 1	0	0	0	0
hugin-RG right 2	0	0	0	0
hugin-RG left 1	0	0	0	0
hugin-RG left 2	0	0	0	0
hugin-VNC right 1	0	4	0	0
hugin-VNC right 2	0	5	0	0
hugin-VNC left 1	5	0	0	0
hugin-VNC left 2	2	0	0	0
hugin-PH right 1	0	0	0	0
hugin-PH right 2	0	0	0	0
hugin-PH left 1	0	0	0	0
hugin-PH left 2	0	0	0	0

19.



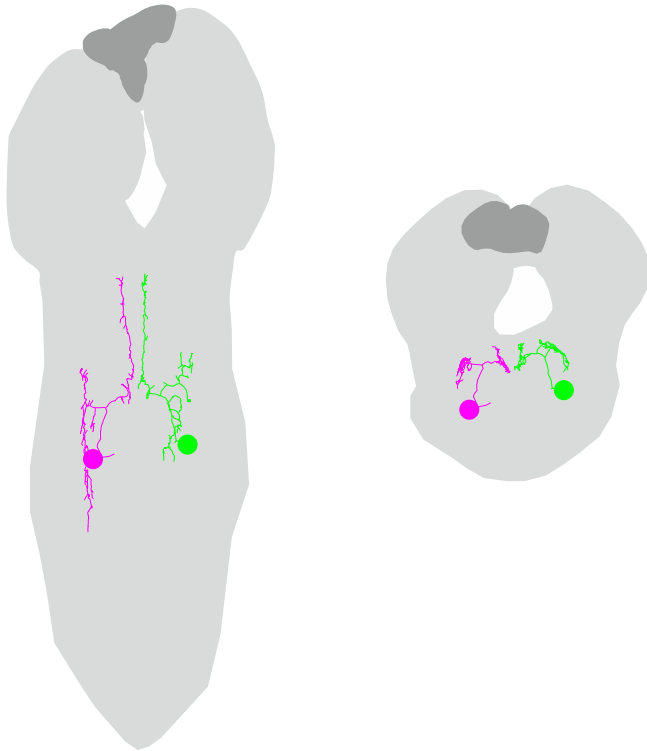
	synapses to		synapses from	
hugin-PC right 1	0	0	0	0
hugin-PC right 2	0	0	0	0
hugin-PC right 3	0	0	0	0
hugin-PC right 4	0	0	0	0
hugin-PC left 1	0	0	0	0
hugin-PC left 2	0	0	0	0
hugin-PC left 3	0	0	0	0
hugin-PC left 4	0	0	0	0
hugin-RG right 1	0	0	0	0
hugin-RG right 2	0	0	0	0
hugin-RG left 1	0	0	0	0
hugin-RG left 2	0	0	0	0
hugin-VNC right 1	0	3	1	1
hugin-VNC right 2	0	2	1	5
hugin-VNC left 1	1	0	4	0
hugin-VNC left 2	5	0	2	1
hugin-PH right 1	0	0	0	0
hugin-PH right 2	0	0	0	0
hugin-PH left 1	0	0	0	0
hugin-PH left 2	0	0	0	0

20.



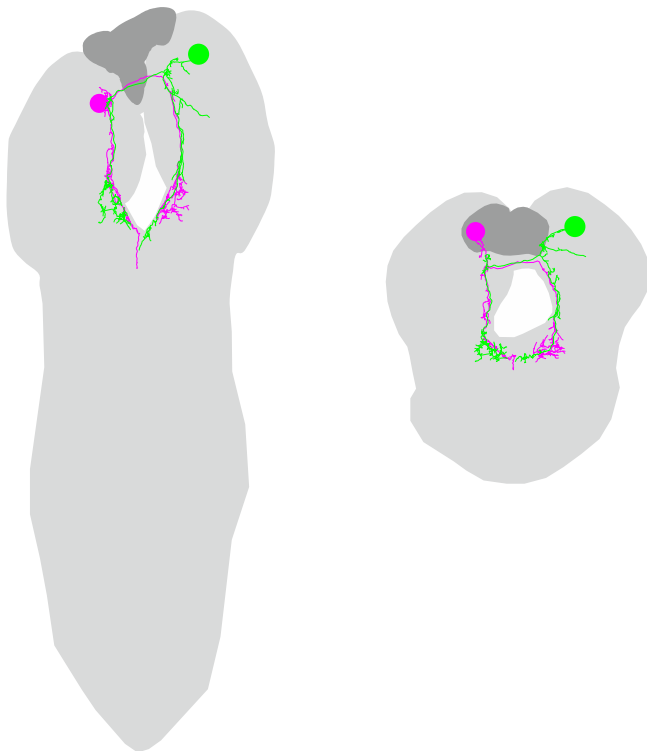
	synapses to		synapses from	
hugin-PC right 1	0	0	0	0
hugin-PC right 2	0	0	0	0
hugin-PC right 3	0	0	0	0
hugin-PC right 4	0	0	0	0
hugin-PC left 1	0	0	0	0
hugin-PC left 2	0	0	0	0
hugin-PC left 3	0	0	0	0
hugin-PC left 4	0	0	0	0
hugin-RG right 1	0	0	0	0
hugin-RG right 2	0	0	0	0
hugin-RG left 1	0	0	0	0
hugin-RG left 2	0	0	0	0
hugin-VNC right 1	0	0	0	0
hugin-VNC right 2	0	0	0	0
hugin-VNC left 1	3	0	0	0
hugin-VNC left 2	0	0	0	0
hugin-PH right 1	0	0	0	0
hugin-PH right 2	0	0	0	0
hugin-PH left 1	0	0	0	0
hugin-PH left 2	0	0	0	0

21.



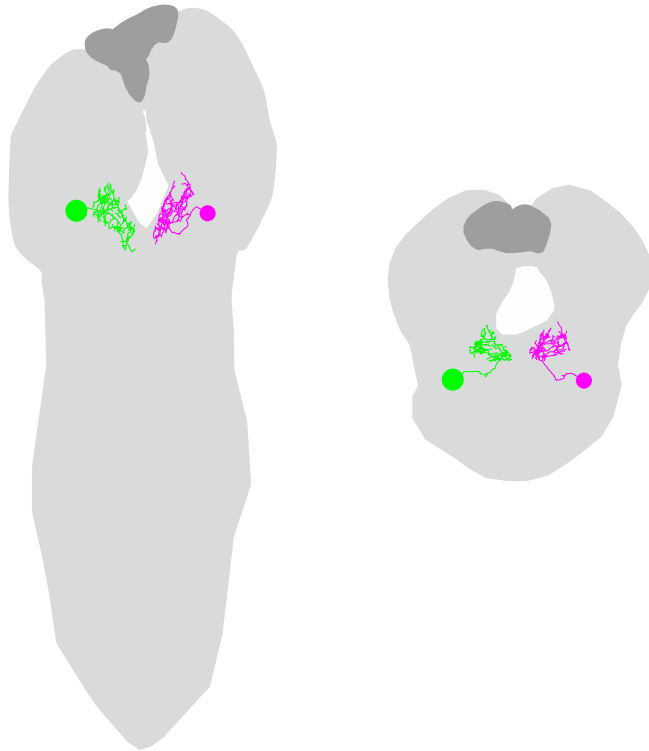
	synapses to		synapses from	
hugin-PC right 1	0	0	0	0
hugin-PC right 2	0	0	0	0
hugin-PC right 3	0	0	0	0
hugin-PC right 4	0	0	0	0
hugin-PC left 1	0	0	0	0
hugin-PC left 2	0	0	0	0
hugin-PC left 3	0	0	0	0
hugin-PC left 4	0	0	0	0
hugin-RG right 1	0	0	0	0
hugin-RG right 2	0	0	0	0
hugin-RG left 1	0	0	0	0
hugin-RG left 2	0	0	0	0
hugin-VNC right 1	0	0	0	7
hugin-VNC right 2	0	0	0	7
hugin-VNC left 1	0	0	3	0
hugin-VNC left 2	0	0	3	0
hugin-PH right 1	0	0	0	0
hugin-PH right 2	0	0	0	0
hugin-PH left 1	0	0	0	0
hugin-PH left 2	0	0	0	0

22.



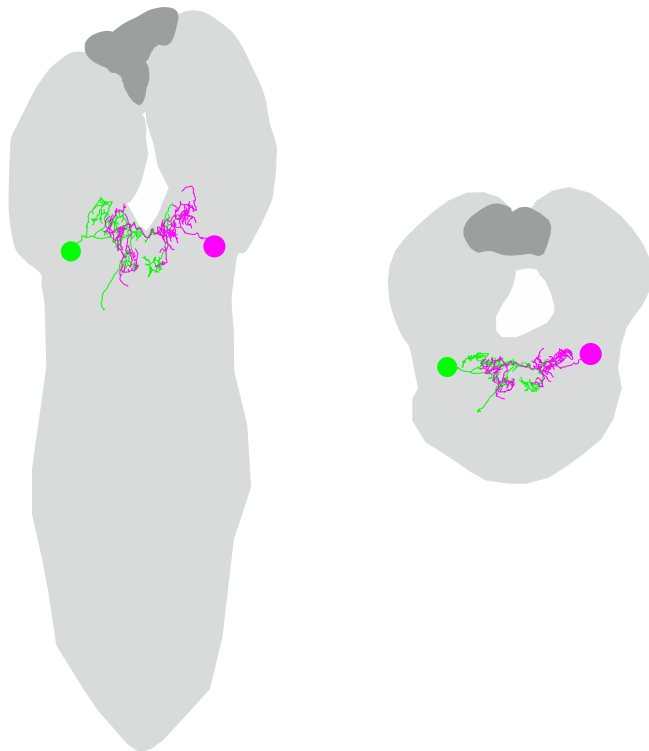
	synapses to		synapses from	
hugin-PC right 1	0	0	0	2
hugin-PC right 2	0	0	0	2
hugin-PC right 3	0	1	2	0
hugin-PC right 4	0	0	3	1
hugin-PC left 1	0	0	0	2
hugin-PC left 2	1	0	1	0
hugin-PC left 3	0	0	1	2
hugin-PC left 4	2	1	2	1
hugin-RG right 1	0	0	0	0
hugin-RG right 2	0	0	0	0
hugin-RG left 1	0	0	0	0
hugin-RG left 2	0	0	0	0
hugin-VNC right 1	0	0	0	0
hugin-VNC right 2	1	0	0	0
hugin-VNC left 1	1	0	0	0
hugin-VNC left 2	0	0	0	0
hugin-PH right 1	0	0	0	0
hugin-PH right 2	0	0	0	0
hugin-PH left 1	0	0	0	0
hugin-PH left 2	0	0	0	0

23.



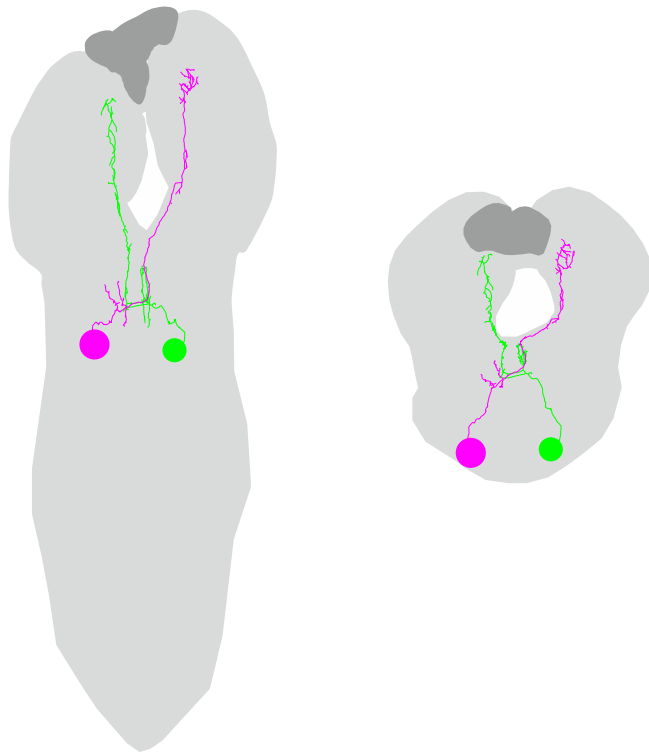
	synapses to		synapses from	
hugin-PC right 1	0	0	0	2
hugin-PC right 2	0	0	0	0
hugin-PC right 3	0	2	0	0
hugin-PC right 4	0	1	0	0
hugin-PC left 1	1	0	1	0
hugin-PC left 2	0	0	3	0
hugin-PC left 3	0	0	1	0
hugin-PC left 4	3	0	0	0
hugin-RG right 1	0	0	0	0
hugin-RG right 2	0	0	0	0
hugin-RG left 1	0	0	0	0
hugin-RG left 2	0	0	0	0
hugin-VNC right 1	0	0	0	0
hugin-VNC right 2	0	0	0	0
hugin-VNC left 1	0	0	0	0
hugin-VNC left 2	0	0	0	0
hugin-PH right 1	0	0	0	0
hugin-PH right 2	0	0	0	0
hugin-PH left 1	0	0	0	0
hugin-PH left 2	0	0	0	0

24.



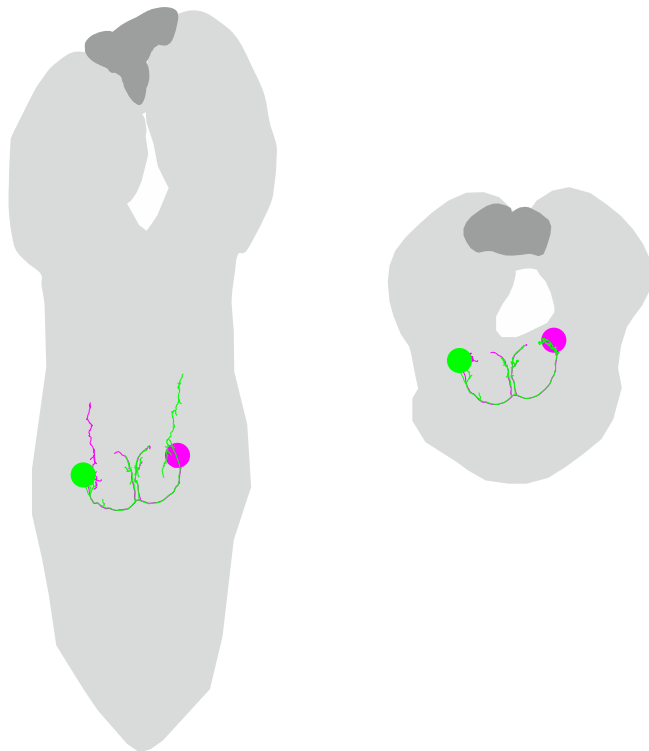
	synapses to		synapses from	
hugin-PC right 1	0	0	0	0
hugin-PC right 2	0	0	0	0
hugin-PC right 3	0	0	0	0
hugin-PC right 4	0	1	0	0
hugin-PC left 1	0	0	0	0
hugin-PC left 2	0	0	0	0
hugin-PC left 3	0	1	1	0
hugin-PC left 4	0	0	0	0
hugin-RG right 1	0	0	0	0
hugin-RG right 2	0	0	0	0
hugin-RG left 1	0	0	0	0
hugin-RG left 2	0	0	0	0
hugin-VNC right 1	0	0	0	0
hugin-VNC right 2	0	0	0	0
hugin-VNC left 1	0	0	0	0
hugin-VNC left 2	0	0	0	0
hugin-PH right 1	3	0	0	0
hugin-PH right 2	2	0	0	0
hugin-PH left 1	0	1	0	0
hugin-PH left 2	1	2	0	0

25.



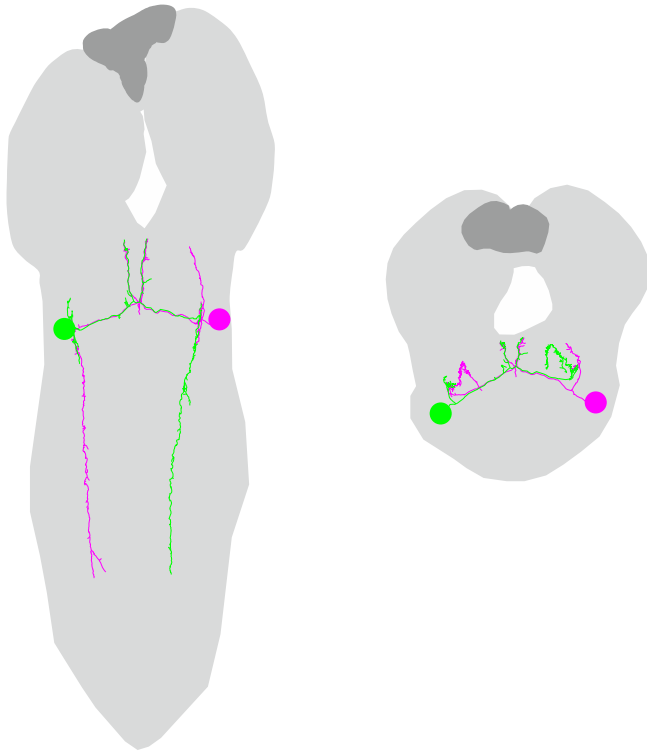
	synapses to		synapses from	
hugin-PC right 1	0	0	0	0
hugin-PC right 2	0	0	0	0
hugin-PC right 3	0	0	0	0
hugin-PC right 4	0	0	0	0
hugin-PC left 1	0	0	0	0
hugin-PC left 2	0	0	0	0
hugin-PC left 3	0	0	0	0
hugin-PC left 4	0	0	0	0
hugin-RG right 1	0	0	0	0
hugin-RG right 2	0	0	0	0
hugin-RG left 1	0	0	0	0
hugin-RG left 2	0	0	0	0
hugin-VNC right 1	0	0	0	0
hugin-VNC right 2	4	0	0	0
hugin-VNC left 1	4	0	0	0
hugin-VNC left 2	0	0	0	0
hugin-PH right 1	0	0	0	0
hugin-PH right 2	0	0	0	0
hugin-PH left 1	0	0	0	0
hugin-PH left 2	0	0	0	0

26.



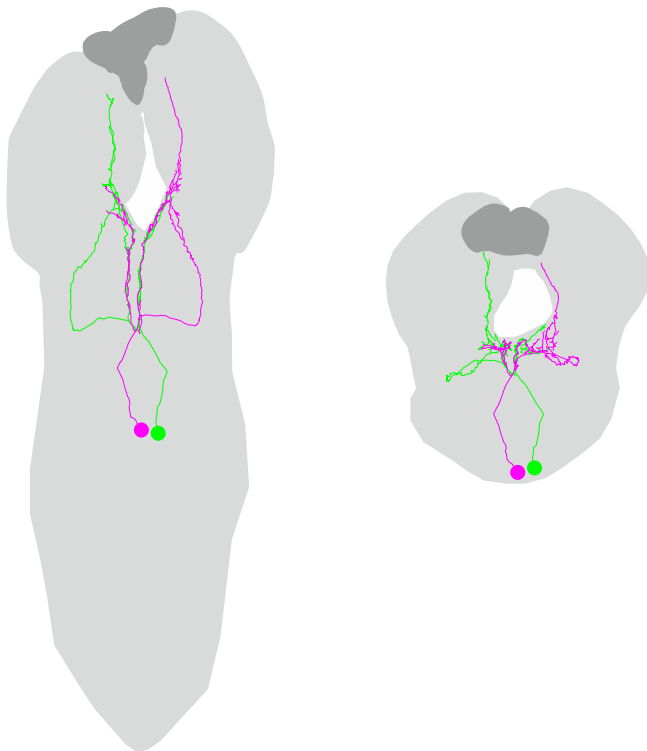
	synapses to		synapses from	
hugin-PC right 1	0	0	0	0
hugin-PC right 2	0	0	0	0
hugin-PC right 3	0	0	0	0
hugin-PC right 4	0	0	0	0
hugin-PC left 1	0	0	0	0
hugin-PC left 2	0	0	0	0
hugin-PC left 3	0	0	0	0
hugin-PC left 4	0	0	0	0
hugin-RG right 1	0	0	0	0
hugin-RG right 2	0	0	0	0
hugin-RG left 1	0	0	0	0
hugin-RG left 2	0	0	0	0
hugin-VNC right 1	0	0	1	0
hugin-VNC right 2	0	0	0	0
hugin-VNC left 1	0	0	0	2
hugin-VNC left 2	0	0	0	1
hugin-PH right 1	0	0	0	0
hugin-PH right 2	0	0	0	0
hugin-PH left 1	0	0	0	0
hugin-PH left 2	0	0	0	0

27.



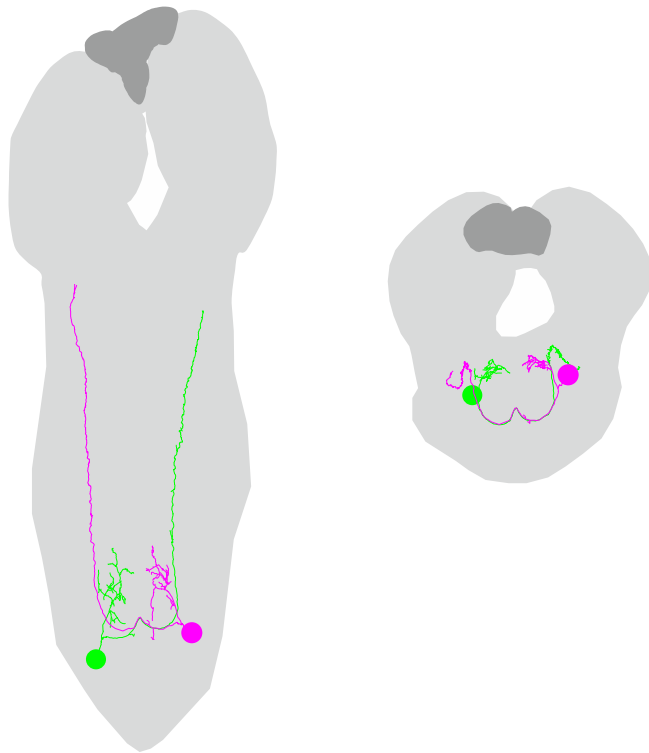
	synapses to		synapses from	
hugin-PC right 1	0	0	0	0
hugin-PC right 2	0	0	0	0
hugin-PC right 3	0	0	0	0
hugin-PC right 4	0	0	0	0
hugin-PC left 1	0	0	0	0
hugin-PC left 2	0	0	0	0
hugin-PC left 3	0	0	0	0
hugin-PC left 4	0	0	0	0
hugin-RG right 1	0	0	0	0
hugin-RG right 2	0	0	0	0
hugin-RG left 1	0	0	0	0
hugin-RG left 2	0	0	0	0
hugin-VNC right 1	0	1	4	5
hugin-VNC right 2	0	0	2	3
hugin-VNC left 1	1	0	6	4
hugin-VNC left 2	1	0	5	6
hugin-PH right 1	0	0	0	0
hugin-PH right 2	0	0	0	0
hugin-PH left 1	0	0	0	0
hugin-PH left 2	0	0	0	0

28.



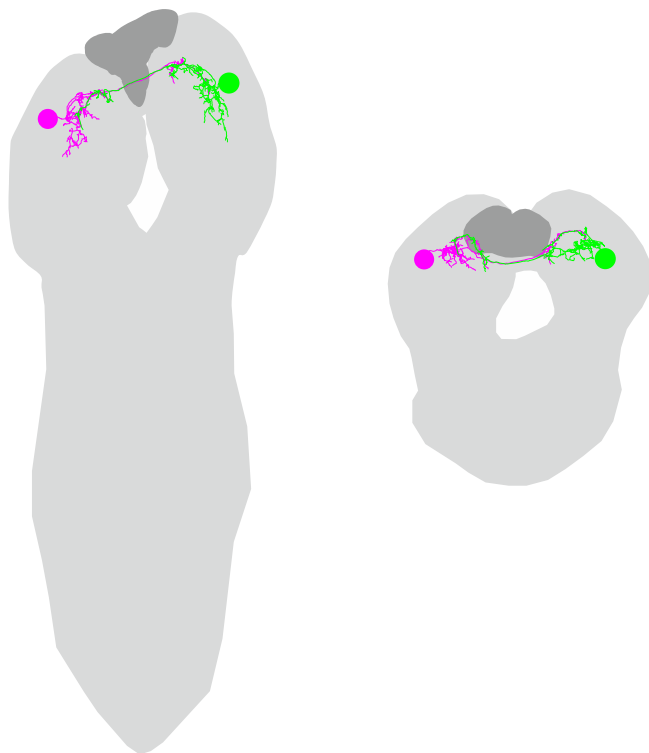
	synapses to		synapses from	
hugin-PC right 1	0	10	0	2
hugin-PC right 2	0	11	0	4
hugin-PC right 3	0	7	0	1
hugin-PC right 4	0	2	0	0
hugin-PC left 1	6	0	2	1
hugin-PC left 2	5	0	1	0
hugin-PC left 3	8	0	2	0
hugin-PC left 4	5	0	0	0
hugin-RG right 1	0	0	0	0
hugin-RG right 2	0	0	0	0
hugin-RG left 1	0	0	0	0
hugin-RG left 2	0	0	0	0
hugin-VNC right 1	0	0	0	0
hugin-VNC right 2	0	0	0	0
hugin-VNC left 1	0	0	0	0
hugin-VNC left 2	0	0	0	0
hugin-PH right 1	0	0	0	0
hugin-PH right 2	0	0	0	0
hugin-PH left 1	0	0	0	0
hugin-PH left 2	0	0	0	0

29.



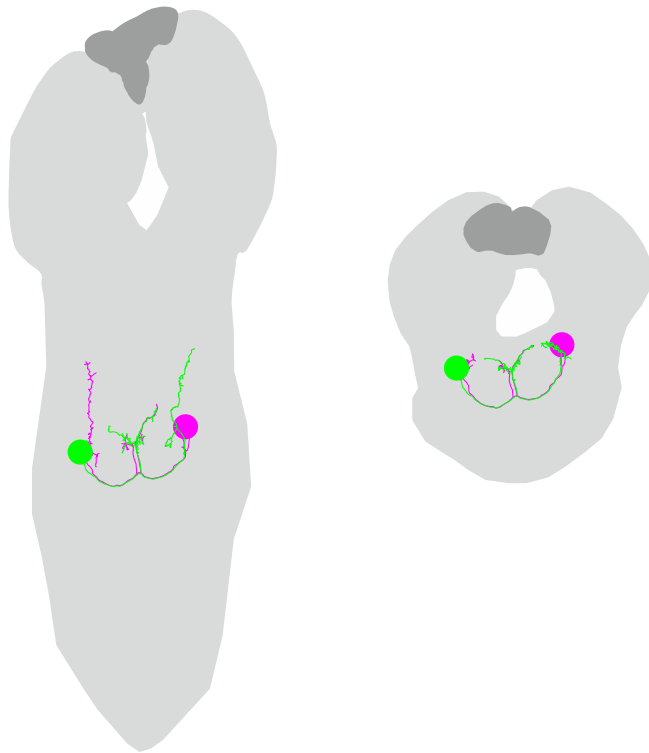
	synapses to		synapses from	
hugin-PC right 1	0	0	0	0
hugin-PC right 2	0	0	0	0
hugin-PC right 3	0	0	0	0
hugin-PC right 4	0	0	0	0
hugin-PC left 1	0	0	0	0
hugin-PC left 2	0	0	0	0
hugin-PC left 3	0	0	0	0
hugin-PC left 4	0	0	0	0
hugin-RG right 1	0	0	0	0
hugin-RG right 2	0	0	0	0
hugin-RG left 1	0	0	0	0
hugin-RG left 2	0	0	0	0
hugin-VNC right 1	0	1	0	3
hugin-VNC right 2	0	4	0	0
hugin-VNC left 1	6	0	1	0
hugin-VNC left 2	1	0	1	0
hugin-PH right 1	0	0	0	0
hugin-PH right 2	0	0	0	0
hugin-PH left 1	0	0	0	0
hugin-PH left 2	0	0	0	0

30.



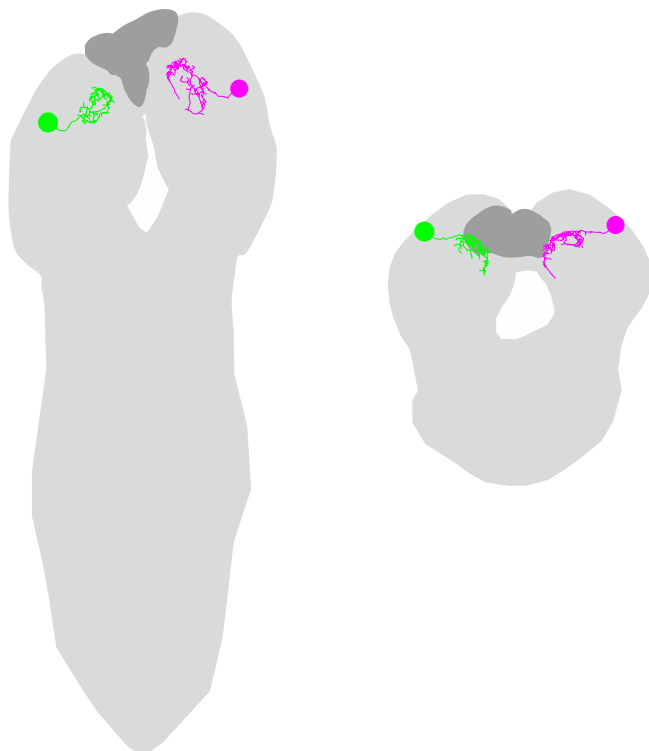
	synapses to		synapses from	
hugin-PC right 1	9	10	1	0
hugin-PC right 2	3	5	0	1
hugin-PC right 3	5	2	0	0
hugin-PC right 4	11	7	2	3
hugin-PC left 1	11	5	1	3
hugin-PC left 2	6	7	1	2
hugin-PC left 3	2	0	0	2
hugin-PC left 4	6	6	0	0
hugin-RG right 1	0	0	0	0
hugin-RG right 2	0	0	0	0
hugin-RG left 1	0	0	0	0
hugin-RG left 2	0	0	0	0
hugin-VNC right 1	0	0	0	0
hugin-VNC right 2	0	0	0	0
hugin-VNC left 1	0	0	0	0
hugin-VNC left 2	0	0	0	0
hugin-PH right 1	0	0	0	0
hugin-PH right 2	0	0	0	0
hugin-PH left 1	0	0	0	0
hugin-PH left 2	0	0	0	0

31.



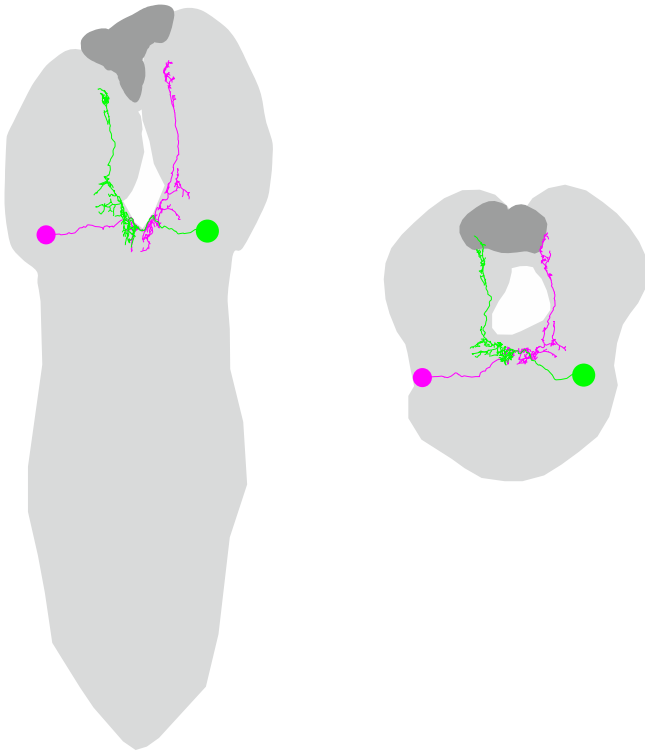
	synapses to		synapses from	
hugin-PC right 1	0	0	0	0
hugin-PC right 2	0	0	0	0
hugin-PC right 3	0	0	0	0
hugin-PC right 4	0	0	0	0
hugin-PC left 1	0	0	0	0
hugin-PC left 2	0	0	0	0
hugin-PC left 3	0	0	0	0
hugin-PC left 4	0	0	0	0
hugin-RG right 1	0	0	0	0
hugin-RG right 2	0	0	0	0
hugin-RG left 1	0	0	0	0
hugin-RG left 2	0	0	0	0
hugin-VNC right 1	0	0	1	0
hugin-VNC right 2	0	0	1	0
hugin-VNC left 1	0	0	0	3
hugin-VNC left 2	0	0	0	1
hugin-PH right 1	0	0	0	0
hugin-PH right 2	0	0	0	0
hugin-PH left 1	0	0	0	0
hugin-PH left 2	0	0	0	0

32.



	synapses to		synapses from	
hugin-PC right 1	0	5	0	1
hugin-PC right 2	0	2	0	0
hugin-PC right 3	0	1	0	0
hugin-PC right 4	0	1	0	1
hugin-PC left 1	9	0	0	0
hugin-PC left 2	7	0	3	0
hugin-PC left 3	3	0	0	0
hugin-PC left 4	5	0	0	0
hugin-RG right 1	0	0	0	0
hugin-RG right 2	0	0	0	0
hugin-RG left 1	0	0	0	0
hugin-RG left 2	0	0	0	0
hugin-VNC right 1	0	0	0	0
hugin-VNC right 2	0	0	0	0
hugin-VNC left 1	0	0	0	0
hugin-VNC left 2	0	0	0	0
hugin-PH right 1	0	0	0	0
hugin-PH right 2	0	0	0	0
hugin-PH left 1	0	0	0	0
hugin-PH left 2	0	0	0	0

33.



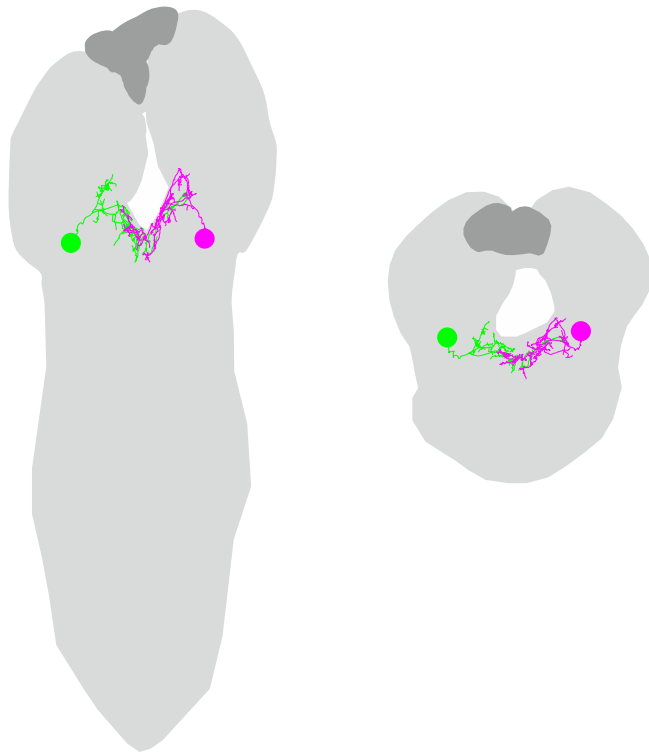
	synapses to		synapses from	
hugin-PC right 1	0	0	0	0
hugin-PC right 2	0	0	0	1
hugin-PC right 3	0	1	0	1
hugin-PC right 4	0	0	0	2
hugin-PC left 1	2	0	0	0
hugin-PC left 2	0	0	2	0
hugin-PC left 3	2	0	4	0
hugin-PC left 4	0	0	1	1
hugin-RG right 1	0	0	0	0
hugin-RG right 2	0	0	0	0
hugin-RG left 1	0	0	0	0
hugin-RG left 2	0	0	0	0
hugin-VNC right 1	0	2	0	0
hugin-VNC right 2	1	0	0	0
hugin-VNC left 1	3	0	1	0
hugin-VNC left 2	0	2	0	0
hugin-PH right 1	0	0	0	0
hugin-PH right 2	0	0	0	0
hugin-PH left 1	0	0	0	0
hugin-PH left 2	0	0	0	0

34.



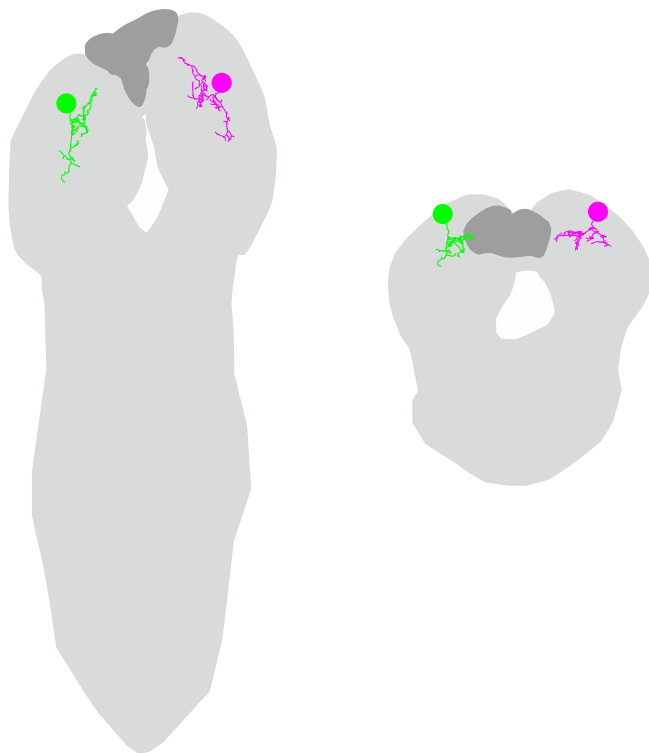
	synapses to		synapses from	
hugin-PC right 1	0	0	0	0
hugin-PC right 2	0	0	0	0
hugin-PC right 3	0	0	0	0
hugin-PC right 4	0	0	0	0
hugin-PC left 1	0	0	0	0
hugin-PC left 2	0	0	0	0
hugin-PC left 3	0	0	0	0
hugin-PC left 4	0	0	0	0
hugin-RG right 1	0	0	0	0
hugin-RG right 2	0	0	0	0
hugin-RG left 1	0	0	0	0
hugin-RG left 2	0	0	0	0
hugin-VNC right 1	0	0	0	4
hugin-VNC right 2	0	0	0	2
hugin-VNC left 1	0	0	4	0
hugin-VNC left 2	0	0	3	0
hugin-PH right 1	0	0	0	0
hugin-PH right 2	0	0	0	0
hugin-PH left 1	0	0	0	0
hugin-PH left 2	0	0	0	0

35.



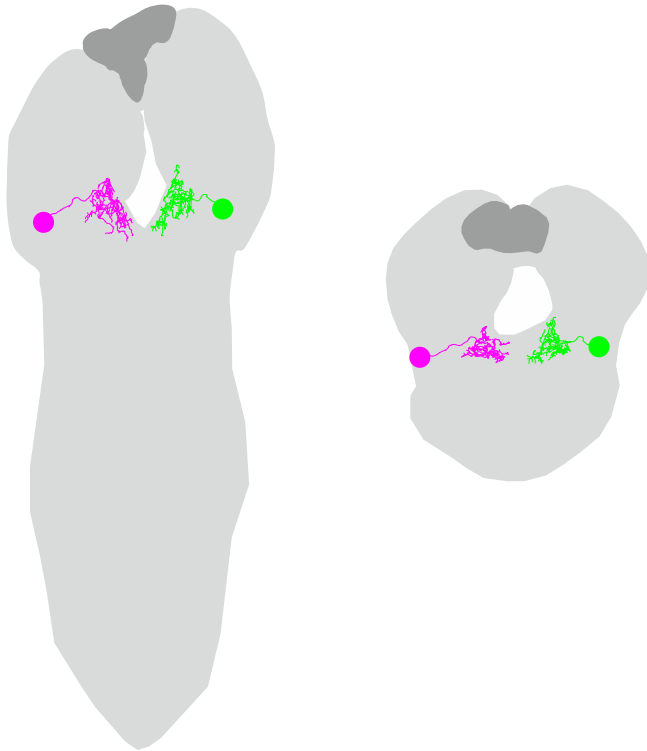
	synapses to		synapses from	
hugin-PC right 1	0	3	0	0
hugin-PC right 2	0	0	0	0
hugin-PC right 3	4	0	0	0
hugin-PC right 4	2	3	1	3
hugin-PC left 1	2	2	3	1
hugin-PC left 2	2	4	0	0
hugin-PC left 3	0	0	0	2
hugin-PC left 4	0	2	0	0
hugin-RG right 1	0	0	0	0
hugin-RG right 2	0	0	0	0
hugin-RG left 1	0	0	0	0
hugin-RG left 2	0	0	0	0
hugin-VNC right 1	0	0	0	0
hugin-VNC right 2	0	0	0	0
hugin-VNC left 1	0	0	0	0
hugin-VNC left 2	0	0	0	0
hugin-PH right 1	0	0	0	0
hugin-PH right 2	0	0	0	0
hugin-PH left 1	0	0	0	0
hugin-PH left 2	0	0	0	0

36.



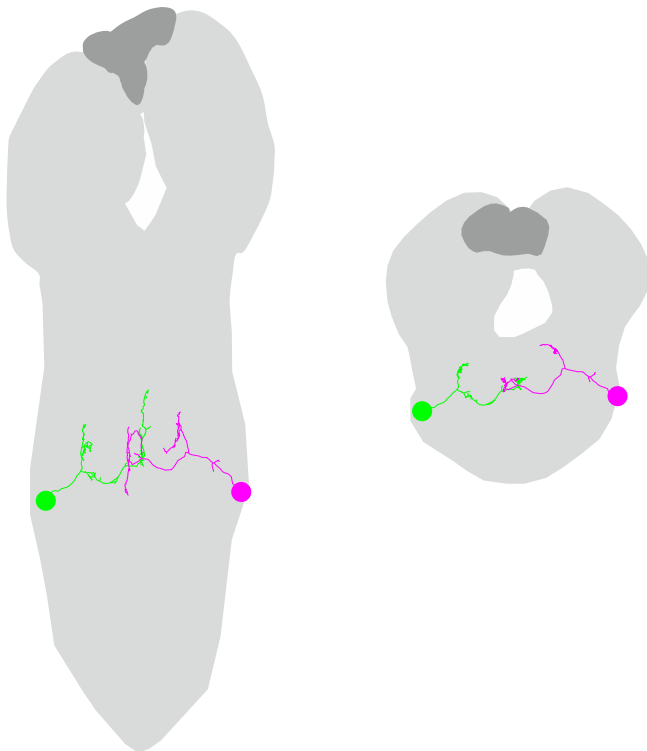
	synapses to		synapses from	
hugin-PC right 1	0	1	0	0
hugin-PC right 2	0	2	0	0
hugin-PC right 3	0	0	0	0
hugin-PC right 4	0	1	0	2
hugin-PC left 1	2	0	1	0
hugin-PC left 2	4	0	2	0
hugin-PC left 3	0	0	0	0
hugin-PC left 4	3	0	4	0
hugin-RG right 1	0	0	0	0
hugin-RG right 2	0	0	0	0
hugin-RG left 1	0	0	0	0
hugin-RG left 2	0	0	0	0
hugin-VNC right 1	0	0	0	0
hugin-VNC right 2	0	0	0	0
hugin-VNC left 1	0	0	0	0
hugin-VNC left 2	0	0	0	0
hugin-PH right 1	0	0	0	0
hugin-PH right 2	0	0	0	0
hugin-PH left 1	0	0	0	0
hugin-PH left 2	0	0	0	0

37.



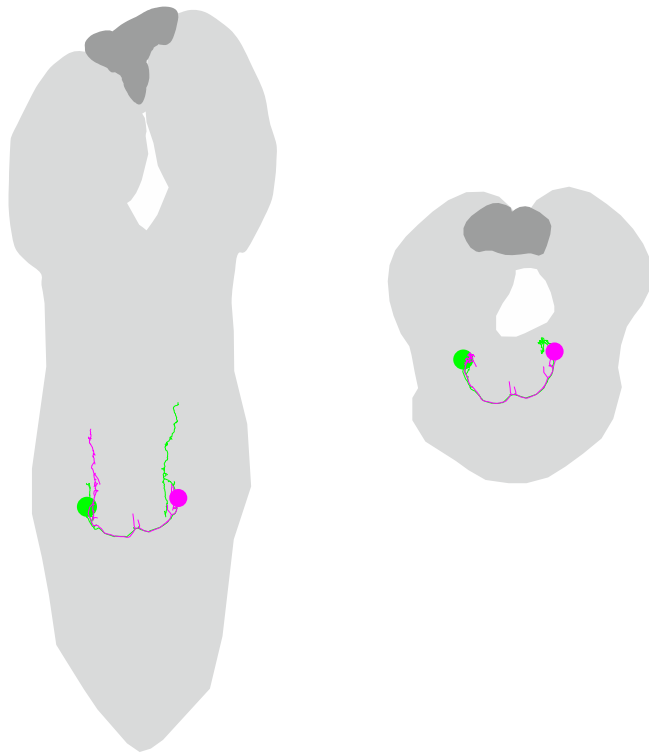
	synapses to		synapses from	
hugin-PC right 1	1	0	0	0
hugin-PC right 2	0	0	0	0
hugin-PC right 3	2	0	3	0
hugin-PC right 4	0	0	2	0
hugin-PC left 1	0	0	0	2
hugin-PC left 2	0	0	0	1
hugin-PC left 3	0	0	0	0
hugin-PC left 4	0	0	0	1
hugin-RG right 1	0	0	0	0
hugin-RG right 2	0	0	0	0
hugin-RG left 1	0	0	0	0
hugin-RG left 2	0	0	0	0
hugin-VNC right 1	0	0	0	0
hugin-VNC right 2	0	1	0	0
hugin-VNC left 1	0	0	0	0
hugin-VNC left 2	0	0	0	0
hugin-PH right 1	0	0	0	0
hugin-PH right 2	0	0	0	0
hugin-PH left 1	0	0	0	0
hugin-PH left 2	0	0	0	0

38.



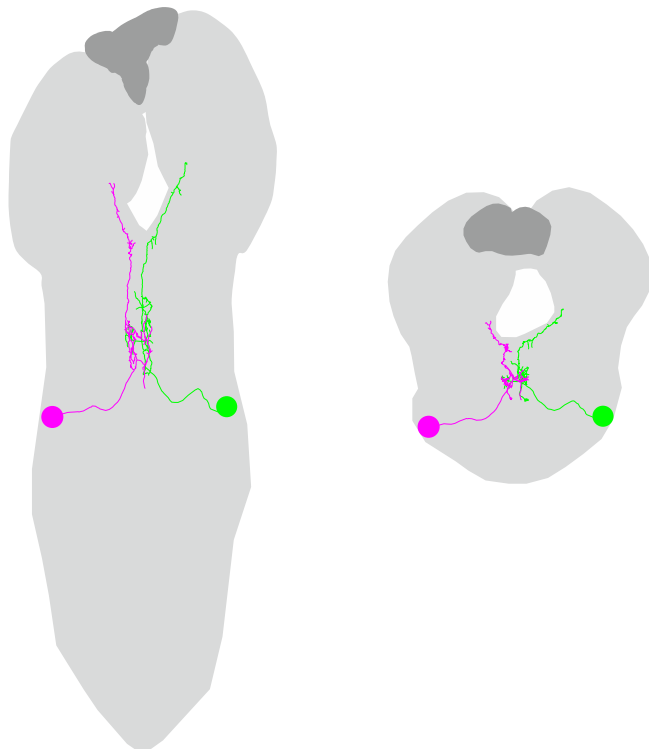
	synapses to		synapses from	
hugin-PC right 1	0	0	0	0
hugin-PC right 2	0	0	0	0
hugin-PC right 3	0	0	0	0
hugin-PC right 4	0	0	0	0
hugin-PC left 1	0	0	0	0
hugin-PC left 2	0	0	0	0
hugin-PC left 3	0	0	0	0
hugin-PC left 4	0	0	0	0
hugin-RG right 1	0	0	0	0
hugin-RG right 2	0	0	0	0
hugin-RG left 1	0	0	0	0
hugin-RG left 2	0	0	0	0
hugin-VNC right 1	0	0	5	0
hugin-VNC right 2	0	0	1	0
hugin-VNC left 1	0	0	0	6
hugin-VNC left 2	0	0	0	4
hugin-PH right 1	0	0	0	0
hugin-PH right 2	0	0	0	0
hugin-PH left 1	0	0	0	0
hugin-PH left 2	0	0	0	0

39.



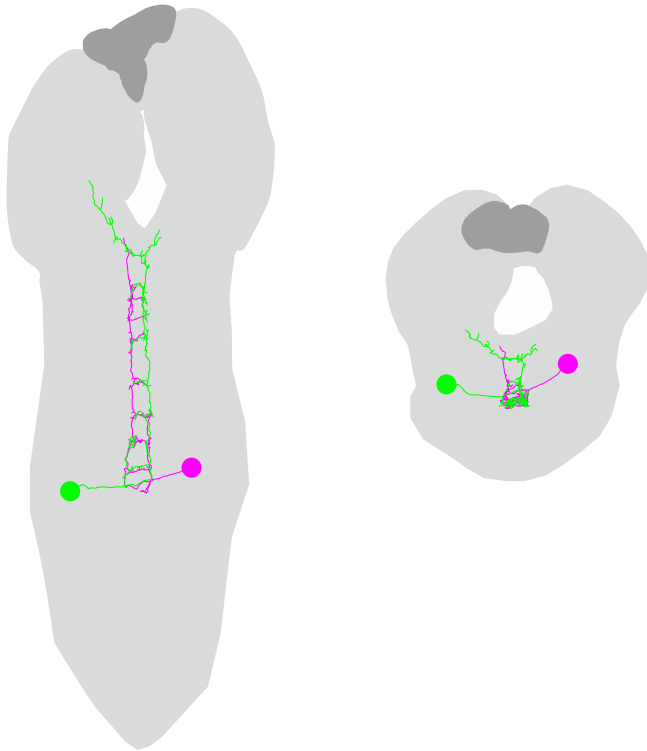
	synapses to		synapses from	
hugin-PC right 1	0	0	0	0
hugin-PC right 2	0	0	0	0
hugin-PC right 3	0	0	0	0
hugin-PC right 4	0	0	0	0
hugin-PC left 1	0	0	0	0
hugin-PC left 2	0	0	0	0
hugin-PC left 3	0	0	0	0
hugin-PC left 4	0	0	0	0
hugin-RG right 1	0	0	0	0
hugin-RG right 2	0	0	0	0
hugin-RG left 1	0	0	0	0
hugin-RG left 2	0	0	0	0
hugin-VNC right 1	0	0	7	0
hugin-VNC right 2	0	0	0	0
hugin-VNC left 1	0	0	0	2
hugin-VNC left 2	0	0	0	1
hugin-PH right 1	0	0	0	0
hugin-PH right 2	0	0	0	0
hugin-PH left 1	0	0	0	0
hugin-PH left 2	0	0	0	0

40.



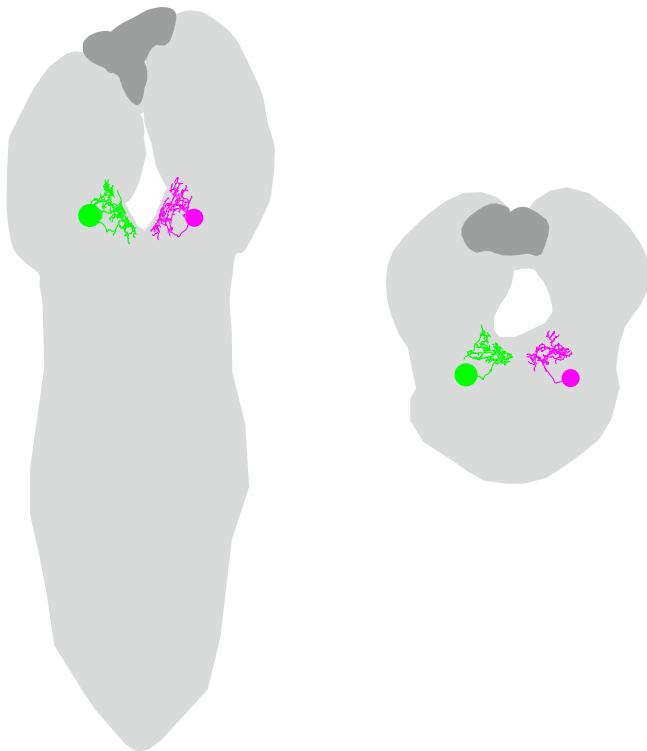
	synapses to		synapses from	
hugin-PC right 1	0	0	0	0
hugin-PC right 2	0	0	0	0
hugin-PC right 3	0	0	0	0
hugin-PC right 4	0	0	0	0
hugin-PC left 1	0	0	0	0
hugin-PC left 2	0	0	0	0
hugin-PC left 3	0	1	0	0
hugin-PC left 4	0	0	0	0
hugin-RG right 1	12	4	0	0
hugin-RG right 2	15	6	0	0
hugin-RG left 1	6	9	0	0
hugin-RG left 2	6	14	0	0
hugin-VNC right 1	0	0	0	0
hugin-VNC right 2	0	1	0	0
hugin-VNC left 1	0	0	0	0
hugin-VNC left 2	0	0	0	0
hugin-PH right 1	0	1	0	0
hugin-PH right 2	0	1	0	0
hugin-PH left 1	0	0	0	0
hugin-PH left 2	0	0	0	0

41.



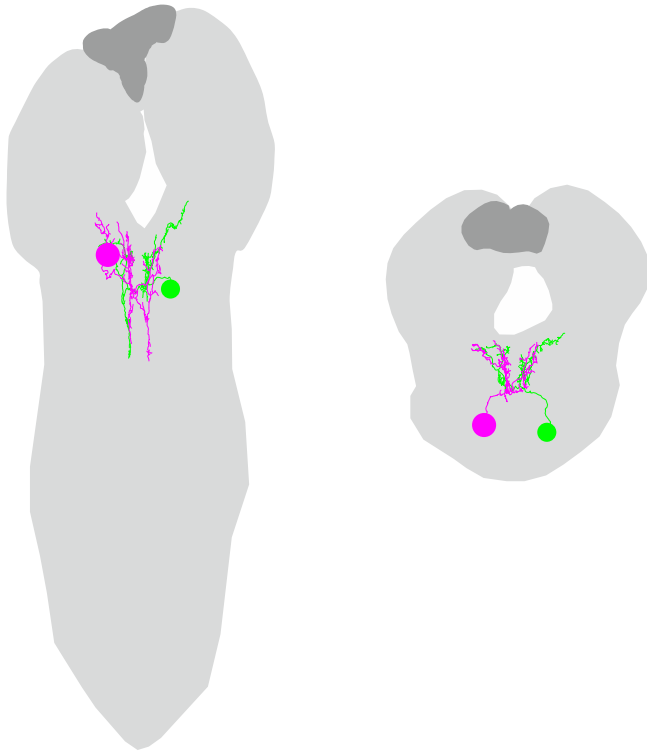
	synapses to		synapses from	
hugin-PC right 1	0	0	0	0
hugin-PC right 2	0	0	0	0
hugin-PC right 3	0	0	0	0
hugin-PC right 4	0	0	0	0
hugin-PC left 1	0	0	0	0
hugin-PC left 2	0	0	0	0
hugin-PC left 3	0	0	0	0
hugin-PC left 4	0	0	0	0
hugin-RG right 1	0	0	0	0
hugin-RG right 2	0	0	0	0
hugin-RG left 1	0	0	0	0
hugin-RG left 2	0	0	0	0
hugin-VNC right 1	0	0	0	0
hugin-VNC right 2	0	0	0	0
hugin-VNC left 1	0	0	0	0
hugin-VNC left 2	0	0	0	0
hugin-PH right 1	3	0	0	0
hugin-PH right 2	0	0	0	0
hugin-PH left 1	2	0	0	0
hugin-PH left 2	0	2	0	0

42.



	synapses to		synapses from	
hugin-PC right 1	0	0	0	0
hugin-PC right 2	0	2	0	0
hugin-PC right 3	0	1	0	0
hugin-PC right 4	0	0	0	0
hugin-PC left 1	5	0	2	0
hugin-PC left 2	1	0	1	0
hugin-PC left 3	0	0	1	0
hugin-PC left 4	1	0	1	0
hugin-RG right 1	0	0	0	0
hugin-RG right 2	0	0	0	0
hugin-RG left 1	0	0	0	0
hugin-RG left 2	0	0	0	0
hugin-VNC right 1	0	0	0	0
hugin-VNC right 2	0	0	0	0
hugin-VNC left 1	0	0	0	0
hugin-VNC left 2	0	0	0	0
hugin-PH right 1	0	0	0	0
hugin-PH right 2	0	0	0	0
hugin-PH left 1	0	0	0	0
hugin-PH left 2	0	0	0	0

43.



	synapses to		synapses from	
hugin-PC right 1	0	0	0	0
hugin-PC right 2	0	0	0	0
hugin-PC right 3	0	0	0	0
hugin-PC right 4	0	0	0	0
hugin-PC left 1	0	0	0	0
hugin-PC left 2	0	0	0	0
hugin-PC left 3	0	0	0	0
hugin-PC left 4	0	0	0	0
hugin-RG right 1	0	0	0	0
hugin-RG right 2	0	0	0	0
hugin-RG left 1	0	0	0	0
hugin-RG left 2	0	0	0	0
hugin-VNC right 1	0	0	0	0
hugin-VNC right 2	0	0	0	0
hugin-VNC left 1	0	0	0	0
hugin-VNC left 2	0	0	0	0
hugin-PH right 1	10	0	0	0
hugin-PH right 2	7	4	0	0
hugin-PH left 1	3	3	0	0
hugin-PH left 2	3	4	0	0

K Unpaired medial interneurons

1.

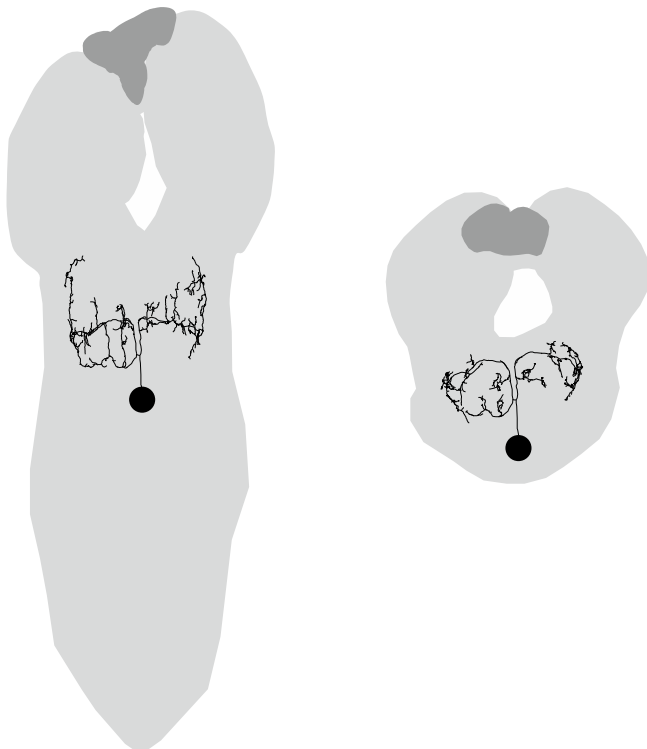


synapses to

synapses from

hugin-PC right 1	0	0
hugin-PC right 2	0	0
hugin-PC right 3	0	0
hugin-PC right 4	0	0
hugin-PC left 1	0	0
hugin-PC left 2	0	0
hugin-PC left 3	0	0
hugin-PC left 4	0	0
hugin-RG right 1	0	0
hugin-RG right 2	0	0
hugin-RG left 1	0	0
hugin-RG left 2	0	0
hugin-VNC right 1	0	5
hugin-VNC right 2	0	4
hugin-VNC left 1	0	2
hugin-VNC left 2	0	3
hugin-PH right 1	0	0
hugin-PH right 2	0	0
hugin-PH left 1	0	0
hugin-PH left 2	0	0

2.



synapses to

synapses from

hugin-PC right 1	0	0
hugin-PC right 2	0	0
hugin-PC right 3	0	0
hugin-PC right 4	0	0
hugin-PC left 1	0	0
hugin-PC left 2	0	0
hugin-PC left 3	0	0
hugin-PC left 4	0	0
hugin-RG right 1	0	0
hugin-RG right 2	0	0
hugin-RG left 1	0	0
hugin-RG left 2	0	0
hugin-VNC right 1	0	4
hugin-VNC right 2	0	3
hugin-VNC left 1	0	2
hugin-VNC left 2	0	3
hugin-PH right 1	0	0
hugin-PH right 2	0	0
hugin-PH left 1	0	0
hugin-PH left 2	0	0