

Supplementary Table S1

Protective Effect of Hawthorn Fruits Extract against High Fructose-Induced Oxidative Stress and Endoplasmic Reticulum Stress in Pancreatic β -cells

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Table S1. Primers for real-time PCR analyses.

Name (Accession No.)	Sequence (5' to 3')	Product Length (bp)
<i>GRP78</i> (NM_013083.2)	F: AGAAACTCCGGCGTGAGGTAGA R: TTTCTGGACAGGTTTCATGGTAG	176
<i>ATF6</i> (NM_001107196.1)	F: GGGAGTGAGCTGCAGGTGTA R: TTATGGGTGGTAGCTGGTAA	137
<i>PERK</i> (NM_019356.1)	F: GCTTGCTATGGTTACGAAGGC R: CATCACATACCTGGGTGGAG	120
<i>IRE1α</i> (NM_001191926.1)	F: CGAGCCATGAGGAATAAGAG R: GGAAACGTGATGTGAAGTAG	109
<i>CHOP(GADD153)</i> (NM_024134.2)	F: AGCTGGAAGCCTGGTATGAGGA R: AGCTAGGGATGCAGGGTCAA	134
<i>actin</i> (NM_007392)	F: TCTCCACCTTCCAGCAGATGT R: AGCTCAGTAACAGTCCGCCTAGA	100

F: Forward, R: Reverse

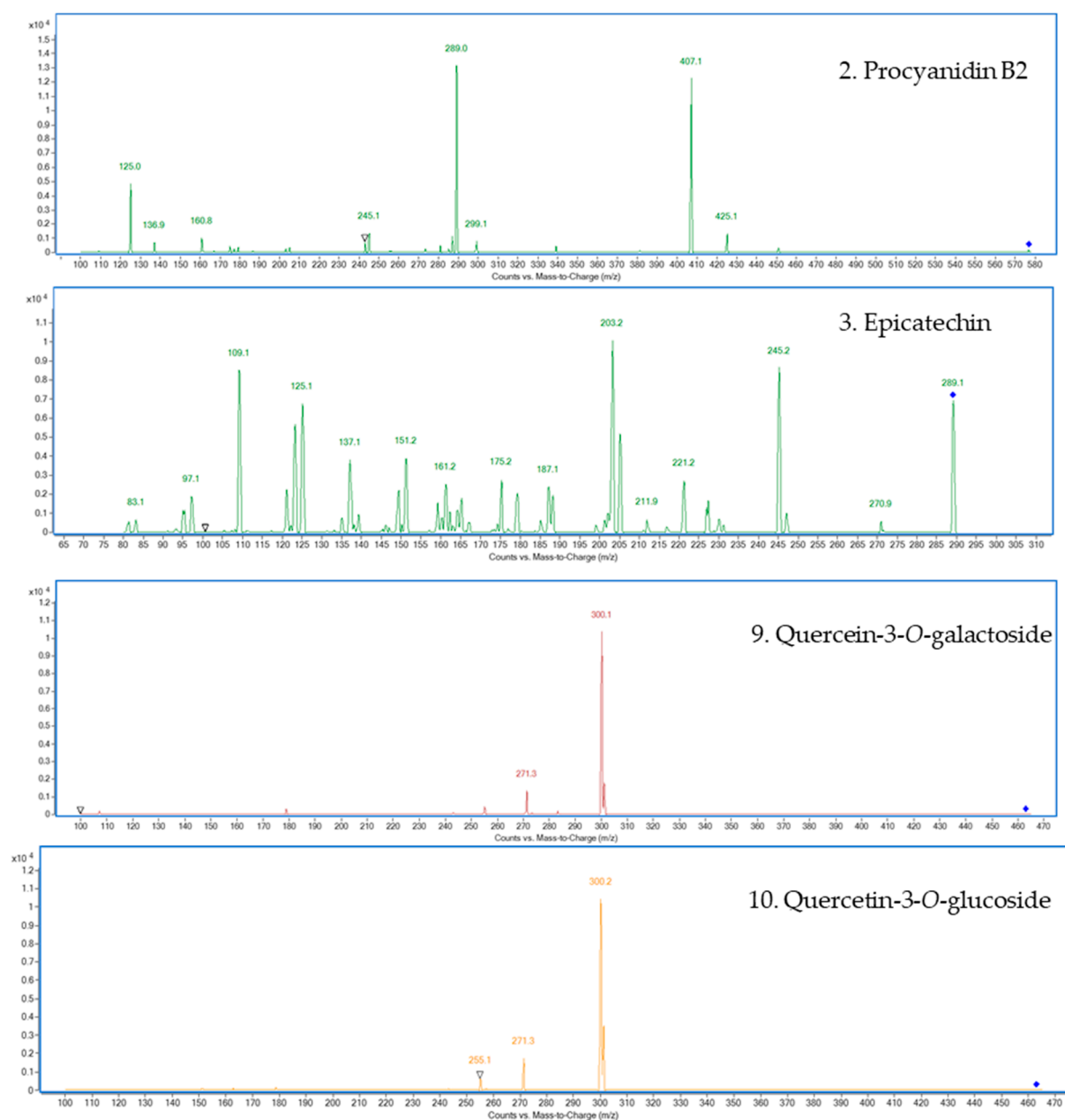


Figure S1. The ESI(-)-MS/MS spectra of the four authentic standards. Numbers are referred to Table 3.