

## SUPPLEMENTARY TABLES

**Supplementary Table 1. List of top ten protein details in FEYE components.**

UniProt Entry	Gene name	Blast Description Annotation	Peptides	KEGG
F1NFL6	VTG2	vitellogenin-2-like	978	gga:424533
P87498	VTG1	vitellogenin-1-like	812	gga:424547
F1NV02	APOB	apolipo B-100	569	gga:396535
Q98UI9	MUC5B	mucin-5B	334	gga:395381
P02789	TFEW	ovalbumin	205	gga:396241
A0A1D5NW68	ALB	serum albumin	139	gga:396197
P01012	SERPINB14	ovalbumin	102	gga:396058
A0A1D5P2X2	A2ML1	alpha-2-macroglobulin 1	97	gga:418254
A0A1D5P9F9	C3;C3d	complement C3	86	gga:396370
F1NK40	A2ML4	alpha-2-macroglobulin 1	50	gga:100858010

**Supplementary Table 2. The sequences of primers.**

Primer Name	Primer Sequence 5'→3'	Temperature/°C
MSTN	F: CAGACCCGTC AAGACTCCTAC R: CTGCCAAATACCAGTGCCT	55
MyoD	F: GAATGGCTACGACACCGCCTACTAC R: ACGGGGTCTGGGTTCCTGTT	55
MuRF-1	F: TGATTCCTGATGGAAACGCT R: TCATTGGTGT TCTTCTTAC CCTC	60
Atrogin-1	F: TAGCATCGGTATGACTAAGT R: AGTCATATGGCAAGCATAAC	55
PGC1- $\alpha$	F: AGTAAGCACACGTTTATTCACGG R: GTCGCCCTTGTTCTGTTCTGT	58
FNDC5	F: TAGGCTGCGTCTGCTTCG R: TGTCCTCCTCCAGGTCCCA	60
MYOG	F: AATGCACTGGAGTTCGGTCC R: AGTTGGGCATGGTTTCGTCT	60
$\beta$ -actin	F: TTGCTGACAGGATGCAGAAG R: ACATCTGCTGGAAGGTGGAC	60