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## 黑龙江省高皂甙大豆种质资源筛选

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摘要: 为了筛选黑龙江省高皂甙种质资源,采用酶标仪比色法分别检测了黑龙江省15份野生大豆(Glycine soja)、55份栽培大豆(Glycine max)的皂甙含量。结果表明:不同类型大豆皂甙含量有明显遗传差异,变幅为1156.97~3977.84 μg g<sup>-1</sup>。栽培大豆的皂甙含量高于野生大豆,筛选出高皂甙含量的野生大豆种质资源1份、栽培大豆种质资源3份。

Abstract: To screen the high saponins content soybean germplasm, 15 accessions of Glycine soja and 55 accessions of Glycine max from Heilongjiang province were determined. The results showed that there was obvious genetic variation of saponins content in different type of soybean germplasm. The mean content of saponins in cultivated soybean was higher than that in wild soybean, with the range of 1156.97~3977.84 μg g<sup>-1</sup>. One accession of G. soja and three accessions of G. max with high content of saponins were detected.

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