Supplementary information

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

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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 μM, Glutathione 1 mM. *p < 0.05 versus blank. N.S.: No significance.