

Table S1: Sequences of the primers used in SYBR green assays and references of the probes used in TaqMan assays.

Primers	Forward	Reverse
<i>B2m</i>	ACTGATACATACGCCTGCAGAGTT	TCACATGTCTCGATCCCAGTAGA
<i>M36b4</i>	AGATGCAGCAGATCCGCAT	GTTCTTGCCCATCAGCACC
<i>Sod</i>	AGCTCATCTCAGAGCTCGTCCG	AGCTCATCTCAGAGCTCGTCCG
<i>Cat</i>	GTCACCTCAGGTGCGGACATT	CAGGGTGGACGTCAGTGAAA
<i>Gsr</i>	CAGTTGGCATGTCATCAAGCA	CGAATGTTGCATAGCCGTGG
<i>Kim-1</i>	CTGCTGCTACTGCTCCTTGT	GGAAGGCAACCACGCTTAGA
<i>Fibronectin</i>	GGAACCAGCAGAGTCCCAA	ACACCCAGCTTGAAGCCAAT
<i>Chrebpa</i>	CGACACTCACCCACCTCTTC	TTGTTCAGCCGGATCTTGTC
<i>Chrebpb</i>	TCTGCAGATCGGTGGAG	CTTGTCCCGGCATAGCAAC
<i>Glut1</i>	GCTTCCTGCTCATCAATCGTAAC	CATCGGCTGTCCCTCGAA
<i>Txnip</i>	GTCAGTGTCCCTGGCTCCAAGA	AGCTCATCTCAGAGCTCGTCCG
<i>Opn</i>	TTCTCCTGGCTGAATTCTGAGG	AATCAGTCACTTTCACCGGG
<i>Tgfb</i>	ACGTCACCTGGAGTTGTACGG	GGGCTGATCCCGTTGATTTC
<i>Nrf2</i>	CAGTGGATCCGCCAGCTAC	GGCAAGCGACTCATGGTCATC
<i>Lcn2</i>	GGACCAGGGCTGTCGCTACT	GGTGGCCACTTGCACATTGT
<i>Adiponectin</i>	CAGTGGATCTGACGACACCAA	TGGGCAGGATTAAGAGGAACA

Figure S1: GTT curves showing plasma glucose levels after i.p. administration of glucose (1.5 g/kg b.w) in Chow diet, HFD and HFD + Pol fed mice after 7, 14 and 20 weeks of polyphenol-supplementation. Data are presented as the mean \pm SEM. # $p < 0.05$; ## $p < 0.01$; ### $p < 0.001$ versus Chow diet-fed animals; * $p < 0.05$; ** $p < 0.01$ versus HFD-fed animals (n=8-11/group).

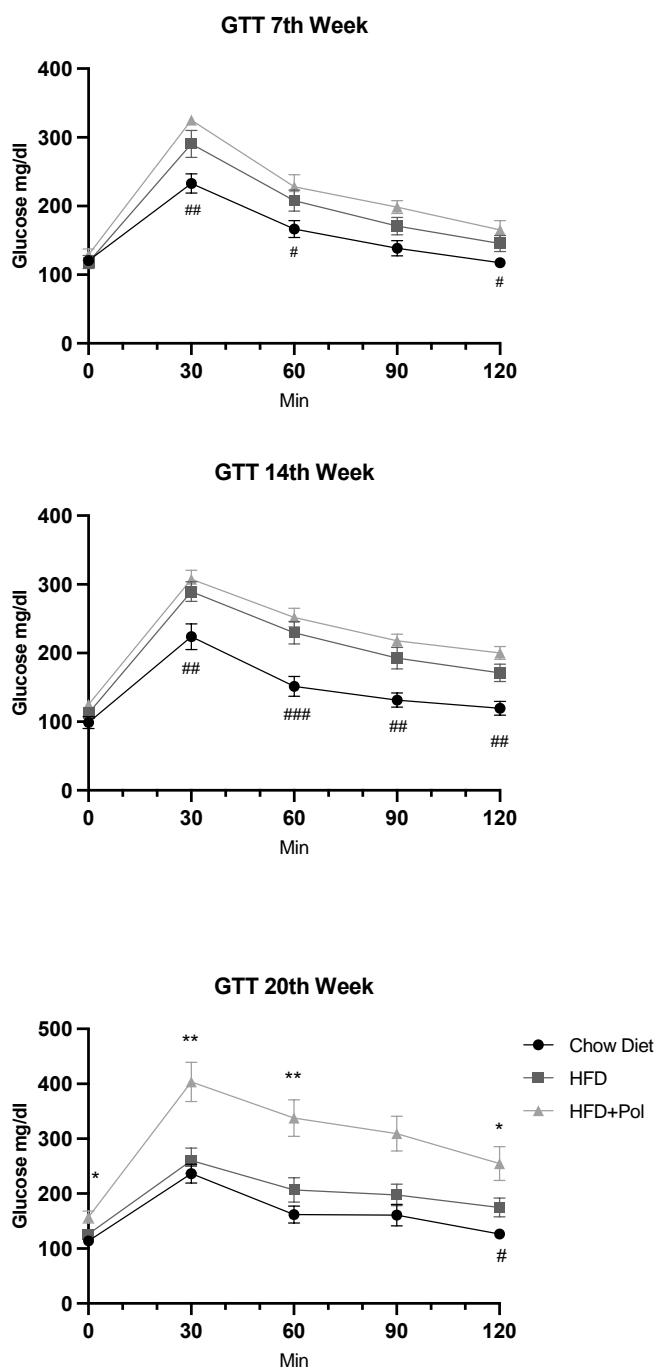


Figure S2: ITT curves showing plasma glucose levels after i.p. administration of insulin (0.5 UI/kg b.w) in Chow diet, HFD and HFD + Pol fed mice after 8, 15 and 21 weeks of polyphenol-supplementation. Data are presented as the mean \pm SEM. # $p < 0.05$; ## $p < 0.01$ versus Chow diet-fed animals; * $p < 0.05$ versus HFD-fed animals (n=8-11/group).

