

Table S2 - SSRs contains similarity with ESTs deposited in the dBEST databank.

SSR identification	First Hit - BlastN - dBEST	E-value
SSR-IAC20	gb FF382201.1 MOOA033TF MOO <i>Vigna unguiculata</i> cDNA 5', mRNA sequence	1.00E-129
SSR-IAC22	gb FE699854.1 Pv026A_M13F_D11.ab1 <i>Phaseolus vulgaris</i> cv Early gallatin <i>Phaseolus vulgaris</i> cDNA, mRNA sequence	6.53E-161
SSR-IAC24	gb FE705466.1 Pv041C_M13R_F06.ab1 <i>Phaseolus vulgaris</i> cv Early gallatin <i>Phaseolus vulgaris</i> cDNA, mRNA sequence	1.00E-25
SSR-IAC27	gb FD792254.1 08VNAA8_T7_004_C06_17FEB2006_044 08VNAA8 <i>Phaseolus vulgaris</i> cDNA, mRNA sequence	6.00E-34
SSR-IAC29	gb FK603857.1 454GmaGlobSeed338489 Soybean seeds containing globular-stage embryos <i>Glycine max</i> cDNA, mRNA sequence	3.00E-77
SSR-IAC52	gb FE712003.1 Pv053D_M13F_H04.ab1 <i>Phaseolus vulgaris</i> cv Early gallatin <i>Phaseolus vulgaris</i> cDNA, mRNA sequence	6.54E-80
SSR-IAC53	gb GO036303.1 LJNBX65TF JCVI-LJ3 <i>Lotus japonicus</i> cDNA 5', mRNA sequence	9.00E-77
SSR-IAC58	gb CV530950.1 ALV_015B_G12 <i>Phaseolus vulgaris</i> leaf EST library PV_GEa <i>Phaseolus vulgaris</i> cDNA clone PV_GEa0015B_G12.b1 5', mRNA sequence	5.00E-74
SSR-IAC59	gb FE709594.1 Pv016C_M13F_H11.ab1 <i>Phaseolus vulgaris</i> cv Early gallatin <i>Phaseolus vulgaris</i> cDNA, mRNA sequence	6.00E-60
SSR-IAC62	gb FK005441.1 GLMDM32TR JCVI-SOY2 <i>Glycine max</i> cDNA 5', mRNA sequence	2.74E-01
SSR-IAC63	gb FE703648.1 Pv035B_M13R_D10.ab1 <i>Phaseolus vulgaris</i> cv Early gallatin <i>Phaseolus vulgaris</i> cDNA, mRNA sequence	2.00E-34
SSR-IAC66	gb FF537441.1 MOPAX37TF MOP <i>Vigna unguiculata</i> cDNA 5', mRNA sequence	2.00E-34
SSR-IAC68	gb CA908042.1 PCSC10299 Scarlet runner bean suspensor region TriplEx2 <i>Phaseolus coccineus</i> cDNA 5' similar to chitinase, mRNA sequence	2,00E-16
SSR-IAC73	gb CV540212.1 POD_028_F12 <i>Phaseolus vulgaris</i> pod EST library <i>Phaseolus vulgaris</i> cDNA 5', mRNA sequence	1.00E-17

SSR-IAC77	gb EV263457.1 GLLA690TF JCVI-SOY1 <i>Glycine max</i> cDNA 5', mRNA sequence	4.00E-96
SSR-IAC83	gb FG851828.1 UCRVU05_CCNN17663_b1 Cowpea IT84S-2049 mixed tissue and conditions cDNA library UCRVU05-2-2 <i>Vigna unguiculata</i> cDNA clone CCNN17663.b1, mRNA sequence	1.24E-67
SSR-IAC87	gb FE700691.1 Pv027D_M13F_E08.ab1 <i>Phaseolus vulgaris</i> cv Early gallatin <i>Phaseolus vulgaris</i> cDNA, mRNA sequence	5.00E-09
SSR-IAC91	gb BG406131.1 sac34e04.y1 Gm-c1051 <i>Glycine max</i> cDNA clone genome systems clone id: Gm-c1051-4064 5kD protein in copia-like transposable element	1.00E-08
SSR-IAC96	gb CB540465.1 PVEPSE2019H06.g Common bean seedling EST Library - PVEPSE2 <i>Phaseolus vulgaris</i> cDNA clone PVEPSE2019H06 5', mRNA sequence	4.00E-47
SSR-IAC97	gb CD413738.1 Gm_ck45339 Soybean induced by salicylic acid <i>Glycine max</i> cDNA 3', mRNA sequence	4.00E-32
SSR-IAC100	gb BG406131.1 gm-c1051 <i>Glycine max</i> cDNA clone genome systems clone id: gm-c1051-4064 5 tr:q04357 q04357 hypothetical kd protein in copia-like transposable mRNA	9.88E-04
SSR-IAC127	gb ES672667.1 AcSSH_FS_0836 Forward subtracted <i>Ancylostoma caninum</i> L3 library	9.00E-127
SSR-IAC136	gb CK171252.1 FGAS046428 <i>Triticum aestivum</i> FGAS: TaLt6 <i>Triticum aestivum</i> cDNA	5.00E-124
SSR-IAC156	gb FE709251.1 Pv055C_M13F_H11.ab1 <i>Phaseolus vulgaris</i> cv Early gallatin <i>Phaseolus</i>	4.00E-61
SSR-IAC160	gb FE693875.1 Pv030C_M13F_B12.ab1 <i>Phaseolus vulgaris</i> cv Early gallatin <i>Phaseolus</i>	3.00E-38
SSR-IAC167	gb BF070127.1 st07e06.y1 Gm-c1065 <i>Glycine max</i> cDNA clone genome systems clone id: Gm-c1065-635 5' similar to TR:O48794 O48794 F24O1.2	4.00E-66
SSR-IAC179	gb DN153780.1 Pv-cl56r <i>Phaseolus vulgaris</i> (variety OAC Rex)	4.00E-10
SSR-IAC181	gb FK022894.1 GLRA967TF JCVI-SOY3 <i>Glycine max</i> cDNA 5', mRNA sequence	1.00E-68

FJUNA128	gb FK425847.1 454 globseed160479 Soybean seeds containing globular-stage embryos <i>Glycine max</i> mRNA	7.09E-41
FJUNA167	dbj DB956508.1 Full-length enriched soybean cDNA library, mixture of seedling, young plant, adult plant <i>Glycine max</i> cDNA clone GMFL02-03-P15 5-, mRNA sequence	7.44E-11
FJUNA245	gb CV530406.1 alv_013c_f09 <i>Phaseolus vulgaris</i> leaf EST library pv_gea <i>Phaseolus vulgaris</i> cDNA clone 5 mRNA	0.0
FJUNA390	gb FE675931.1 Pv012A_M13R_D12.ab1 <i>Phaseolus vulgaris</i> cv Early gallatin <i>Phaseolus vulgaris</i> cDNA, mRNA sequence	4.28E-36
FJUNA399	gb EC911884.1 2479 Tepary bean root cDNA <i>Phaseolus acutifolius</i> cDNA clone mRNA	1.84E-25
