# Transcriptome analyses reveal reduced hepatic lipid synthesis and accumulation in more feed efficient beef cattle

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### S5- Enriched molecular and cellular functions

# Analysis: AN

AN



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Supplementary Figure 1. Enriched molecular and cellular functions for Angus

#### Analysis: CH

CH



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## Supplementary Figure 2. Enriched molecular and cellular functions for Charolais

#### Analysis: K C

КС

	-log(p-value)											
	0	1	Threshold	3	4	5	6	7	8	9	10	11
Amino Acid Metabolism												
Gradi Malaarda Diaabaariatuu												
Small Molecule Biochemistry				-						1		
Cell Death and Survival												
Lipid Metabolism												
Molecular Transport		ļ										
Vitamin and Mineral Metabolism												
Cell Morphology												
Carbohydrate Metabolism												
Cellular Development												
Cellular Growth and Proliferation												
Energy Production												
Nucleic Acid Metabolism												
Cell Cycle												
Cellular Assembly and Organization												
Cellular Compromise												
Gene Expression												
Cellular Movement												
Cell-To-Cell Signaling and Interaction												
Cellular Function and Maintenance												
Protein Synthesis												
Post-Translational Modification												
DNA Replication, Recombination, and Repair												
Drug Metabolism												
Free Radical Scavenging												
Cellular Response to Therapeutics		1										
Protein Trafficking												
Cell Signaling												

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Supplementary Figure 3. Enriched molecular and cellular functions for KC