

Table S1. The information of *VrYUCCA* genes in mungbean

Name	Gene ^a	NCBI	Locus ID	Location	length (aa)	pI	M.W.	Predicted cell localizations
<i>VrYUCCA2a</i>	<i>Vradi01g04110</i>	XP_014508305.1	<i>LOC106767860</i>	Chr01 (6395222..6398559, complement)	425	9.03	47.57	Cytoplasm
<i>VrYUCCA2b</i>	<i>Vradi07g28320</i>	XP_014508261.1	<i>LOC106767822</i>	Chr07 (52005775..52008781)	416	9.00	46.39	Cytoplasm
<i>VrYUCCA3</i>	<i>Vradi08g03860</i>	XP_014511461.1	<i>LOC106770152</i>	Chr08 (6711112..6714058)	434	9.12	48.40	Cytoplasm
<i>VrYUCCA4a</i>	<i>Vradi05g09830</i>	XP_014500804.1	<i>LOC106761746</i>	Chr05 (18116316..18118574, complement)	408	9.54	45.61	Cytoplasm
<i>VrYUCCA4b</i>	<i>Vradi06g12650</i>	XP_014504238.1	<i>LOC106764471</i>	Chr06 (30511543..30514503, complement)	401	9.05	44.80	Cytoplasm
<i>VrYUCCA6a</i>	<i>Vradi05g09130</i>	XP_014500302.1	<i>LOC106761281</i>	Chr05 (17097676..17101207, complement)	427	7.96	48.04	Cytoplasm
<i>VrYUCCA6b</i>	<i>Vradi06g10150</i>	XP_014504106.1	<i>LOC106764337</i>	Chr06 (22339334..22343602, complement)	440	9.29	49.89	Chloroplast
<i>VrYUCCA8a</i>	<i>Vradi03g02780</i>	XP_014495524.1	<i>LOC106757377</i>	Chr03 (3873022..3875211)	423	8.79	47.52	Cytoplasm
<i>VrYUCCA8b</i>	<i>Vradi08g08480</i>	XP_014513031.1	<i>LOC106771549</i>	Chr08 (23774301..23776285)	423	8.85	47.73	Nucleus
<i>VrYUCCA8c</i>	<i>Vradi08g08490</i>	XP_014512724.1	<i>LOC106771284</i>	Chr08 (23808239..23810294)	424	8.85	47.86	Nucleus
<i>VrYUCCA10</i>	Not find	XP_014495430.1	<i>LOC106757305</i>	Chr03 (7146301..7149975, complement)	385	8.50	43.14	Cytoplasm
<i>VrYUCCA11</i>	Not find	XP_014522304.1	<i>LOC106778822</i>	NW_014541999.1 (311357..313142, complement)	399	8.76	44.64	Cytoplasm

Note: pI, isoelectric point; M.W. molecular weight. a, these Gene IDs were taken mung bean database (http://plantgenomics.snu.ac.kr/mediawiki-1.21.3/index.php/Main_Page) released in 2014 as the reference.