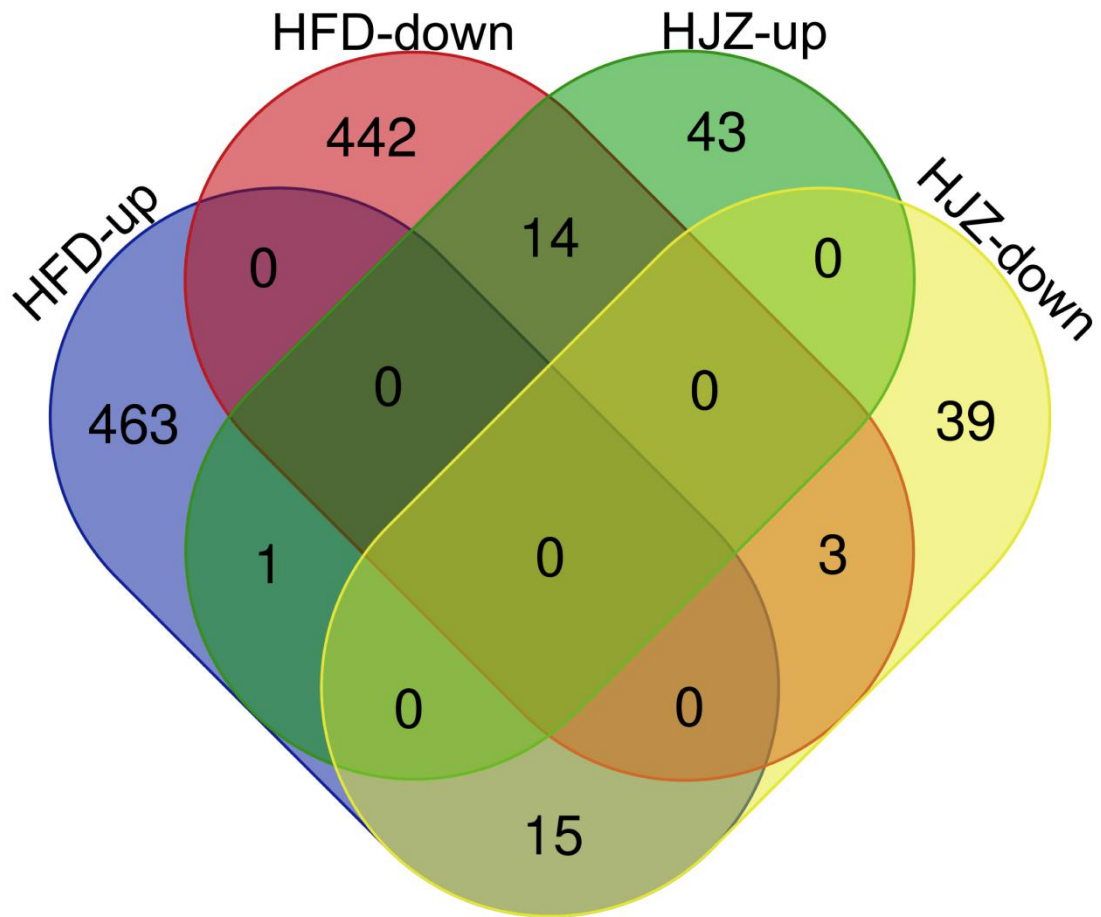


Supplementary materials



Supplementary figure 1. Venn diagrams showing the number of up- and down-regulated genes among NCD, HFD and HJZ group.

Supplementary Table 1 The primer sequences for RT-PCR

<b>Gene Symbol</b>	<b>Forward Primer</b>	<b>Reverse Primer</b>
GAPDH	GTGTTCTACCCCAATGTGT	ATTGTCATACCAGGAAATGAGCTT
Scd1	TCCTCCTTGGATTGTGTAGAACTT	AATGTCAGAAGAAATCAGGTGGGTA
PPAR $\gamma$	GAAAGACAACGGACAAATCACCAT	CGGCTTCTACGGATCGAAACTG
Adrb3	CCTTGGGCGAAACTGGTTG	GTTGGTGACAGCTAGGTAGCG
Lipe	TGGCACACCATTTTGACCTG	TTGCGGTTAGAAGCCACATAG
Pnpla2	GGATGGCGGCATTTTCAGACA	CAAAGGGTTGGGTTGGTTCAG
Cpt2	CAAAGACTCATCCGCTTTGTTC	CATCACGACTGGGTTTGGGTA
Acox1	TAACTTCCTCACTCGAAGCCA	AGTTCCATGACCCATCTCTGTC
Ppargc1 $\alpha$	TATGGAGTGACATAGAGTGTGCT	CCACTTCAATCCACCCAGAAAG
PPAR $\alpha$	TACTGCCGTTTTCAAGTGC	AGGTCGTGTTACAGGTAAGA
Fabp5	GGAAGGAGAGCACGATAACAAGA	GGTGGCATTGTTTCATGACACA
Occludin	GTGGTTTGACACTGACTTCCC	CTCCTCTCGGTGACAGAGTCT
ZO-1	TTTTTGACAGGGGGAGTGG	TGCTGCAGAGGTCAAAGTTCAAG
Muc5	GTGGTTTGACACTGACTTCCC	CTCCTCTCGGTGACAGAGTCT
CD14	GAGTTGTGACTGGCCCAGTCAGC	GCAAAGCCAGAGTTCCTGAC
TLR2	AAGATGCGCTTCTGAATTTG	TCCAGCGTCTGAGGAATGC
TLR4	TGTTCTTCTCCTGCCTGACA	CATCAGGGACTTTGCTGAGTT
NLRC4	CGGCCTGCAACCTCTTTCTT	TGGGCCAAAACATTCAGGTCT
MCP-1	ATCCCAATGAGTAGGCTGGAGAGC	CAGAAGTGCTTGAGGTGGTTGTG