

**Supplementary information, Table S8** Functional enrichment categories of PSGs detected by XP-EHH

<b>Term</b>	<b>Term ID</b>	<b>P-value</b>	<b>Gene number</b>	<b>Description</b>
BP	GO:0007218	0.05	6	neuropeptide signaling pathway
hp	HP:0000707	0.05	31	Abnormality of the nervous system
hp	HP:0002011	0.0487	30	Abnormality of the central nervous system
hp	HP:0000608	0.0429	3	Macular degeneration
hp	HP:0004298	0.0238	9	Abnormality of the abdominal wall
hp	HP:0001551	0.0456	6	Abnormality of the umbilicus
hp	HP:0100656	0.028	8	Thoracoabdominal wall defects
hp	HP:0010866	0.028	8	Abdominal wall defect
hp	HP:0004299	0.026	8	Hernia of the abdominal wall
hp	HP:0001537	0.0397	6	Umbilical hernia
hp	HP:0100543	0.0222	25	Cognitive impairment
ke	KEGG:04144	0.05	6	Endocytosis