

**Supplementary Table S2.** Summary of proteomic studies related to stress in porcine.

Condition	Sample	Technique	Main identified proteins	References
Space allowance	Serum	DIGE MALDI-TOF	$\beta$ -actin	33
Individual confinement	Serum	DIGE MALDI-TOF	Acute phase proteins Lipid metabolism, Oxidative stress	34
Individual confinement	Serum	iTRAQ	Immune system, Lipid metabolism, Oxidative stress Cellular/tissue damage	34
Ryr1 mutation	Semimembranosus muscle	2DE	GAPDH Oxidative metabolism Repair capacities HSP72 HSP27	36
Acute stress	Saliva	2DE LC-MS/MS	Albumin Odorant-binding protein	38