

Table S4. Distribution of genes with restricted spatial expression in different anatomical structures.

Structure	Structure-specific genes (n)	Genes with unknown function (n)
Central nervous system		
<i>Forebrain</i>		
Cerebral cortex	20	4
Corpus striatum	1	
Thalamus	5	-
Hypothalamus	3	1
<i>Midbrain</i>	<i>11</i>	3
<i>Hindbrain</i>		
Cerebellum	7	1
Pons	6	1
Medulla oblongata	10	3
Spinal cord	18	6
Cranial ganglia	25	6
Peripheral nervous system		
Spinal ganglia	14	4
Sympathetic ganglia	4	-
Alimentary system		
Salivary glands	39	10
Pharynx	5	2
Esophagus	3	1
Stomach	8	3
Intestine	17	3
Liver	146	15
Respiratory system		
Trachea	1	-
Lung	20	7
Heart		
	41	7

Limbs	11	1
Skeleton	45	6
Skeletal muscle	20	4
Skin	32	3
Hemolymphoid system		
Thymus	127	21
Spleen	2	-
Urinary system		
Kidney	29	7
Bladder	2	-
Reproductive system		
Male	23	2
Female	3	1
Sensory organs		
Ear	12	3
Eye	19	3
Nose	226	33
Endocrine organs		
Thyroid	4	-
Adrenal gland	24	7
Pituitary	5	-