

**Supplementary Table S4.** Proteomic studies and stress in poultry

<b>Condition</b>	<b>Sample</b>	<b>Technique</b>	<b>Main identified proteins</b>	<b>Ref</b>
Effect of restraint in chickens	Skeletal muscle	2DE	25 different proteins, majority involved in the glycolytic pathway and cell structure roles	73
Heat stress in ducks (Peking and Muscovy)	Liver	2DE	Heat shock protein (HSP) 70, HSP10, $\alpha$ -enolase and S-adenosylmethionine synthase	74
Acute heat stress in male roosters	Testis	2DE - DIGE	Glutathione S-transferase, transgelin, DJ-1, HSP, Chaperonins, Proteasome subunits	75
Steatosis in ducks (foie gras production)	Liver	2DE	Eukariotic initiation factor, Tubulin $\beta$ chain, DJ-1, Fatty Acid synthase, Annexin, Regucalcin, sulfotransferase	78