

Supplementary Material

Table S1 Primer sequences for qPCR

Gene	GenBank No.	Primer sequences (5'-3')
<i>ACAA2</i>	NM_177470.3	CTGCTGCAAAGTTCCACCTG CAGAGCCTGTTGAGGGTAAGG
<i>ACADS</i>	NM_007383.3	CGTGACTTTGCCGAGAAGGAGT CAGCTCCTCTGGCACATCCAT
<i>ACSF3</i>	NM_144932.4	CACTTCCGATGGCTGGTTCAGA GCGCTGACTTTATAGCCTCCAG
<i>ALDH3A2</i>	NM_007437.6	GATCTTGGCTGAACTCCTCCCT GAATGTGGTCAAACCGCTGCTT
<i>HADH</i>	NM_008212.4	CCAGAGGCTGGACAAGTTCG GCCAGCAAATCGGTCTTGTCTG
<i>HMGCL</i>	NM_008254.4	GCACTTTGCCAAAGCAGGTGAAG CGGAAAGCATGTGCGATCAGCCT
<i>GAPDH</i>	GU214026.1	GAAGGTCGGTGTGAACGGATTTG CATGTAGACCATGTAGTTGAGGTC

Table S2 Compositional analysis of TFs

Compounds	Content (mg/g)
TF	47.2±1.44
TF3G	54.8±1.03
TF3'G	60.2±1.24
TFDG	150.8±12.10

Values data were expressed as mean ± standard deviation

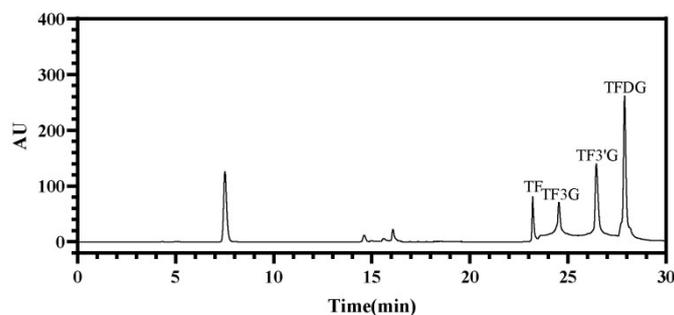
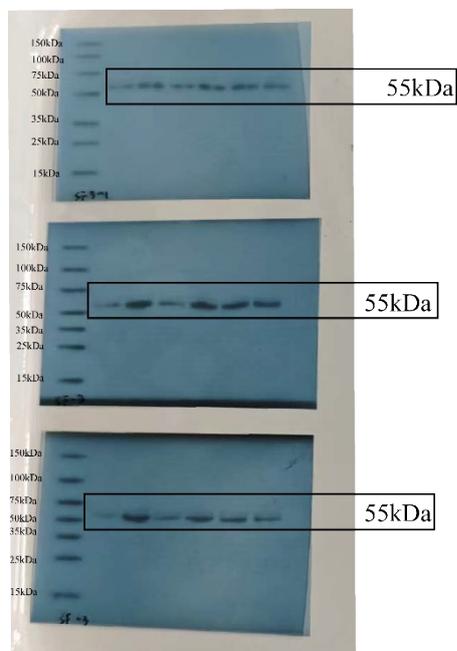


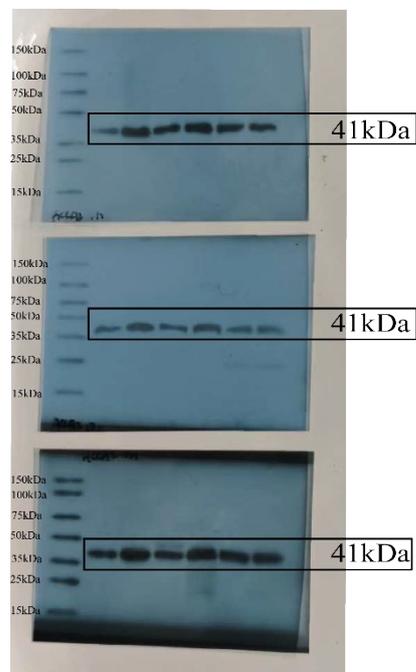
Figure S1 HPLC chromatograms of TFs

Number	1	2	3	4	5	6
Group	NC	HFD	PC	TFL	TFM	TFH

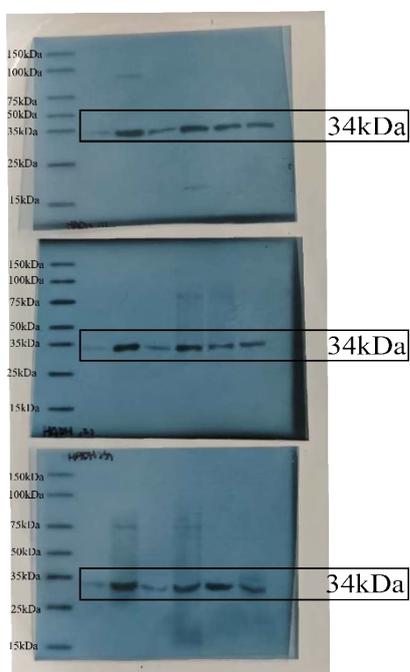
ACSF3



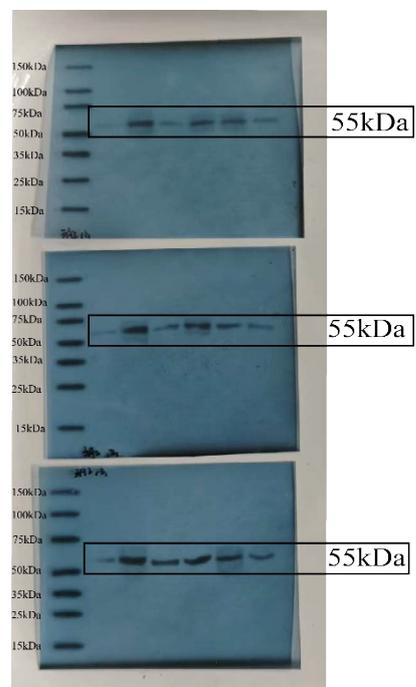
ACAA2



HADH



ALDH3A2



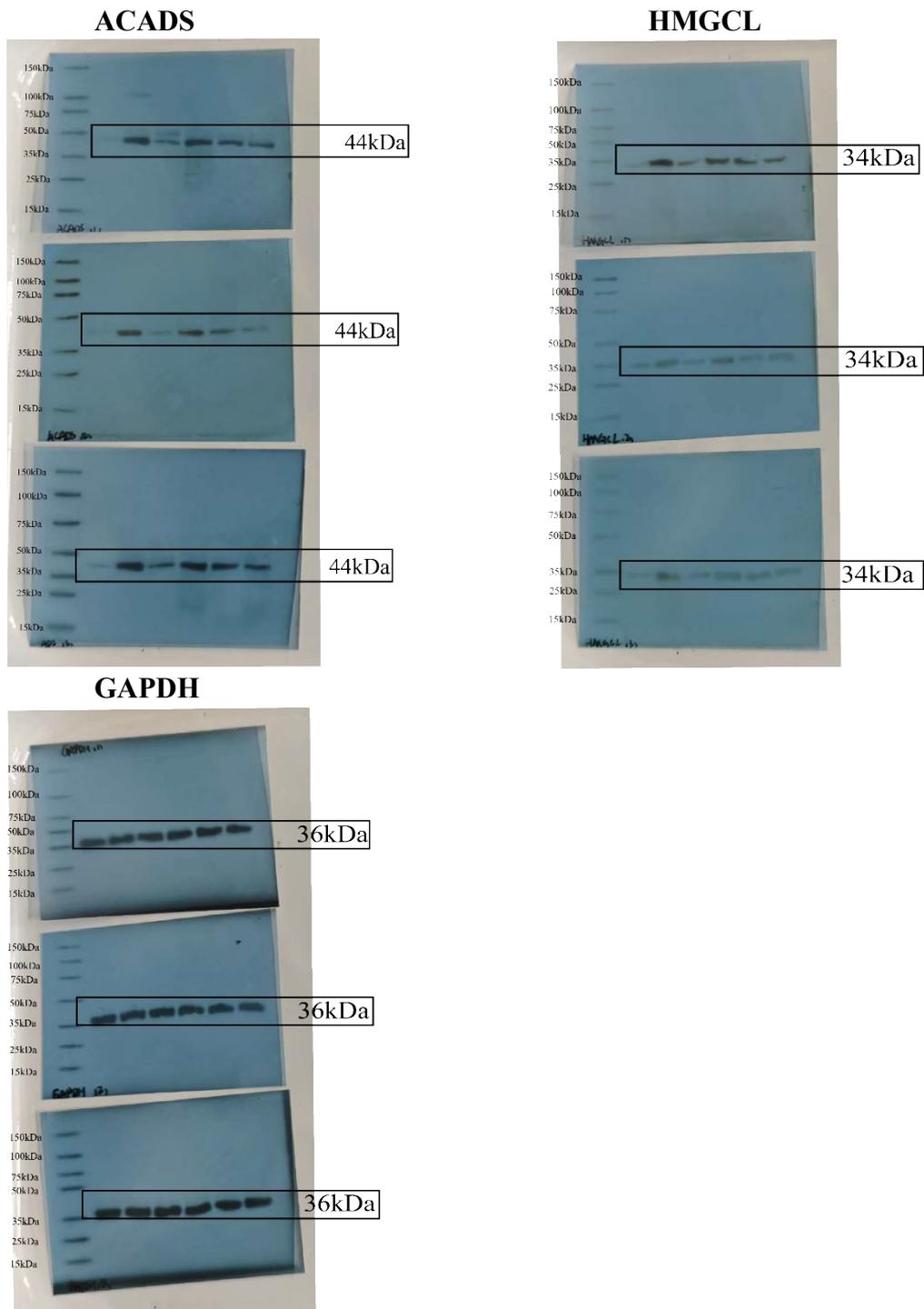


Figure S2 Raw images of western blot in Figure 4