

**Supplementary information, Table S9** Functional enrichment categories of PSGs detected by  $F_{ST}$

<b>Term</b>	<b>term ID</b>	<b>P-value</b>	<b>Gene number</b>	<b>Description</b>
MF	GO:0004767	5.00E-02	3	sphingomyelin phosphodiesterase activity
hp	HP:0011282	5.00E-02	15	Abnormality of the hindbrain
hp	HP:0011283	5.00E-02	15	Abnormality of the metencephalon
hp	HP:0001317	5.00E-02	15	Abnormality of the cerebellum
ke	KEGG:04260	1.51E-02	2	Cardiac muscle contraction
ke	KEGG:00600	1.40E-02	2	Sphingolipid metabolism
ke	KEGG:04060	3.13E-02	3	Cytokine-cytokine receptor interaction
ke	KEGG:04144	3.90E-02	3	Endocytosis
ke	KEGG:00510	1.34E-02	2	N-Glycan biosynthesis
ke	KEGG:04080	1.67E-02	5	Neuroactive ligand-receptor interaction