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Supplementary information

**Hydroxylamine enhances glucose uptake in C2C12
skeletal muscle cells through the activation of
insulin receptor substrate 1**

Taro Kimura,[†] Eisuke Kato,^{*†} Tsukasa Machikawa,[†] Shunsuke Kimura,[†]
Shinji Katayama,[‡] and Jun Kawabata[†]

[†]Laboratory of Food Biochemistry, Division of Applied Bioscience, Graduate School of
Agriculture and [‡]Laboratory of Food Biochemistry, Department of Bioscience and
Chemistry, Faculty of Agriculture, Hokkaido University, Kita-ku, Sapporo, Hokkaido
060-8589, Japan

Supplementary figures

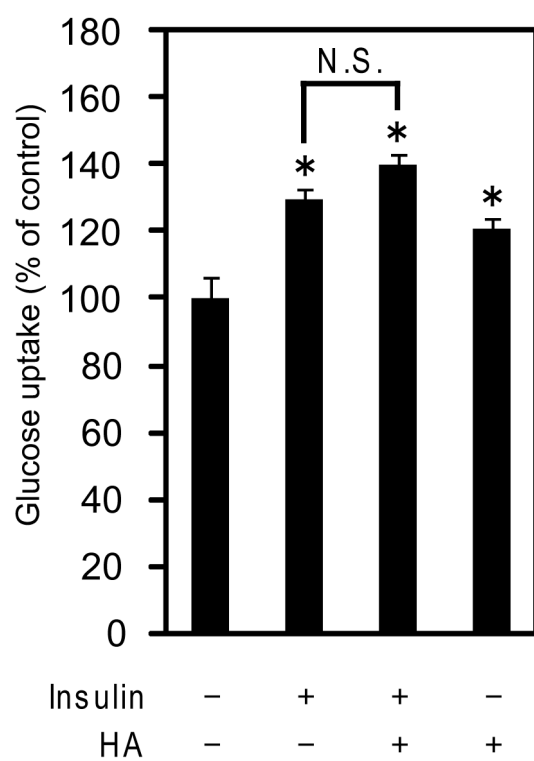


Figure S1. Glucose uptake of C2C12 myotubes after stimulation with mixture of insulin and HA. Differentiated C2C12 myotubes were treated with insulin, HA or mixture of insulin and HA for 4h. * $P < 0.05$ versus blank, N.S.: No significance.

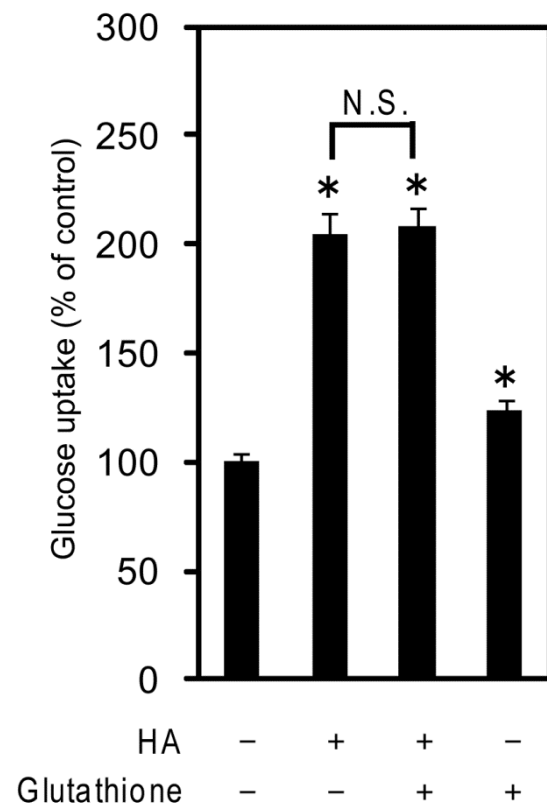


Figure S2. Effect of glutathione against HA's glucose uptake effect.

Differentiated C2C12 myotubes were treated with HA in the presence or absence of glutathione. HA 500 μ M, Glutathione 1 mM. * $p < 0.05$ versus blank. N.S.: No significance.