

Table S3 Summary of the chromosomal distribution of tissue-specific genes in each tissue.

Chromosome No.	1(Z)	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	
antenna	0	0	0	0	0	0	0	0	0	0	3	1	1	0	0	3	0	1	6	0	0	0	0	0	0	0	1	0	1
brain	5	0	4	0	2	4	1	1	1	0	1	4	0	2	0	1	1	0	0	2	0	1	2	1	1	1	0	0	0
compound eyes	0	0	0	2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0
corpora allata	5	2	2	2	2	2	3	1	1	3	3	3	1	0	1	2	1	1	4	0	1	3	4	2	0	1	0	0	
maxillary galea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
wing	1	0	1	3	1	2	2	1	0	0	2	1	0	2	2	1	1	7	3	1	3	10	6	2	2	7	1	2	
wing disc	5	3	1	3	1	1	2	0	1	3	5	2	0	1	2	3	0	1	2	2	1	1	1	4	3	0	0	4	
testis	57	15	17	28	44	22	28	23	28	25	22	19	45	21	29	18	28	25	28	12	25	23	28	23	28	20	11	9	
ovary	0	33	0	0	0	1	0	0	1	4	0	2	0	0	10	6	0	0	3	1	0	0	3	1	0	1	0	1	
midgut	2	3	4	8	11	5	4	2	10	4	8	7	8	6	10	12	3	8	16	12	10	2	6	3	5	4	0	1	
malpighian tubule	1	1	4	0	1	6	1	5	2	4	2	0	2	1	1	1	2	0	0	1	2	3	1	1	1	0	3	0	
pheromone gland	0	0	1	0	0	0	0	0	0	0	1	2	0	0	1	0	0	2	1	0	0	2	2	0	0	0	0	0	
silk gland	0	1	0	0	2	1	1	0	0	1	4	1	0	0	0	0	0	1	0	0	0	0	1	1	3	0	0	0	
fat body	0	0	0	0	2	1	0	1	0	0	0	0	1	0	0	0	0	0	0	3	0	0	1	0	1	1	0	2	
epidermis	0	0	0	0	3	1	1	1	0	0	2	0	0	0	0	0	0	4	0	0	0	5	1	1	0	1	0	0	
Verson's gland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
prothoracic gland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
embryo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
cell	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

In silkworm, chromosome 1 is assigned to sex chromosome Z.