

**ITS non-concerted evolution and rampant hybridization in the legume genus  
*Lespedeza* (Fabaceae)**

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**Appendix**

List of taxa sampled with information related to taxonomy, voucher information, GenBank accession numbers, and references.

*Campylotropis hirtella* (Franch.) Schindl., X. F. Gao, Y. Zhang & Z. M. Zhu 11010 (CDBI), Yunnan, China: ITS JN402491 (Xu et al., 2012), PGK KY174339.

*Campylotropis macrocarpa* (Bunge) Rehd., B. Xu & L. B. Zhang 97 (CDBI), Guizhou, China: ITS JN402492 (Xu et al., 2012), PGK (a) KY174340, (b) KY174341.

*Desmodium heterocarpon* (L.) DC., B. Xu & L. B. Zhang 40 (CDBI), Guizhou, China: PGK KY174342. *Desmodium microphyllum* (Thunb.) DC., B. Xu 219 (CDBI), Jiangxi, China: PGK KY174343.

*Kummerowia stipulacea* (Maxim.) Makino, B. Xu & Z. M. Zhu 370 (CDBI), Liaoning, China: ITS JN402493, PGK KY174344. *Kummerowia striata* (Thunb.) Schindl. N. C. Henderson 04-01 (MO), Alabama, USA: ITS JN402494.

*Lespedeza angustifolia* (Pursh) Elliott, R. kral 64371 (MO), Tennessee, USA: ITS (-1) KY174444, (-2) KY174445, (-3) KY174446, (-4) KY174447, (-5) KY174448, (-6) KY174449, (-7) KY174450, (-8) KY174451, (-9) KY174452, (-10) KY174453, PGK KY174345. *Lespedeza bicolor* Turcz., **1**, B. Xu & Z. M. Zhu 379 (CDBI), Liaoning, China: ITS (-1) KY174454, (-2) KY174455, (-3) KY174456, (-4) KY174457, (-5) KY174458, (-6) KY174459, (-7) KY174460, PGK (a) KY174346, (b) KY174347; **2**, B. Xu 248 (CDBI), Zhejiang, China: ITS (-1) KY174461, (-2) KY174462, (-3) KY174463, (-4) KY174464, (-5) KY174465, (-6) KY174466, (-7) KY174467, (-8) KY174468; **3**, B. Xu & Z. M. Zhu 356 (CDBI), Hebei, China: ITS (-1) KY174469, (-2) KY174470, (-3) KY174471, (-4) KY174472, (-5) KY174473, (-6) KY174474, (-7) KY174475, (-8) KY174476; **4**, K. Yonekura, 11711 (PE), Hokkaido, Japan: PGK (a) KY174348, (b) KY174349. *Lespedeza buergeri* Miq., **1**, B. Xu & Z. M. Zhu 333-2 (CDBI), Henan, China: ITS (-1) KY174477, (-2) KY174478, (-3) KY174479, (-4) KY174480, (-5) KY174481, (-6) KY174482, (-7) KY174483, (-8) KY174484, PGK KY174350; **2**, B. Xu

187 (CDBI), Jiangxi, China: ITS (-1) KY174485, (-2) KY174486, (-3) KY174487, (-4) KY174488, (-5) KY174489, (-6) KY174490, (-7) KY174491, (-8) KY174492, (-9) KY174493, (-10) KY174494, PGK (a) KY174351, (b) KY174352; **3**, *T. Azuma & C. Tanifuji* 382 (PE), Honshu, Japan: ITS (-1) KY174495, (-2) KY174496, (-3) KY174497, (-4) KY174498, (-5) KY174499, (-6) KY174500, (-7) KY174501, (-8) KY174502, (-9) KY174503. *Lespedeza capitata* Michx., *N. C. Henderson* 02-97 (MO), Missouri, USA: ITS (-1) KY174504, (-2) KY174505, (-3) KY174506, (-4) KY174507, (-5) KY174508, (-6) KY174509, (-7) KY174510, (-8) KY174511, (-9) KY174512, (-10) KY174513, PGK KY174353. *Lespedeza caraganae* Bunge, **1**, *B. Xu & Z. M. Zhu* 353 (CDBI), Hebei, China: ITS (-1) KY174514, (-2) KY174515, (-3) KY174516, (-4) KY174517, (-5) KY174518, (-6) KY174519, (-7) KY174520, (-8) KY174521, (-9) KY174522, (-10) KY174523, PGK KY174354; **2**, *B. Xu & Z. M. Zhu* 384 (CDBI), Beijing, China: PGK KY174355; **3**, *B. Xu & Z. M. Zhu* 326-1 (CDBI), Henan, China: PGK KY174356; **4**, *B. Xu & Z. M. Zhu* 326-15 (CDBI), Henan, China: PGK KY174357; **5**, *B. Xu & Z. M. Zhu* 326-25 (CDBI), Henan, China: PGK KY174358. *Lespedeza chinensis* G. Don, **1**, *B. Xu* 202 (CDBI), Jiangxi, China: PGK KY174359; **2**, *B. Xu* 227 (CDBI), Jiangxi, China: ITS (-1) KY174524, (-2) KY174525, (-3) KY174526, (-4) KY174527, (-5) KY174528, (-6) KY174529, (-7) KY174530, (-8) KY174531, (-9) KY174532, (-10) KY174533, PGK KY174360. *Lespedeza cuneata* (Dum. Cours.) G. Don, **1**, *B. Xu & L. B. Zhang* 88-1 (CDBI), Guizhou, China: PGK KY174361; **2**, *B. Xu & L. B. Zhang* 88-3 (CDBI), Guizhou, China: ITS (-1) KY174534, (-2) KY174535, (-3) KY174536, (-4) KY174537, (-5) KY174538, (-6) KY174539, (-7) KY174540, PGK KY174362; **3**, *B. Xu & L. B. Zhang* 90-11 (CDBI), Guizhou, China: PGK KY174363; **4**, *B. Xu & L. B. Zhang* 90-19 (CDBI), Guizhou, China: PGK KY174364; **5**, *B. Xu & W. G. Tu* 403 (CDBI), Sichuan, China: PGK KY174365. *Lespedeza cyrtobotrya* Miq., **1**, *B. Xu & Z. M. Zhu* 338 (CDBI), Henan, China: ITS (-1) KY174541, (-2) KY174542, (-3) KY174543, (-4) KY174544, (-5) KY174545, (-6) KY174546, (-7) KY174547, (-8) KY174548; **2**, *B. Xu* 151 (CDBI), Shaanxi, China: PGK (a) KY174366, (b) KY174367; **3**, *D. P. Jin* 138843 (CDBI), Honshu, Japan: ITS (-1) KY174549, (-2) KY174550, (-3) KY174551, (-4) KY174552, (-5) KY174553, (-6) KY174554, (-7) KY174555, PGK (a) KY174368, (b) KY174369. *Lespedeza daurica* (Laxm.) Schindl., **1**, *B. Xu & Z. M. Zhu* 369-13 (CDBI), Liaoning, China: PGK (a) KY174370, (b) KY174371; **2**, *B. Xu* 126 (CDBI), Shaanxi, China: ITS (-1) KY174556, (-2) KY174557, (-3) KY174558, (-4) KY174559, (-5) KY174560, (-6) KY174561, (-7) KY174562, (-8) KY174563, (-9) KY174564, (-10) KY174565, PGK (a) KY174372, (b) KY174373. *Lespedeza davidii* Franch., **1**, *B. Xu & L. B. Zhang* 98 (CDBI), Guizhou, China: ITS (-1) KY174566, (-2) KY174567, (-3) KY174568, (-4) KY174569, (-5) KY174570, (-6) KY174571, (-7) KY174572, (-8) KY174573, PGK (a) KY174374, (b) KY174375; **2**, *B. Xu* 191 (CDBI), Jiangxi, China: ITS (-1) KY174574, (-2) KY174575, (-3) KY174576, (-4) KY174577, (-5) KY174578, (-6) KY174579, (-7) KY174580, (-8) KY174581, PGK (a) KY174376, (b) KY174377; **3**, *B. Xu* 238 (CDBI), Zhejiang, China: PGK (a) KY174378, (b) KY174379. *Lespedeza dunnii* Schindl., *B. Xu* 255 (CDBI), Zhejiang, China: ITS (-1) KY174582, (-2) KY174583, (-3) KY174584, (-4) KY174585, (-5) KY174586, (-6) KY174587, (-7) KY174588, (-8) KY174589, (-9) KY174590, PGK (a) KY174380, (b) KY174381. *Lespedeza*

*fasciculiflora* Franch., **1**, X. F. Gao & B. Xu 9594 (CDBI), Yunnan, China: ITS (-1) KY174591, (-2) KY174592, (-3) KY174593, (-4) KY174594, (-5) KY174595, (-6) KY174596, (-7) KY174597, (-8) KY174598, (-9) KY174599, PGK KY174382; **2**, X. F. Gao & B. Xu 9776 (CDBI), Sichuan, China: PGK KY174383. *Lespedeza floribunda* Bunge, **1**, B. Xu & L. B. Zhang 398 (CDBI), Beijing, China: PGK KY174384; **2**, B. Xu & L. B. Zhang 95-11 (CDBI), Guizhou, China: ITS (-1) KY174600, (-2) KY174601, (-3) KY174602, (-4) KY174603, (-5) KY174604, (-6) KY174605, (-7) KY174606, (-8) KY174607, (-9) KY174608, PGK KY174385; **3**, B. Xu 127-28 (CDBI), Shaanxi, China: PGK KY174386. *Lespedeza fordii* Schindl., **1**, B. Xu 192 (CDBI), Jiangxi, China: PGK KY174387; **2**, B. Xu 226 (CDBI), Jiangxi, China: ITS (-1) KY174609, (-2) KY174610, (-3) KY174611, (-4) KY174612, (-5) KY174613, (-6) KY174614, (-7) KY174615, (-8) KY174616, (-9) KY174617, PGK (a) KY174388, (b) KY174389.

*Lespedeza formosa* (Vogel) Koehne, **1**, B. Xu & L. B. Zhang 1 (CDBI), Guizhou, China: ITS (-1) KY174618, (-2) KY174619, (-3) KY174620, (-4) KY174621, (-5) KY174622, (-6) KY174623, (-7) KY174624, (-8) KY174625, (-9) KY174626, (-10) KY174627, PGK (a) KY174390, (b) KY174391; **2**, B. Xu 184-1 (CDBI), Hubei, China: ITS (-1) KY174628, (-2) KY174629, (-3) KY174630, (-4) KY174631, (-5) KY174632, (-6) KY174633, (-7) KY174634, (-8) KY174635, (-9) KY174636, (-10) KY174637; **3**, B. Xu & Z. M. Zhu 337 (CDBI), Henan, China: PGK (a) KY174392, (b) KY174393; **4**, B. Xu 195 (CDBI), Jiangxi, China: ITS (-1) KY174638, (-2) KY174639, (-3) KY174640, (-4) KY174641, (-5) KY174642, (-6) KY174643, (-7) KY174644, (-8) KY174645, (-9) KY174646, (-10) KY174647; **5**, B. Xu 262-12 (CDBI), Zhejiang, China: ITS (-1) KY174648, (-2) KY174649, (-3) KY174650, (-4) KY174651, (-5) KY174652, (-6) KY174653, (-7) KY174654, (-8) KY174655, (-9) KY174656, (-10) KY174657. *Lespedeza forrestii* Schindl., X. F. Gao & B. Xu 9626 (CDBI), Yunnan, China: ITS (-1) KY174658, (-2) KY174659, (-3) KY174660, (-4) KY174661, (-5) KY174662, (-6) KY174663, (-7) KY174664, (-8) KY174665, (-9) KY174666, PGK KY174394. *Lespedeza hengduanshanensis* (C. J. Chen) Xu, Gao & Zhang, X. F. Gao & B. Xu 9384 (CDBI), Sichuan, China: ITS (-1) KY174667, (-2) KY174668, (-3) KY174669, (-4) KY174670, (-5) KY174671, (-6) KY174672, (-7) KY174673, (-8) KY174674, (-9) KY174675, (-10) KY174676, PGK KY174395. *Lespedeza hirta* (L.) Hornem., R. Dale 97963 (MO), Louisiana, USA: ITS (-1) KY174677, (-2) KY174678, (-3) KY174679, (-4) KY174680, (-5) KY174681, (-6) KY174682, (-7) KY174683, (-8) KY174684, (-9) KY174685, PGK KY174396. *Lespedeza hispida* (Franch) Nemoto & Ohashi, X. F. Gao 504 (KUN), Yunnan, China: ITS (-1) KY174686, (-2) KY174687, (-3) KY174688, (-4) KY174689, (-5) KY174690, (-6) KY174691, (-7) KY174692, (-8) KY174693. *Lespedeza homoloba* Nakai, M. Takahashi & K. Takahashi 1613 (PE), Shikoku, Japan: ITS (-1) KY174694, (-2) KY174695, (-3) KY174696, (-4) KY174697, (-5) KY174698, (-6) KY174699, (-7) KY174700, (-8) KY174701, (-9) KY174702. *Lespedeza inschanica* Schindl., **1**, B. Xu & Z. M. Zhu 378 (CDBI), Liaoning, China: PGK KY174397; **2**, B. Xu 143 (CDBI), Shaanxi, China: ITS (-1) KY174703, (-2) KY174704, (-3) KY174705, (-4) KY174706, (-5) KY174707, (-6) KY174708, (-7) KY174709, (-8) KY174710, (-9) KY174711, (-10) KY174712, PGK KY174398. *Lespedeza intermedia* (S. Watson ex A. Gray) Britton, R. D. Thomas, E. Sundell & C. Amason 107866 (MO), Arkansas, USA: ITS (-1)

KY174713, (-2) KY174714, (-3) KY174715, (-4) KY174716, (-5) KY174717, (-6) KY174718, (-7) KY174719, (-8) KY174720, (-9) KY174721, (-10) KY174722, (-11) KY174723, PGK KY174399. *Lespedeza jiangxiensis* Xu, Gao & Zhang, **1**, *B. Xu 198* (CDBI), Jiangxi, China: ITS (-1) KY174724, (-2) KY174725, (-3) KY174726, (-4) KY174727, (-5) KY174728, (-6) KY174729, (-7) KY174730, (-8) KY174731, (-9) KY174732, (-10) KY174733, PGK (a) KY174400, (b) KY174401; **2**, *B. Xu 218* (CDBI), Jiangxi, China: ITS (-1) KY174734, (-2) KY174735, (-3) KY174736, (-4) KY174737, (-5) KY174738, (-6) KY174739, (-7) KY174740, (-8) KY174741, (-9) KY174742, (-10) KY174743, PGK (a) KY174402, (b) KY174403. *Lespedeza juncea* (L) Pers., **1**, *X. F. Gao 9836* (CDBI), Beijing, China: PGK KY174404; **2**, *B. Xu & Z. M. Zhu 372* (CDBI), Liaoning, China: PGK KY174405; **3**, *B. Xu & Z. M. Zhu 377* (CDBI), Liaoning, China: ITS (-1) KY174744, (-2) KY174745, (-3) KY174746, (-4) KY174747, (-5) KY174748, (-6) KY174749, PGK KY174406; **4**, *B. Xu & Z. M. Zhu 358* (CDBI), Hebei, China: PGK KY174407. *Lespedeza lichiyuniae* Nemoto & Ohashi, **1**, *B. Xu & L. B. Zhang 57* (CDBI), Guizhou, China: PGK KY174408; **2**, *B. Xu & L. B. Zhang 47* (CDBI), Guizhou, China: PGK KY174409; **3**, *X. M. An 3641* (PE), Guizhou, China: ITS (-1) KY174750, (-2) KY174751, (-3) KY174752, (-4) KY174753, (-5) KY174754, (-6) KY174755, (-7) KY174756, (-8) KY174757, (-9) KY174758, (-10) KY174759, PGK KY174410; **4**, *B. Xu 433* (PE), Zhejiang, China: PGK KY174411. *Lespedeza maximowiczii* C.K. Schneid., **1**, *B. Xu 265* (CDBI), Henan, China: ITS (-1) KY174760, (-2) KY174761, (-3) KY174762, (-4) KY174763, (-5) KY174764, (-6) KY174765, (-7) KY174766, (-8) KY174767; **2**, *B. Xu 237* (CDBI), Zhejiang, China: ITS (-1) KY174768, (-2) KY174769, (-3) KY174770, (-4) KY174771, (-5) KY174772, (-6) KY174773, (-7) KY174774, (-8) KY174775, (-9) KY174776, (-10) KY174777, PGK (a) KY174412, (b) KY174413. *Lespedeza melanantha* Nakai, *D. P. Jin 128151* (CDBI), Kyeongsangnamdo, Korea: ITS (-1) KY174778, (-2) KY174779, (-3) KY174780, (-4) KY174781, (-5) KY174782, (-6) KY174783, (-7) KY174784, PGK (a) KY174414, (b) KY174415. *Lespedeza patens* Nakai, *B. Xu 233* (CDBI), Jiangxi, China: ITS (-1) KY174785, (-2) KY174786, (-3) KY174787, (-4) KY174788, (-5) KY174789, (-6) KY174790, (-7) KY174791, (-8) KY174792, (-9) KY174793, (-10) KY174794, PGK (a) KY174416, (b) KY174417. *Lespedeza pilosa* Siebold & Zucc., *B. Xu 257* (CDBI), Zhejiang, China: ITS (-1) KY174795, (-2) KY174796, (-3) KY174797, (-4) KY174798, (-5) KY174799, (-6) KY174800, (-7) KY174801, (-8) KY174802, (-9) KY174803, PGK KY174418. *Lespedeza potaninii* Vassiliev, **1**, *B. Xu 272* (CDBI), Shaanxi, China: PGK (a) KY174419, (b) KY174420; **2**, *B. Xu 404* (CDBI), Sichuan, China: PGK (a) KY174421, (b) KY174422; **3**, *B. Xu 9684* (CDBI), Sichuan, China: ITS (-1) KY174804, (-2) KY174805, (-3) KY174806, (-4) KY174807, (-5) KY174808, (-6) KY174809, (-7) KY174810, (-8) KY174811, PGK (a) KY174423, (b) KY174424. *Lespedeza repens* (L.) W. P. C. Barton, *N. C. Henderson 95-683* (MO), Kansas, USA: ITS (-1) KY174812, (-2) KY174813, (-3) KY174814, (-4) KY174815, (-5) KY174816, (-6) KY174817, (-7) KY174818, (-8) KY174819, (-9) KY174820, PGK KY174425. *Lespedeza stuevei* Nutt., *C. Becker 1444* (MO), Missouri, USA: ITS (-1) KY174821, (-2) KY174822, (-3) KY174823, (-4) KY174824, (-5) KY174825, (-6) KY174826, (-7) KY174827, (-8) KY174828, (-9) KY174829, (-10) KY174830, PGK KY174426. *Lespedeza tomentosa*

(Thunb.) Siebold ex Maxim., **1**, *B. Xu & L. B. Zhang 55* (CDBI), Guizhou, China: ITS (-1) KY174831, (-2) KY174832, (-3) KY174833, (-4) KY174834, (-5) KY174835, (-6) KY174836, (-7) KY174837, (-8) KY174838, (-9) KY174839, (-10) KY174840, PGK KY174427; **2**, *B. Xu 145* (CDBI), Shaanxi, China: PGK KY174428. *Lespedeza violacea* (L.) Pers., *L. B. Zhang 4817* (MO), Missouri, USA: ITS (-1) KY174841, (-2) KY174842, (-3) KY174843, (-4) KY174844, (-5) KY174845, (-6) KY174846, (-7) KY174847, (-8) KY174848, (-9) KY174849, (-10) KY174850, PGK KY174429. *Lespedeza virgata* (Thunb.) DC., **1**, *B. Xu & L. B. Zhang 104* (CDBI), Guizhou, China: PGK KY174430; **2**, *B. Xu 201* (CDBI), Jiangxi, China: ITS (-1) KY174851, (-2) KY174852, (-3) KY174853, (-4) KY174854, (-5) KY174855, (-6) KY174856, (-7) KY174857, (-8) KY174858, (-9) KY174859, (-10) KY174860, PGK KY174431; **3**, *B. Xu 324* (CDBI), Shaanxi, China: PGK KY174432. *Lespedeza virginica* (L.) Britton, *L. B. Zhang 4816* (MO), Missouri, USA: ITS (-1) KY174861, (-2) KY174862, (-3) KY174863, (-4) KY174864, (-5) KY174865, (-6) KY174866, (-7) KY174867, (-8) KY174868, (-9) KY174869, PGK (a) KY174433, (b) KY174434. *Lespedeza wilfordii* Ricker, **1**, *B. Xu 206-1* (CDBI), Jiangxi, China: ITS (-1) KY174870, (-2) KY174871, (-3) KY174872, (-4) KY174873, (-5) KY174874, (-6) KY174875, (-7) KY174876, (-8) KY174877, (-9) KY174878, (-10) KY174879, PGK (a) KY174435, (b) KY174436; **2**, *B. Xu 209* (CDBI), Jiangxi, China: ITS (-1) KY174880, (-2) KY174881, (-3) KY174882, (-4) KY174883, (-5) KY174884, (-6) KY174885, (-7) KY174886, (-8) KY174887, (-9) KY174888, PGK KY174437; **3**, *B. Xu 252* (CDBI), Zhejiang, China: ITS (-1) KY174889, (-2) KY174890, (-3) KY174891, (-4) KY174892, (-5) KY174893, (-6) KY174894, (-7) KY174895, PGK (a) KY174438, (b) KY174439; **4**, *B. Xu 256* (CDBI), Zhejiang, China: PGK (a) KY174440, (b) KY174441; **5**, *B. Xu 249* (CDBI), Zhejiang, China: PGK (a) KY174442, (b) KY174443.

**Table S1. Sequence characteristics of ITS1-5.8S-ITS2 region in *Lespedeza***

Accession name	GC content [%]			Position of nucleotide changes (nt-) in conserved 5.8S motives			Secondary structure of	Note
	ITS1	5.8S	ITS2	M1	M2	M3	5.8S	
<i>L. angustifolia</i> -1	61.48	54.78	62.04	conserved	conserved	conserved	XXXXXX	
<i>L. angustifolia</i> -2	61.48	54.78	62.04	conserved	conserved	conserved	XXXXXX	
<i>L. angustifolia</i> -3	61.48	54.78	62.04	conserved	conserved	conserved	XXXXXX	
<i>L. angustifolia</i> -4	61.48	54.78	62.04	conserved	conserved	conserved	XXXXXX	
<i>L. angustifolia</i> -5	61.48	54.78	62.04	conserved	conserved	conserved	XXXXXX	
<i>L. angustifolia</i> -6	61.48	54.78	62.04	conserved	conserved	conserved	XXXXXX	
<i>L. angustifolia</i> -7	61.48	54.78	62.04	conserved	conserved	conserved	XXXXXX	
<i>L. angustifolia</i> -8	61.48	54.78	62.04	conserved	conserved	conserved	XXXXXX	
<i>L. angustifolia</i> -9	61.48	54.78	62.04	conserved	conserved	conserved	XXXXXX	
<i>L. angustifolia</i> -10	61.48	54.78	62.04	conserved	conserved	conserved	XXXXXX	
<i>L. bicolor</i> -1-1	65.45	54.78	67.61	conserved	conserved	conserved	XXXXXX	
<i>L. bicolor</i> -1-2	66.40	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<b><i>L. bicolor</i>-1-3</b>	<b>62.30</b>	55.41	67.14	<b>nt-16</b>	conserved	conserved	XXXXXX	<b>pseudogene</b>
<b><i>L. bicolor</i>-1-4</b>	<b>63.52</b>	<b>50.96</b>	<b>63.85</b>	<b>nt-16</b>	conserved	conserved	XXXXXX	<b>pseudogene</b>
<b><i>L. bicolor</i>-1-5</b>	<b>61.89</b>	53.50	<b>62.19</b>	<b>nt-12</b>	conserved	<b>nt-6</b>	<b>X-XX-</b>	<b>pseudogene</b>
<b><i>L. bicolor</i>-1-6</b>	<b>62.30</b>	<b>50.96</b>	<b>63.38</b>	<b>nt-16</b>	conserved	conserved	XXXXXX	<b>pseudogene</b>
<i>L. bicolor</i> -1-7	66.40	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. bicolor</i> -2-1	66.26	54.78	67.61	conserved	conserved	conserved	XXXXXX	
<i>L. bicolor</i> -2-2	66.27	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. bicolor</i> -2-3	64.02	54.78	67.61	conserved	conserved	conserved	XXXXXX	
<i>L. bicolor</i> -2-4	65.87	54.78	67.61	conserved	conserved	conserved	XXXXXX	
<i>L. bicolor</i> -2-5	65.87	54.78	67.61	conserved	conserved	conserved	XXXXXX	
<i>L. bicolor</i> -2-6	66.40	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. bicolor</i> -2-7	66.80	54.78	68.54	conserved	conserved	conserved	XXXXXX	
<b><i>L. bicolor</i>-2-8</b>	64.75	55.41	<b>64.73</b>	<b>nt-4</b>	conserved	conserved	<b>X-XXX</b>	<b>pseudogene</b>
<i>L. bicolor</i> -3-1	66.27	54.78	67.61	conserved	conserved	conserved	XXXXXX	
<i>L. bicolor</i> -3-2	65.87	54.78	67.14	conserved	conserved	conserved	XXXXXX	
<i>L. bicolor</i> -3-3	65.87	54.78	67.61	conserved	conserved	conserved	XXXXXX	
<i>L. bicolor</i> -3-4	65.87	54.78	67.61	conserved	conserved	conserved	XXXXXX	
<i>L. bicolor</i> -3-5	65.87	54.78	67.61	conserved	conserved	conserved	XXXXXX	
<i>L. bicolor</i> -3-6	65.60	54.78	67.61	conserved	conserved	conserved	XXXXXX	
<i>L. bicolor</i> -3-7	65.87	54.78	67.61	conserved	conserved	conserved	XXXXXX	
<i>L. bicolor</i> -3-8	65.48	54.78	67.61	conserved	conserved	conserved	XXXXXX	
<i>L. buergeri</i> -1-1	66.00	54.78	67.45	conserved	conserved	conserved	XXXXXX	
<i>L. buergeri</i> -1-2	66.00	54.78	67.45	conserved	conserved	conserved	XXXXXX	
<i>L. buergeri</i> -1-3	66.40	54.78	67.45	conserved	conserved	conserved	XXXXXX	
<i>L. buergeri</i> -1-4	66.40	54.78	67.45	conserved	conserved	conserved	XXXXXX	
<i>L. buergeri</i> -1-5	66.00	54.78	67.61	conserved	conserved	conserved	XXXXXX	
<i>L. buergeri</i> -1-6	66.00	54.78	67.45	conserved	conserved	conserved	XXXXXX	
<i>L. buergeri</i> -1-7	64.90	54.78	67.45	conserved	conserved	conserved	XXXXXX	
<i>L. buergeri</i> -1-8	66.40	54.78	67.61	conserved	conserved	conserved	XXXXXX	
<i>L. buergeri</i> -2-1	66.00	54.78	67.61	conserved	conserved	conserved	XXXXXX	
<i>L. buergeri</i> -2-2	66.00	55.41	67.14	conserved	conserved	conserved	XXXXXX	
<i>L. buergeri</i> -2-3	66.00	55.41	67.61	conserved	conserved	conserved	XXXXXX	
<i>L. buergeri</i> -2-4	65.60	54.78	67.61	conserved	conserved	conserved	XXXXXX	
<i>L. buergeri</i> -2-5	66.00	54.78	67.61	conserved	conserved	conserved	XXXXXX	

<i>L. buergeri</i> -2-6	65.60	54.14	67.61	conserved	conserved	conserved	XXXXXX	
<i>L. buergeri</i> -2-7	66.00	54.78	67.61	conserved	conserved	conserved	XXXXXX	
<i>L. buergeri</i> -2-8	66.00	54.14	67.61	conserved	conserved	conserved	XXXXXX	
<i>L. buergeri</i> -2-9	66.40	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. buergeri</i> -2-10	66.40	54.78	67.45	conserved	conserved	conserved	XXXXXX	
<i>L. buergeri</i> -3-1	65.57	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. buergeri</i> -3-2	65.57	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. buergeri</i> -3-3	65.57	55.41	68.54	conserved	conserved	conserved	XXXXXX	
<b><i>L. buergeri</i>-3-4</b>	65.16	52.87	67.61	<b>nt-16</b>	conserved	<b>nt-8</b>	<b>XXX--</b>	<b>pseudogene</b>
<i>L. buergeri</i> -3-5	65.57	54.78	69.01	conserved	conserved	conserved	XXXXXX	
<i>L. buergeri</i> -3-6	65.57	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. buergeri</i> -3-7	65.57	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. buergeri</i> -3-8	65.57	54.78	68.54	conserved	conserved	conserved	XXXXXX	
<i>L. buergeri</i> -3-9	65.98	54.78	68.54	conserved	conserved	conserved	XXXXXX	
<i>L. buergeri</i> -3-10	65.98	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. capitata</i> -1	61.22	54.78	62.50	conserved	conserved	conserved	XXXXXX	
<i>L. capitata</i> -2	61.22	54.78	62.04	conserved	conserved	conserved	XXXXXX	
<i>L. capitata</i> -3	62.04	54.78	61.57	conserved	conserved	conserved	XXXXXX	
<i>L. capitata</i> -4	61.22	54.14	62.50	conserved	conserved	conserved	XXXXXX	
<i>L. capitata</i> -5	61.63	54.78	61.57	conserved	conserved	conserved	XXXXXX	
<i>L. capitata</i> -6	61.63	54.78	62.04	conserved	conserved	conserved	XXXXXX	
<i>L. capitata</i> -7	61.63	54.78	62.04	conserved	conserved	conserved	XXXXXX	
<i>L. capitata</i> -8	62.04	54.78	62.04	conserved	conserved	conserved	XXXXXX	
<i>L. capitata</i> -9	61.63	54.78	62.04	conserved	conserved	conserved	XXXXXX	
<i>L. capitata</i> -10	61.63	54.78	62.50	conserved	conserved	conserved	XXXXXX	
<i>L. caraganae</i> -1-1	65.18	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. caraganae</i> -1-2	65.18	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. caraganae</i> -1-3	65.18	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. caraganae</i> -1-4	65.18	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. caraganae</i> -1-5	65.18	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. caraganae</i> -1-6	65.18	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. caraganae</i> -1-7	64.90	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<b><i>L. caraganae</i>-1-8</b>	<b>52.23</b>	<b>45.86</b>	<b>52.46</b>	<b>nt-12</b>	<b>nt-7,12</b>	<b>nt-7,9</b>	<b>X-X--</b>	<b>pseudogene</b>
<i>L. caraganae</i> -1-9	65.18	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. caraganae</i> -1-10	63.56	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. chinensis</i> -2-1	63.67	55.41	63.85	conserved	conserved	conserved	XXXXXX	
<i>L. chinensis</i> -2-2	63.67	55.41	63.85	conserved	conserved	conserved	XXXXXX	
<i>L. chinensis</i> -2-3	60.82	55.41	63.85	conserved	conserved	conserved	XXXXXX	
<i>L. chinensis</i> -2-4	63.67	55.41	63.85	conserved	conserved	conserved	XXXXXX	
<i>L. chinensis</i> -2-5	63.67	55.41	63.85	conserved	conserved	conserved	XXXXXX	
<i>L. chinensis</i> -2-6	63.27	55.41	67.14	conserved	conserved	conserved	XXXXXX	
<i>L. chinensis</i> -2-7	63.67	55.41	63.85	conserved	conserved	conserved	XXXXXX	
<i>L. chinensis</i> -2-8	63.67	55.41	63.85	conserved	conserved	conserved	XXXXXX	
<i>L. chinensis</i> -2-9	63.67	55.41	63.85	conserved	conserved	conserved	XXXXXX	
<i>L. cuneata</i> -2-1	65.18	54.78	68.54	conserved	conserved	conserved	XXXXXX	
<b><i>L. cuneata</i>-2-2</b>	65.59	54.78	<b>64.79</b>	conserved	conserved	conserved	XXXXXX	<b>pseudogene</b>
<i>L. cuneata</i> -2-3	65.18	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. cuneata</i> -2-4	65.18	54.78	68.54	conserved	conserved	conserved	XXXXXX	
<b><i>L. cuneata</i>-2-5</b>	61.18	52.87	<b>61.03</b>	<b>nt-6</b>	<b>nt-8</b>	<b>nt-8</b>	<b>XXX--</b>	<b>pseudogene</b>
<i>L. cuneata</i> -2-6	63.14	54.78	68.54	conserved	conserved	conserved	XXXXXX	
<i>L. cuneata</i> -2-7	64.78	54.78	68.54	conserved	conserved	conserved	XXXXXX	

<i>L. cyrtobotrya</i> -1-1	66.27	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. cyrtobotrya</i> -1-2	66.27	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. cyrtobotrya</i> -1-3	65.87	55.41	67.61	conserved	conserved	conserved	XXXXXX	
<i>L. cyrtobotrya</i> -1-4	65.87	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. cyrtobotrya</i> -1-5	65.87	54.78	68.54	conserved	conserved	conserved	XXXXXX	
<i>L. cyrtobotrya</i> -1-6	65.87	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. cyrtobotrya</i> -1-7	65.87	54.14	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. cyrtobotrya</i> -1-8	66.53	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. cyrtobotrya</i> -3-1	66.00	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. cyrtobotrya</i> -3-2	66.80	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. cyrtobotrya</i> -3-3	66.80	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. cyrtobotrya</i> -3-4	66.40	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<b><i>L. cyrtobotrya</i>-3-5</b>	<b>63.34</b>	55.41	68.54	conserved	conserved	<b>nt-8</b>	XXXXXX	<b>pseudogene</b>
<i>L. cyrtobotrya</i> -3-6	66.80	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. cyrtobotrya</i> -3-7	65.20	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. daurica</i> -2-1	63.71	54.78	67.61	conserved	conserved	conserved	XXXXXX	
<i>L. daurica</i> -2-2	64.49	54.78	67.61	conserved	conserved	conserved	XXXXXX	
<i>L. daurica</i> -2-3	63.71	55.41	67.61	conserved	conserved	conserved	XXXXXX	
<i>L. daurica</i> -2-4	63.71	55.41	67.61	conserved	conserved	conserved	XXXXXX	
<i>L. daurica</i> -2-5	63.71	54.78	67.61	conserved	conserved	conserved	XXXXXX	
<i>L. daurica</i> -2-6	63.71	54.14	67.14	conserved	conserved	conserved	XXXXXX	
<i>L. daurica</i> -2-7	63.31	54.78	67.61	conserved	conserved	conserved	XXXXXX	
<i>L. daurica</i> -2-8	63.71	54.78	67.61	conserved	conserved	conserved	XXXXXX	
<i>L. daurica</i> -2-9	63.71	54.78	67.61	conserved	conserved	conserved	XXXXXX	
<i>L. daurica</i> -2-10	63.31	54.78	67.61	conserved	conserved	conserved	XXXXXX	
<i>L. davidii</i> -1-1	66.12	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. davidii</i> -1-2	65.87	54.78	67.61	conserved	conserved	conserved	XXXXXX	
<i>L. davidii</i> -1-3	65.71	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. davidii</i> -1-4	65.71	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. davidii</i> -1-5	66.12	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. davidii</i> -1-6	64.90	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. davidii</i> -1-7	64.90	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. davidii</i> -1-8	66.12	54.78	67.61	conserved	conserved	conserved	XXXXXX	
<i>L. davidii</i> -2-1	65.59	54.78	68.54	conserved	conserved	conserved	XXXXXX	
<i>L. davidii</i> -2-2	65.59	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. davidii</i> -2-3	65.59	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. davidii</i> -2-4	65.59	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. davidii</i> -2-5	65.59	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. davidii</i> -2-6	65.59	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. davidii</i> -2-7	65.31	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. davidii</i> -2-8	65.20	54.78	68.54	conserved	conserved	conserved	XXXXXX	
<i>L. dunnii</i> -1	63.22	55.41	66.20	conserved	conserved	conserved	XXXXXX	
<b><i>L. dunnii</i>-2</b>	63.22	55.41	<b>62.39</b>	conserved	conserved	conserved	XXXXXX	<b>pseudogene</b>
<i>L. dunnii</i> -3	62.40	55.41	66.20	conserved	conserved	conserved	XXXXXX	
<i>L. dunnii</i> -4	62.81	55.41	66.20	conserved	conserved	conserved	XXXXXX	
<i>L. dunnii</i> -5	62.81	55.41	65.73	conserved	conserved	conserved	XXXXXX	
<b><i>L. dunnii</i>-6</b>	<b>59.49</b>	55.41	64.79	conserved	<b>nt-6</b>	conserved	XXXXXX	<b>pseudogene</b>
<i>L. dunnii</i> -7	62.81	55.41	65.73	conserved	conserved	conserved	XXXXXX	
<i>L. dunnii</i> -8	62.81	56.05	64.79	conserved	conserved	conserved	XXXXXX	
<i>L. dunnii</i> -9	62.81	55.41	66.67	conserved	conserved	conserved	XXXXXX	
<i>L. fasciculiflora</i> -1	65.71	54.78	67.61	conserved	conserved	conserved	XXXXXX	



<i>L. fasciculiflora-2</i>	65.71	54.78	67.61	conserved	conserved	conserved	XXXXXX	
<i>L. fasciculiflora-3</i>	65.71	54.78	67.61	conserved	conserved	conserved	XXXXXX	
<i>L. fasciculiflora-4</i>	65.71	54.78	67.61	conserved	conserved	conserved	XXXXXX	
<i>L. fasciculiflora-5</i>	65.71	54.78	63.85	conserved	conserved	conserved	XXXXXX	
<i>L. fasciculiflora-6</i>	66.12	54.78	67.61	conserved	conserved	conserved	XXXXXX	
<i>L. fasciculiflora-7</i>	65.71	54.14	67.61	conserved	conserved	conserved	XXXXXX	
<i>L. fasciculiflora-8</i>	65.71	53.80	67.61	conserved	conserved	conserved	XXXXXX	
<i>L. fasciculiflora-9</i>	65.71	54.78	67.61	conserved	conserved	conserved	XXXXXX	
<i>L. floribunda-2-1</i>	63.18	55.41	65.14	conserved	conserved	conserved	XXXXXX	
<i>L. floribunda-2-2</i>	63.18	55.41	64.68	conserved	conserved	conserved	XXXXXX	
<i>L. floribunda-2-3</i>	63.18	55.41	64.68	conserved	conserved	conserved	XXXXXX	
<i>L. floribunda-2-4</i>	63.18	55.41	64.68	conserved	conserved	conserved	XXXXXX	
<i>L. floribunda-2-5</i>	63.18	55.41	64.68	conserved	conserved	conserved	XXXXXX	
<i>L. floribunda-2-6</i>	63.18	55.41	64.38	conserved	conserved	conserved	XXXXXX	
<i>L. floribunda-2-7</i>	63.18	55.41	65.14	conserved	conserved	conserved	XXXXXX	
<i>L. floribunda-2-8</i>	63.18	55.41	64.68	conserved	conserved	conserved	XXXXXX	
<i>L. floribunda-2-9</i>	63.18	55.41	64.68	conserved	conserved	conserved	XXXXXX	
<i>L. fordii-2-1</i>	62.45	54.78	66.05	conserved	conserved	conserved	XXXXXX	
<i>L. fordii-2-2</i>	65.45	54.78	65.12	conserved	conserved	conserved	XXXXXX	
<i>L. fordii-2-3</i>	65.45	56.05	66.05	conserved	conserved	conserved	XXXXXX	
<i>L. fordii-2-4</i>	65.31	55.41	65.58	conserved	conserved	conserved	XXXXXX	
<i>L. fordii-2-5</i>	65.85	55.41	66.05	conserved	conserved	conserved	XXXXXX	
<b><i>L. fordii-2-6</i></b>	<b>52.05</b>	<b>47.77</b>	<b>51.64</b>	<b>nt-16</b>	<b>nt-6,7</b>	<b>nt-2,7</b>	----	<b>pseudogene</b>
<i>L. fordii-2-7</i>	63.45	54.78	64.79	conserved	conserved	conserved	XXXXXX	
<b><i>L. fordii-2-8</i></b>	<b>46.55</b>	<b>41.76</b>	<b>46.43</b>	<b>nt-1,12, 16</b>	<b>nt-6,14</b>	<b>nt-8,9,10</b>	X---	<b>pseudogene</b>
<b><i>L. fordii-2-9</i></b>	<b>51.64</b>	<b>47.77</b>	<b>51.64</b>	<b>nt-16</b>	<b>nt-6,7</b>	<b>nt-2,7</b>	----	<b>pseudogene</b>
<i>L. formosa-1-1</i>	64.92	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<b><i>L. formosa-1-2</i></b>	<b>47.41</b>	<b>41.24</b>	<b>47.88</b>	<b>nt-9,12, 16</b>	<b>nt-6,14</b>	<b>nt-8,9,10</b>	----	<b>pseudogene</b>
<i>L. formosa-1-3</i>	64.75	54.14	67.61	conserved	conserved	conserved	XXXXXX	
<i>L. formosa-1-4</i>	64.92	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. formosa-1-5</i>	64.92	54.78	67.61	conserved	conserved		XXXXXX	
<b><i>L. formosa-1-6</i></b>	63.11	<b>52.87</b>	<b>63.85</b>	conserved	<b>nt-6</b>	conserved	XXXXXX	<b>pseudogene</b>
<i>L. formosa-1-7</i>	65.73	54.78	67.61	conserved	conserved	conserved	XXXXXX	
<i>L. formosa-1-8</i>	64.92	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. formosa-1-9</i>	64.92	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<b><i>L. formosa-1-10</i></b>	<b>60.25</b>	<b>50.96</b>	<b>61.03</b>	conserved	conserved	<b>nt-9</b>	<b>XX--</b>	<b>pseudogene</b>
<i>L. formosa-2-1</i>	64.92	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. formosa-2-2</i>	65.32	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. formosa-2-3</i>	64.92	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. formosa-2-4</i>	65.73	54.78	68.54	conserved	conserved	conserved	XXXXXX	
<i>L. formosa-2-5</i>	64.92	54.78	67.61	conserved	conserved	conserved	XXXXXX	
<i>L. formosa-2-6</i>	63.31	54.14	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. formosa-2-7</i>	64.92	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. formosa-2-8</i>	65.73	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. formosa-2-9</i>	64.92	54.14	67.61	conserved	conserved	conserved	XXXXXX	
<i>L. formosa-2-10</i>	65.32	53.50	66.67	conserved	conserved	conserved	XXXXXX	
<i>L. formosa-4-1</i>	65.87	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. formosa-4-2</i>	66.27	54.78	67.61	conserved	conserved	conserved	XXXXXX	
<b><i>L. formosa-4-3</i></b>	63.11	53.50	65.10	conserved	<b>nt-7</b>	<b>nt-1</b>	<b>-XXXX</b>	<b>pseudogene</b>
<i>L. formosa-4-4</i>	64.14	54.78	67.14	conserved	conserved	conserved	XXXXXX	
<i>L. formosa-4-5</i>	66.13	54.78	68.08	conserved	conserved	conserved	XXXXXX	

<i>L. formosa</i> -4-6	64.94	54.78	67.61	conserved	conserved	conserved	XXXXXX	
<i>L. formosa</i> -4-7	67.06	54.78	67.61	conserved	conserved	conserved	XXXXXX	
<i>L. formosa</i> -4-8	64.92	55.41	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. formosa</i> -4-9	66.27	54.78	67.61	conserved	conserved	conserved	XXXXXX	
<i>L. formosa</i> -4-10	64.54	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<b><i>L. formosa</i>-5-1</b>	<b>57.74</b>	<b>49.68</b>	<b>57.75</b>	conserved	<b>nt-7</b>	<b>nt-7</b>	<b>XX-X</b>	<b>pseudogene</b>
<i>L. formosa</i> -5-2	65.46	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. formosa</i> -5-3	65.86	54.14	67.61	conserved	conserved	conserved	XXXXXX	
<i>L. formosa</i> -5-4	64.92	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. formosa</i> -5-5	65.86	54.78	67.61	conserved	conserved	conserved	XXXXXX	
<i>L. formosa</i> -5-6	65.32	54.78	68.54	conserved	conserved	conserved	XXXXXX	
<i>L. formosa</i> -5-7	65.32	54.78	67.61	conserved	conserved	conserved	XXXXXX	
<i>L. formosa</i> -5-8	65.32	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<b><i>L. formosa</i>-5-9</b>	<b>58.51</b>	<b>51.28</b>	<b>59.62</b>	<b>nt-14</b>	conserved	<b>nt-4</b>	<b>XX-X-</b>	<b>pseudogene</b>
<b><i>L. formosa</i>-5-10</b>	<b>58.51</b>	<b>51.28</b>	<b>59.62</b>	<b>nt-14</b>	conserved	<b>nt-4</b>	<b>XX-X-</b>	<b>pseudogene</b>
<i>L. forrestii</i> -1	66.26	54.78	66.05	conserved	conserved	conserved	XXXXXX	
<i>L. forrestii</i> -2	65.85	54.78	66.51	conserved	conserved	conserved	XXXXXX	
<i>L. forrestii</i> -3	66.26	54.78	66.05	conserved	conserved	conserved	XXXXXX	
<i>L. forrestii</i> -4	65.85	54.78	66.05	conserved	conserved	conserved	XXXXXX	
<i>L. forrestii</i> -5	66.85	54.78	66.05	conserved	conserved	conserved	XXXXXX	
<i>L. forrestii</i> -6	65.85	54.78	66.05	conserved	conserved	conserved	XXXXXX	
<i>L. forrestii</i> -7	66.67	54.78	66.05	conserved	conserved	conserved	XXXXXX	
<i>L. forrestii</i> -8	65.85	54.78	66.05	conserved	conserved	conserved	XXXXXX	
<i>L. forrestii</i> -9	66.26	54.78	66.05	conserved	conserved	conserved	XXXXXX	
<i>L. hengduanshan ensis</i> -1	64.63	54.14	66.04	conserved	conserved	conserved	XXXXXX	
<i>L. hengduanshan ensis</i> -2	64.63	54.78	66.20	conserved	conserved	conserved	XXXXXX	
<i>L. hengduanshan ensis</i> -3	65.04	55.41	65.73	conserved	conserved	conserved	XXXXXX	
<i>L. hengduanshan ensis</i> -4	64.63	55.41	65.73	conserved	conserved	conserved	XXXXXX	
<i>L. hengduanshan ensis</i> -5	64.63	54.78	66.20	conserved	conserved	conserved	XXXXXX	
<i>L. hengduanshan ensis</i> -6	65.04	54.78	66.20	conserved	conserved	conserved	XXXXXX	
<i>L. hengduanshan ensis</i> -7	64.63	54.78	66.20	conserved	conserved	conserved	XXXXXX	
<i>L. hengduanshan ensis</i> -8	63.01	54.78	66.20	conserved	conserved	conserved	XXXXXX	
<i>L. hengduanshan ensis</i> -9	64.63	54.78	66.20	conserved	conserved	conserved	XXXXXX	
<i>L. hengduanshan ensis</i> -10	63.82	54.78	65.73	conserved	conserved	conserved	XXXXXX	
<i>L. hirta</i> -1	61.22	54.78	64.35	conserved	conserved	conserved	XXXXXX	
<i>L. hirta</i> -2	61.22	54.78	64.35	conserved	conserved	conserved	XXXXXX	
<i>L. hirta</i> -3	61.22	54.78	64.35	conserved	conserved	conserved	XXXXXX	
<i>L. hirta</i> -4	61.22	54.78	64.35	conserved	conserved	conserved	XXXXXX	
<i>L. hirta</i> -5	61.22	54.78	64.35	conserved	conserved	conserved	XXXXXX	
<i>L. hirta</i> -6	61.22	54.78	63.89	conserved	conserved	conserved	XXXXXX	
<i>L. hirta</i> -7	61.22	54.78	63.89	conserved	conserved	conserved	XXXXXX	
<i>L. hirta</i> -8	61.22	54.78	64.35	conserved	conserved	conserved	XXXXXX	

<i>L. hirta-9</i>	61.22	54.78	64.35	conserved	conserved	conserved	XXXXX	
<i>L. hispida-1</i>	65.86	55.41	69.48	conserved	conserved	conserved	XXXXX	
<i>L. hispida-2</i>	65.86	55.41	69.48	conserved	conserved	conserved	XXXXX	
<i>L. hispida-3</i>	65.86	55.41	69.48	conserved	conserved	conserved	XXXXX	
<i>L. hispida-4</i>	65.86	55.41	69.01	conserved	conserved	conserved	XXXXX	
<i>L. hispida-5</i>	65.86	55.41	69.48	conserved	conserved	conserved	XXXXX	
<i>L. hispida-6</i>	65.86	56.05	69.48	conserved	conserved	conserved	XXXXX	
<i>L. hispida-7</i>	65.86	55.41	69.48	conserved	conserved	conserved	XXXXX	
<i>L. hispida-8</i>	66.27	55.41	69.48	conserved	conserved	conserved	XXXXX	
<i>L. homoloba-1</i>	65.20	54.78	67.61	conserved	conserved	conserved	XXXXX	
<i>L. homoloba-2</i>	65.20	54.78	67.61	conserved	conserved	conserved	XXXXX	
<i>L. homoloba-3</i>	65.60	54.78	67.61	conserved	conserved	conserved	XXXXX	
<i>L. homoloba-4</i>	65.60	54.78	67.61	conserved	conserved	conserved	XXXXX	
<i>L. homoloba-5</i>	65.20	54.78	67.61	conserved	conserved	conserved	XXXXX	
<i>L. homoloba-6</i>	65.20	54.78	68.08	conserved	conserved	conserved	XXXXX	
<i>L. homoloba-7</i>	65.20	54.78	67.61	conserved	conserved	conserved	XXXXX	
<i>L. homoloba-8</i>	65.20	54.78	67.61	conserved	conserved	conserved	XXXXX	
<i>L. homoloba-9</i>	65.20	54.78	67.61	conserved	conserved	conserved	XXXXX	
<i>L. inschnica-2-1</i>	63.71	54.78	66.67	conserved	conserved	conserved	XXXXX	
<b><i>L. inschnica-2-2</i></b>	<b>61.48</b>	<b>52.23</b>	<b>63.85</b>	conserved	<b>nt-7</b>	<b>nt-8</b>	<b>XXX-X</b>	<b>pseudogene</b>
<i>L. inschnica-2-3</i>	63.71	54.78	66.67	conserved	conserved	conserved	XXXXX	
<i>L. inschnica-2-4</i>	63.71	54.78	66.67	conserved	conserved	conserved	XXXXX	
<i>L. inschnica-2-5</i>	63.71	54.78	66.67	conserved	conserved	conserved	XXXXX	
<i>L. inschnica-2-6</i>	63.71	55.41	66.67	conserved	conserved	conserved	XXXXX	
<i>L. inschnica-2-7</i>	63.71	54.78	66.67	conserved	conserved	conserved	XXXXX	
<i>L. inschnica-2-8</i>	63.71	54.78	66.67	conserved	conserved	conserved	XXXXX	
<i>L. inschnica-2-9</i>	63.71	54.78	67.14	conserved	conserved	conserved	XXXXX	
<i>L. inschnica-2-10</i>	64.11	54.78	66.67	conserved	conserved	conserved	XXXXX	
<i>L. intermedia-1</i>	63.37	54.78	63.38	conserved	conserved	conserved	XXXXX	
<i>L. intermedia-2</i>	62.96	53.50	63.85	conserved	conserved	conserved	XXXXX	
<i>L. intermedia-3</i>	62.96	54.78	63.38	conserved	conserved	conserved	XXXXX	
<i>L. intermedia-4</i>	62.96	54.78	63.38	conserved	conserved	conserved	XXXXX	
<i>L. intermedia-5</i>	62.55	54.78	63.38	conserved	conserved	conserved	XXXXX	
<i>L. intermedia-6</i>	63.37	54.78	63.38	conserved	conserved	conserved	XXXXX	
<i>L. intermedia-7</i>	62.96	54.78	63.38	conserved	conserved	conserved	XXXXX	
<i>L. intermedia-8</i>	62.96	54.78	63.38	conserved	conserved	conserved	XXXXX	
<i>L. intermedia-9</i>	62.96	53.50	63.85	conserved	conserved	conserved	XXXXX	
<i>L. intermedia-10</i>	62.96	54.78	63.38	conserved	conserved	conserved	XXXXX	
<i>L. intermedia-11</i>	62.96	54.78	63.38	conserved	conserved	conserved	XXXXX	
<b><i>L. jiangxiensis-1-1</i></b>	<b>58.61</b>	<b>50.96</b>	<b>59.62</b>	<b>nt-16</b>	conserved	<b>conserved</b>	<b>XXXX-</b>	<b>pseudogene</b>
<i>L. jiangxiensis-1-2</i>	64.78	54.78	67.61	conserved	conserved	conserved	XXXXX	
<i>L. jiangxiensis-1-3</i>	64.78	54.78	65.26	conserved	conserved	conserved	XXXXX	
<i>L. jiangxiensis-1-4</i>	64.78	54.78	66.67	conserved	conserved	conserved	XXXXX	
<i>L. jiangxiensis-1-5</i>	64.78	54.78	66.67	conserved	conserved	conserved	XXXXX	
<b><i>L. jiangxiensis-1-6</i></b>	<b>58.61</b>	54.03	66.67	conserved	<b>nt-1</b>	<b>all missing</b>	<b>XXX--</b>	<b>pseudogene</b>
<i>L. jiangxiensis-1-7</i>	65.18	54.78	68.08	conserved	conserved	conserved	XXXXX	
<i>L. jiangxiensis-1-8</i>	64.78	54.78	66.67	conserved	conserved	conserved	XXXXX	
<i>L. jiangxiensis-1-9</i>	64.78	54.78	66.67	conserved	conserved	conserved	XXXXX	
<i>L. jiangxiensis-1-10</i>	65.18	54.78	68.08	conserved	conserved	conserved	XXXXX	
<i>L. jiangxiensis-2-1</i>	64.37	54.78	66.67	conserved	conserved	conserved	XXXXX	
<i>L. jiangxiensis-2-2</i>	64.78	54.78	66.67	conserved	conserved	conserved	XXXXX	

<i>L. jiangxiensis</i> -2-3	64.78	54.78	66.67	conserved	conserved	conserved	XXXXXX	
<i>L. jiangxiensis</i> -2-4	64.78	54.78	67.14	conserved	conserved	conserved	XXXXXX	
<b><i>L. jiangxiensis</i>-2-5</b>	64.78	54.78	<b>63.38</b>	conserved	conserved	conserved	XXXXXX	<b>pseudogene</b>
<i>L. jiangxiensis</i> -2-6	65.18	54.78	68.54	conserved	conserved	conserved	XXXXXX	
<i>L. jiangxiensis</i> -2-7	65.18	54.78	68.54	conserved	conserved	conserved	XXXXXX	
<i>L. jiangxiensis</i> -2-8	64.98	54.78	67.96	conserved	conserved	conserved	XXXXXX	
<i>L. jiangxiensis</i> -2-9	65.59	54.78	68.54	conserved	conserved	conserved	XXXXXX	
<i>L. jiangxiensis</i> -2-10	65.18	54.78	66.20	conserved	conserved	conserved	XXXXXX	
<i>L. juncea</i> -3-1	64.52	54.78	66.67	conserved	conserved	conserved	XXXXXX	
<i>L. juncea</i> -3-2	63.71	54.78	66.67	conserved	conserved	conserved	XXXXXX	
<i>L. juncea</i> -3-3	63.71	54.78	66.67	conserved	conserved	conserved	XXXXXX	
<i>L. juncea</i> -3-4	63.71	54.78	66.67	conserved	conserved	conserved	XXXXXX	
<i>L. juncea</i> -3-5	63.31	54.78	66.20	conserved	conserved	conserved	XXXXXX	
<i>L. juncea</i> -3-6	63.71	54.78	66.67	conserved	conserved	conserved	XXXXXX	
<i>L. lichiyuniae</i> -3-1	65.18	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. lichiyuniae</i> -3-2	65.18	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. lichiyuniae</i> -3-3	65.18	54.78	67.61	conserved	conserved	conserved	XXXXXX	
<i>L. lichiyuniae</i> -3-4	64.78	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<b><i>L. lichiyuniae</i>-3-5</b>	<b>60.08</b>	<b>51.59</b>	<b>58.69</b>	<b>nt-16</b>	<b>nt-7</b>	<b>conserved</b>	XXXXXX	<b>pseudogene</b>
<i>L. lichiyuniae</i> -3-6	64.78	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. lichiyuniae</i> -3-7	65.18	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<b><i>L. lichiyuniae</i>-3-8</b>	65.18	54.78	<b>60.09</b>	conserved	conserved	conserved	<b>XXXX-</b>	<b>pseudogene</b>
<i>L. lichiyuniae</i> -3-9	65.18	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. lichiyuniae</i> -3-10	64.78	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. maximowiczii</i> -1-1	65.32	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. maximowiczii</i> -1-2	66.27	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. maximowiczii</i> -1-3	66.27	54.78	67.61	conserved	conserved	conserved	XXXXXX	
<i>L. maximowiczii</i> -1-4	66.67	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. maximowiczii</i> -1-5	66.27	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. maximowiczii</i> -1-6	65.73	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. maximowiczii</i> -1-7	66.27	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. maximowiczii</i> -1-8	66.27	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. maximowiczii</i> -2-1	65.87	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. maximowiczii</i> -2-2	66.27	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. maximowiczii</i> -2-3	64.92	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. maximowiczii</i> -2-4	66.27	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. maximowiczii</i> -2-5	66.00	54.78	68.54	conserved	conserved	conserved	XXXXXX	
<i>L. maximowiczii</i> -2-6	65.87	54.78	68.54	conserved	conserved	conserved	XXXXXX	
<i>L. maximowiczii</i> -2-7	65.87	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. maximowiczii</i> -2-8	66.27	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. maximowiczii</i> -2-9	64.92	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. maximowiczii</i> -2-10	66.67	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. melanantha</i> -1	66.40	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. melanantha</i> -2	66.40	55.41	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. melanantha</i> -3	66.40	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. melanantha</i> -4	66.40	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. melanantha</i> -5	66.40	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. melanantha</i> -6	66.40	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. melanantha</i> -7	66.40	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. patens</i> -1	65.06	54.78	68.08	conserved	conserved	conserved	XXXXXX	

<i>L. patens-2</i>	<b>61.63</b>	54.14	<b>64.32</b>	conserved	conserved	conserved	XXXXX	<b>pseudogene</b>
<i>L. patens-3</i>	65.85	55.41	67.14	conserved	conserved	conserved	XXXXX	
<i>L. patens-4</i>	<b>57.74</b>	54.14	<b>61.03</b>	conserved	conserved	conserved	XXXX-	<b>pseudogene</b>
<i>L. patens-5</i>	<b>56.49</b>	<b>59.18</b>	<b>60.09</b>	<b>missing 4-16</b>	<b>all missing</b>	<b>nt-2</b>	---XX	<b>pseudogene</b>
<i>L. patens-6</i>	<b>58.09</b>	<b>49.68</b>	<b>57.28</b>	<b>nt-16</b>	conserved	<b>nt-7</b>	<b>XX-XX</b>	<b>pseudogene</b>
<i>L. patens-7</i>	65.32	54.78	68.08	conserved	conserved	conserved	XXXXX	
<i>L. patens-8</i>	65.18	55.41	68.08	conserved	conserved	conserved	XXXXX	
<i>L. patens-9</i>	64.92	54.78	67.61	conserved	conserved	conserved	XXXXX	
<i>L. patens-10</i>	<b>54.20</b>	<b>42.31</b>	<b>47.02</b>	<b>nt-9,12,16</b>	<b>nt-6,14</b>	<b>nt-8,9,10</b>	----	<b>pseudogene</b>
<i>L. pilosa-1</i>	64.78	54.78	67.14	conserved	conserved	conserved	XXXXX	
<i>L. pilosa-2</i>	64.78	54.78	66.67	conserved	conserved	conserved	XXXXX	
<i>L. pilosa-3</i>	64.78	54.78	67.14	conserved	conserved	conserved	XXXXX	
<i>L. pilosa-4</i>	64.78	54.78	66.67	conserved	conserved	conserved	XXXXX	
<i>L. pilosa-5</i>	64.78	54.78	66.67	conserved	conserved	conserved	XXXXX	
<i>L. pilosa-6</i>	64.78	54.78	66.67	conserved	conserved	conserved	XXXXX	
<i>L. pilosa-7</i>	65.18	54.78	66.67	conserved	conserved	conserved	XXXXX	
<i>L. pilosa-8</i>	65.18	54.78	66.67	conserved	conserved	conserved	XXXXX	
<i>L. pilosa-9</i>	64.78	54.78	66.67	conserved	conserved	conserved	XXXXX	
<i>L. potaninii-3-1</i>	63.71	54.78	67.61	conserved	conserved	conserved	XXXXX	
<i>L. potaninii-3-2</i>	63.31	54.14	67.61	conserved	conserved	conserved	XXXXX	
<i>L. potaninii-3-3</i>	63.71	54.78	67.61	conserved	conserved	conserved	XXXXX	
<i>L. potaninii-3-4</i>	62.90	54.78	67.14	conserved	conserved	conserved	XXXXX	
<i>L. potaninii-3-5</i>	63.05	54.78	67.61	conserved	conserved	conserved	XXXXX	
<i>L. potaninii-3-6</i>	63.71	54.78	67.61	conserved	conserved	conserved	XXXXX	
<i>L. potaninii-3-7</i>	63.31	54.78	67.14	conserved	conserved	conserved	XXXXX	
<i>L. potaninii-3-8</i>	63.31	54.78	67.14	conserved	conserved	conserved	XXXXX	
<i>L. repens-1</i>	63.37	54.49	64.79	conserved	conserved	conserved	XXXXX	
<i>L. repens-2</i>	62.96	54.78	64.32	conserved	conserved	conserved	XXXXX	
<i>L. repens-3</i>	62.96	54.78	64.79	conserved	conserved	conserved	XXXXX	
<i>L. repens-4</i>	62.96	54.78	64.79	conserved	conserved	conserved	XXXXX	
<i>L. repens-5</i>	63.37	54.49	64.79	conserved	conserved	conserved	XXXXX	
<i>L. repens-6</i>	62.96	54.78	64.32	conserved	conserved	conserved	XXXXX	
<i>L. repens-7</i>	62.96	54.78	64.32	conserved	conserved	conserved	XXXXX	
<i>L. repens-8</i>	62.96	54.78	64.32	conserved	conserved	conserved	XXXXX	
<i>L. repens-9</i>	62.96	54.78	64.32	conserved	conserved	conserved	XXXXX	
<i>L. stuevei-1</i>	62.96	54.78	63.38	conserved	conserved	conserved	XXXXX	
<i>L. stuevei-2</i>	62.96	54.78	63.38	conserved	conserved	conserved	XXXXX	
<i>L. stuevei-3</i>	62.20	54.78	63.38	conserved	conserved	conserved	XXXXX	
<i>L. stuevei-4</i>	62.96	54.78	63.38	conserved	conserved	conserved	XXXXX	
<i>L. stuevei-5</i>	62.96	54.78	63.38	conserved	conserved	conserved	XXXXX	
<i>L. stuevei-6</i>	62.55	54.78	63.38	conserved	conserved	conserved	XXXXX	
<i>L. stuevei-7</i>	62.96	54.78	63.38	conserved	conserved	conserved	XXXXX	
<i>L. stuevei-8</i>	62.96	54.78	63.38	conserved	conserved	conserved	XXXXX	
<i>L. stuevei-9</i>	62.55	54.78	63.38	conserved	conserved	conserved	XXXXX	
<i>L. stuevei-10</i>	62.96	54.78	63.38	conserved	conserved	conserved	XXXXX	
<i>L. tomentosa-1-1</i>	62.03	55.41	63.30	conserved	conserved	conserved	XXXXX	
<i>L. tomentosa-1-2</i>	62.03	55.41	63.30	conserved	conserved	conserved	XXXXX	
<i>L. tomentosa-1-3</i>	62.45	55.41	63.30	conserved	conserved	conserved	XXXXX	
<i>L. tomentosa-1-4</i>	62.03	55.41	63.30	conserved	conserved	conserved	XXXXX	
<i>L. tomentosa-1-5</i>	62.03	55.41	63.30	conserved	conserved	conserved	XXXXX	

<i>L. tomentosa</i> -1-6	62.03	55.41	63.30	conserved	conserved	conserved	XXXXXX	
<i>L. tomentosa</i> -1-7	61.60	55.41	63.30	conserved	conserved	conserved	XXXXXX	
<i>L. tomentosa</i> -1-8	62.03	55.41	63.30	conserved	conserved	conserved	XXXXXX	
<i>L. tomentosa</i> -1-9	62.03	55.41	63.30	conserved	conserved	conserved	XXXXXX	
<i>L. tomentosa</i> -1-10	62.03	55.41	63.30	conserved	conserved	conserved	XXXXXX	
<i>L. violacea</i> -1	62.96	54.78	64.32	conserved	conserved	conserved	XXXXXX	
<i>L. violacea</i> -2	62.96	54.78	64.32	conserved	conserved	conserved	XXXXXX	
<i>L. violacea</i> -3	62.96	54.78	64.32	conserved	conserved	conserved	XXXXXX	
<i>L. violacea</i> -4	62.96	54.78	64.32	conserved	conserved	conserved	XXXXXX	
<i>L. violacea</i> -5	62.96	54.14	64.32	conserved	conserved	conserved	XXXXXX	
<i>L. violacea</i> -6	62.96	54.78	64.32	conserved	conserved	conserved	XXXXXX	
<i>L. violacea</i> -7	62.96	54.78	64.32	conserved	conserved	conserved	XXXXXX	
<i>L. violacea</i> -8	62.96	54.78	64.32	conserved	conserved	conserved	XXXXXX	
<i>L. violacea</i> -9	62.96	54.78	64.32	conserved	conserved	conserved	XXXXXX	
<i>L. violacea</i> -10	62.96	54.78	64.32	conserved	conserved	conserved	XXXXXX	
<i>L. virgata</i> -2-1	60.34	54.78	62.91	conserved	conserved	conserved	XXXXXX	
<i>L. virgata</i> -2-2	60.76	54.78	62.91	conserved	conserved	conserved	XXXXXX	
<i>L. virgata</i> -2-3	60.76	54.78	62.91	conserved	conserved	conserved	XXXXXX	
<i>L. virgata</i> -2-4	60.76	54.78	62.91	conserved	conserved	conserved	XXXXXX	
<i>L. virgata</i> -2-5	60.76	54.78	62.91	conserved	conserved	conserved	XXXXXX	
<i>L. virgata</i> -2-6	60.76	54.78	62.91	conserved	conserved	conserved	XXXXXX	
<i>L. virgata</i> -2-7	60.76	54.78	62.91	conserved	conserved	conserved	XXXXXX	
<i>L. virgata</i> -2-8	60.76	54.78	62.91	conserved	conserved	conserved	XXXXXX	
<i>L. virgata</i> -2-9	61.18	54.78	63.38	conserved	conserved	conserved	XXXXXX	
<i>L. virgata</i> -2-10	60.76	54.78	62.91	conserved	conserved	conserved	XXXXXX	
<i>L. virginica</i> -1	62.96	54.78	63.85	conserved	conserved	conserved	XXXXXX	
<i>L. virginica</i> -2	62.96	54.78	63.85	conserved	conserved	conserved	XXXXXX	
<i>L. virginica</i> -3	62.96	54.78	63.85	conserved	conserved	conserved	XXXXXX	
<i>L. virginica</i> -4	62.96	54.78	63.85	conserved	conserved	conserved	XXXXXX	
<i>L. virginica</i> -5	62.96	54.78	63.85	conserved	conserved	conserved	XXXXXX	
<i>L. virginica</i> -6	62.96	54.78	63.85	conserved	conserved	conserved	XXXXXX	
<i>L. virginica</i> -7	62.96	54.78	63.85	conserved	conserved	conserved	XXXXXX	
<i>L. virginica</i> -8	62.96	54.78	63.85	conserved	conserved	conserved	XXXXXX	
<i>L. virginica</i> -9	62.96	54.78	63.85	conserved	conserved	conserved	XXXXXX	
<i>L. wilfordii</i> -1-1	65.32	54.78	68.54	conserved	conserved	conserved	XXXXXX	
<i>L. wilfordii</i> -1-2	65.32	54.78	68.54	conserved	conserved	conserved	XXXXXX	
<i>L. wilfordii</i> -1-3	64.92	54.78	68.54	conserved	conserved	conserved	XXXXXX	
<i>L. wilfordii</i> -1-4	65.32	55.41	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. wilfordii</i> -1-5	65.73	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. wilfordii</i> -1-6	65.73	55.41	67.61	conserved	conserved	conserved	XXXXXX	
<b><i>L. wilfordii</i>-1-7</b>	65.73	53.50	<b>60.56</b>	conserved	conserved	conserved	<b>XXXX-</b>	<b>pseudogene</b>
<i>L. wilfordii</i> -1-8	65.99	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. wilfordii</i> -1-9	65.32	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. wilfordii</i> -1-10	65.32	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<b><i>L. wilfordii</i>-2-1</b>	<b>61.89</b>	<b>51.92</b>	<b>60.09</b>	<b>nt-14</b>	conserved	<b>nt-4</b>	<b>XXXX-</b>	<b>pseudogene</b>
<i>L. wilfordii</i> -2-2	65.99	54.78	68.54	conserved	conserved	conserved	XXXXXX	
<b><i>L. wilfordii</i>-2-3</b>	63.93	54.78	<b>62.91</b>	conserved	conserved	conserved	XXXXXX	<b>pseudogene</b>
<i>L. wilfordii</i> -2-4	65.99	54.78	68.54	conserved	conserved	conserved	XXXXXX	
<i>L. wilfordii</i> -2-5	65.73	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. wilfordii</i> -2-6	65.99	54.78	68.54	conserved	conserved	conserved	XXXXXX	
<b><i>L. wilfordii</i>-2-7</b>	<b>59.43</b>	<b>51.92</b>	<b>59.62</b>	<b>nt-14</b>	conserved	<b>nt-4</b>	<b>XXXX-</b>	<b>pseudogene</b>

<i>L. wilfordii</i> -2-8	<b>46.98</b>	<b>42.31</b>	<b>47.62</b>	<b>nt-8,9,12,16</b>	<b>nt-6,14</b>	<b>nt-8,9,10</b>	-----	<b>pseudogene</b>
<i>L. wilfordii</i> -2-9	<b>59.84</b>	<b>51.92</b>	<b>60.09</b>	<b>nt-14</b>	conserved	<b>nt-4</b>	<b>XXXX-</b>	<b>pseudogene</b>
<i>L. wilfordii</i> -3-1	66.27	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. wilfordii</i> -3-2	65.87	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. wilfordii</i> -3-3	<b>54.51</b>	<b>51.59</b>	<b>59.62</b>	<b>nt-2,11</b>	<b>nt-9</b>	conserved	<b>X-XXX</b>	<b>pseudogene</b>
<i>L. wilfordii</i> -3-4	65.87	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. wilfordii</i> -3-5	65.87	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. wilfordii</i> -3-6	65.87	54.78	68.08	conserved	conserved	conserved	XXXXXX	
<i>L. wilfordii</i> -3-7	66.27	54.14	68.08	conserved	conserved	conserved	XXXXXX	

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