

Supplemental data : Composition of High Fat Diet (CLEA)

Moister	(%)	6.9
Protein	(%)	25
Fat	(%)	32.4
Fiber	(%)	2.9
Ash	(%)	4
Nitrogen free extract	(%)	28.8
Energy	(kcal/100g)	506.8
Fat-derived energy	(%)	57.5
Protein-derived energy	(%)	19.7

**Aryl hydrocarbon receptor plays protective roles against HFD-induced hepatic steatosis and the subsequent lipotoxicity via direct transcriptional regulation of *Socs3* expression.**

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