

Supplementary Table 3. Genes accompanied by insulin resistance and inhibited insulin response Signaling pathway in HFD group.

Accession Number	Gene Symbol	Fold Change	Gene Feature
NM_010570	<i>Irs1</i>	-1.511042	Down
NM_010513	<i>Igf1r</i>	-1.148039	Down
NM_010512	<i>Igf1</i>	-1.020113	Up
NM_011400	<i>Slc2a1</i>	1.110382	Up
NM_009204	<i>Slc2a4</i>	1.157821	Up
NM_008341	<i>Igfbp1</i>	1.029971	Up
NM_153526	<i>Insig1</i>	1.276597	Up
NM_011952	<i>Mapk3</i>	-1.145019	Down
NM_001286718	<i>Tsc2</i>	-1.183652	Down
NM_031868	<i>Ppp1ca</i>	-1.29388	Down
NM_001081212	<i>Irs2</i>	-1.167073	Down
NM_007619	<i>Cbl</i>	-1.206653	Down
NM_001135559	<i>Sos2</i>	-1.29442	Down
NM_011785	<i>Akt3</i>	-1.241851	Down
NM_175935	<i>G6pc3</i>	-1.205068	Down
NM_027416	<i>Calml3</i>	1.450676	Up
NM_021462	<i>Mknk2</i>	1.206144	Up
NM_011158	<i>Prkar2b</i>	1.997688	Up
NM_010548	<i>Il10</i>	1.006829	Up
NM_146141	<i>Ppa2</i>	1.085743	Up
NM_009399	<i>Tnfrsf11a</i>	1.134187	Up
NM_213659	<i>Stat3</i>	1.009866	Up
NM_011101	<i>Prkca</i>	1.08776	Up
NM_021297	<i>Tlr4</i>	1.1847	Up