

**Supplementary Table:** Proteins in *T. kok-saghyz*, *L. sativa*, and *G. max* identified as homologs to the *Hevea* latex allergens by BLAST queries [21]. Redundant sequences were removed and the top five hits were tabulated. Accession numbers and identity scores are shown for each identified protein (%). NF: Not Found

<i>Hevea</i> allergen	Homologs in <i>T. kok-saghyz</i>	Homologs in <i>L. sativa</i>	Homologs in <i>G. max</i>
Hev b 1 P15252.2	SRPP5 AMB19725.1 (55%) SRPP1 AMB19721.1 (52%) SRPP2 AMB19722.1 (47%) SRPP3 AMB19723.1 (39%) SRPP4 AMB19724.1 (39%)	SRPP AJC97799.1 (53%) SRPP AJC97798.1 (42%)	XP_003543052.1 (39%) NP_001236602.1 (38%) NP_001236290.1 (37%) NP_001235682.1 (35%) ACU19020.1 (33%)
Hev b 2 4IIS_A	NF	NF	XP_006597705.1 (66%) XP_014617378.1 (65%) XP_006586895.1 (65%) AAC04710.1 (62%) XP_003554152.1 (60%)
Hev b 3 O82803.1	SRPP1 AMB19721.1 (51%) SRPP2 AMB19722.1 (48%) SRPP3 AMB19723.1 (44%) SRPP4 AMB19724.1 (42%) SRPP5 AMB19725.1 (41%)	SRPP AJC97799.1 (53%) SRPP AJC97798.1 (49%) SRPP AJC97800.1 (46%)	XP_014622813.1 (51%) XP_003543052.1 (50%) XP_006584512.1 (38%) XP_003551288.1 (36%) NP_001236290.1 (35%)
Hev b 4 AAR98518.1	NF	NF	XP_003520894.1 (36%) XP_003554796.1 (35%) XP_003555143.1 (35%) KRH13794.1 (34%) ACU23850.1 (34%)
Hev b 5 Q39967.3	NF	NF	NF
Hev b 6.02 ABW34946.1	NF	ACX94236.1 (39%)	NP_001304638.1 (73%) NP_001237347.1 (73%) NP_001235941.1 (72%) XP_003554709.1 (70%) KRH34094.1 (68%)

Hev b 7 AAF25553.1	NF	NF	XP_003544452.1 (54%) XP_003527713.1 (53%) XP_003538815.1 (52%) KRH15335.1 (52%) XP_003549405.1 (51%)
Hev b 8 AAF34342.1	NF	NF	XP_003546590.1 (85%) XP_003516387.1 (85%) NP_001235595.1 (85%) KRH41479.1 (83%) XP_006584806.1 (83%)
Hev b 9	NF	NF	KRH09232.1 (93%)
Q9LEI9.1			XP_003521438.1 (91%) KRG96124.1 (90%) XP_003548246.1 (90%) XP_003534043.1 (90%)
Hev b 10 Q9FSJ2	NF	CAC69403.1 (86%) CAC69402.1 (80%) CAC69404.1 (33%)	NP_001235066.1 (87%) KRH64185.1 (86%) ACU16940.1 (86%) CAD29434.1 (86%) KRH64186.1 (78%)
Hev b 11 Q949H3	NF	BAA37130.1 (50%) ACX94236.1 (38%) AAU34016.1 (32%)	NP_001304638.1 (73%) KRG96979.1 (71%) KRH69695.1 (66%) KRH69695.1 (66%) XP_014623953.1 (66%)
Hev b 12 Q8RYA8	NF	ABK96812.1 (58%) ABK96813.1 (56%)	KRH76117.1 (63%) NP_001240073.1 (60%) XP_014630427.1 (57%) KRH76084.1 (56%) NP_001241144.1 (56%)
Hev b 13 Q7Y1X1.1	NF	NF	KRH16345.1 (67%) XP_003545634.1 (66%) XP_003544687.2 (61%) XP_014621709.1 (58%) XP_003554066.1 (57%)

Hev b 14 CAA07608.1	AMB19689.1 (27%)	AHL27123.1 (27%)	XP_003556139.1 (72%) XP_003536440.1 (72%) XP_003551968.1 (68%) XP_003540115.1 (67%) XP_003518754.1 (66%)
Hev b 15 CCW27997.1	NF	NF	KRH19521.1 (48%) XP_003556368.1 (46%) XP_003538225.2 (33%)