Figure S1. Sequence alignment of the atpA gene. Red: homologous nucleotides in comparison with the reference sequence of soybean (*Glycine max*, GenBank acc. No. Z14031.1); green: newly designed LAMP primers targeting the atpA gene of soybean (*Glycine max*, GenBank acc. No. Z14031.1)

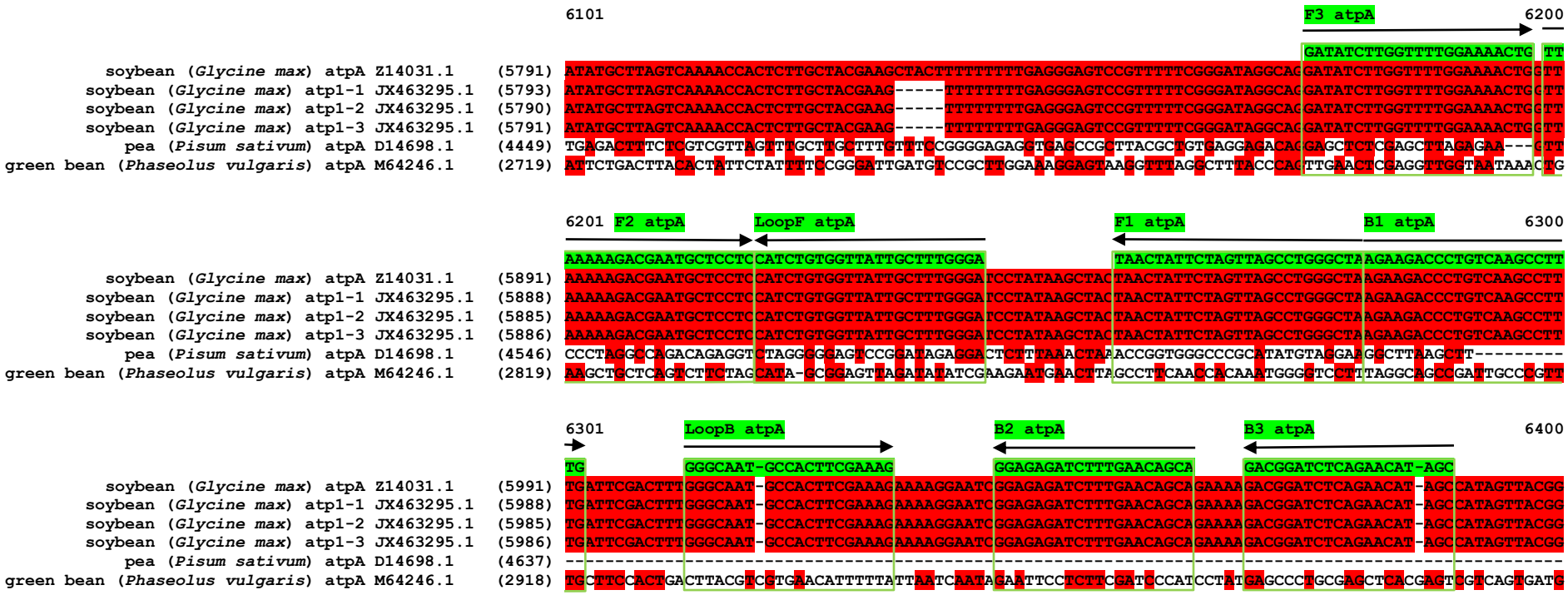
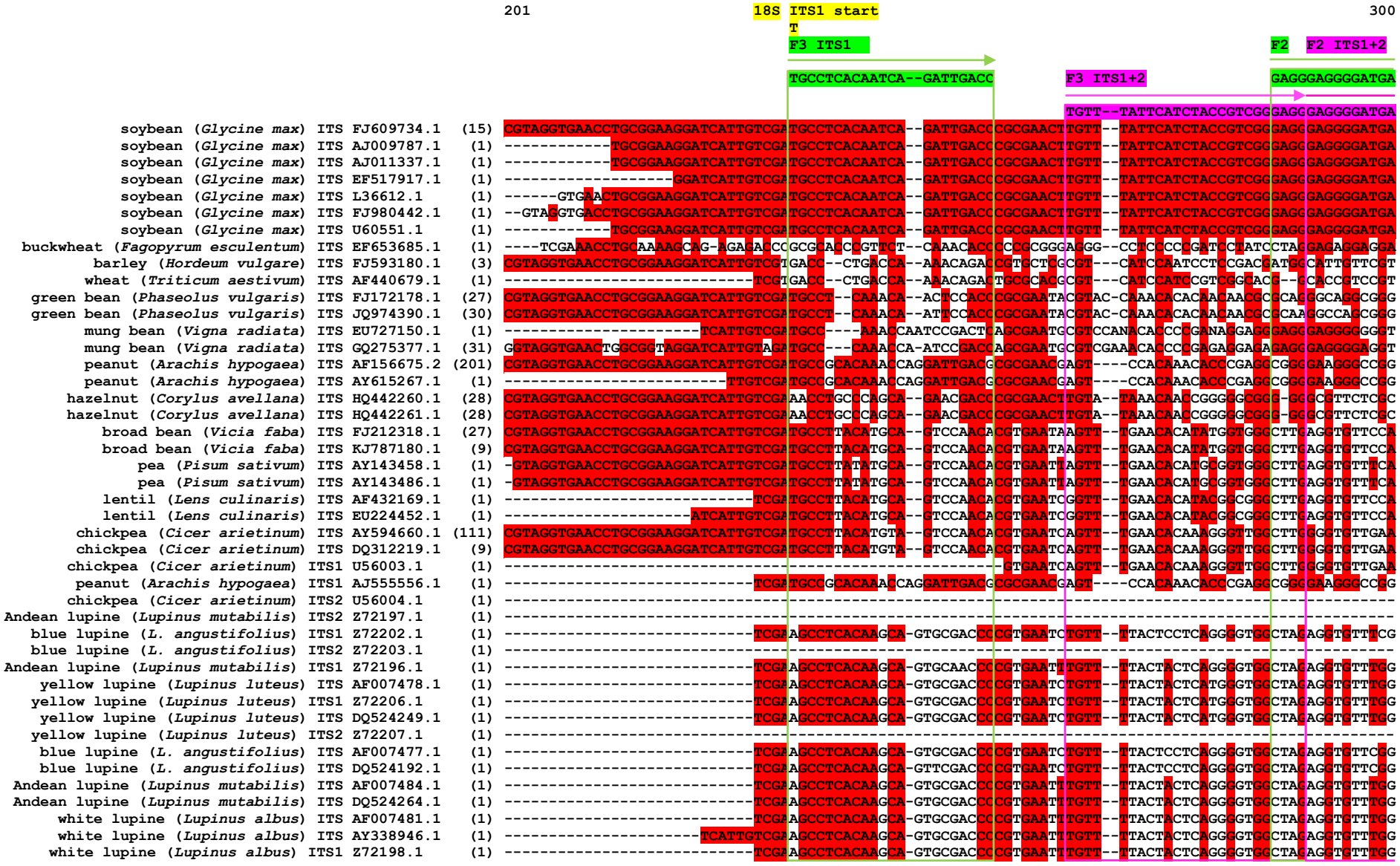
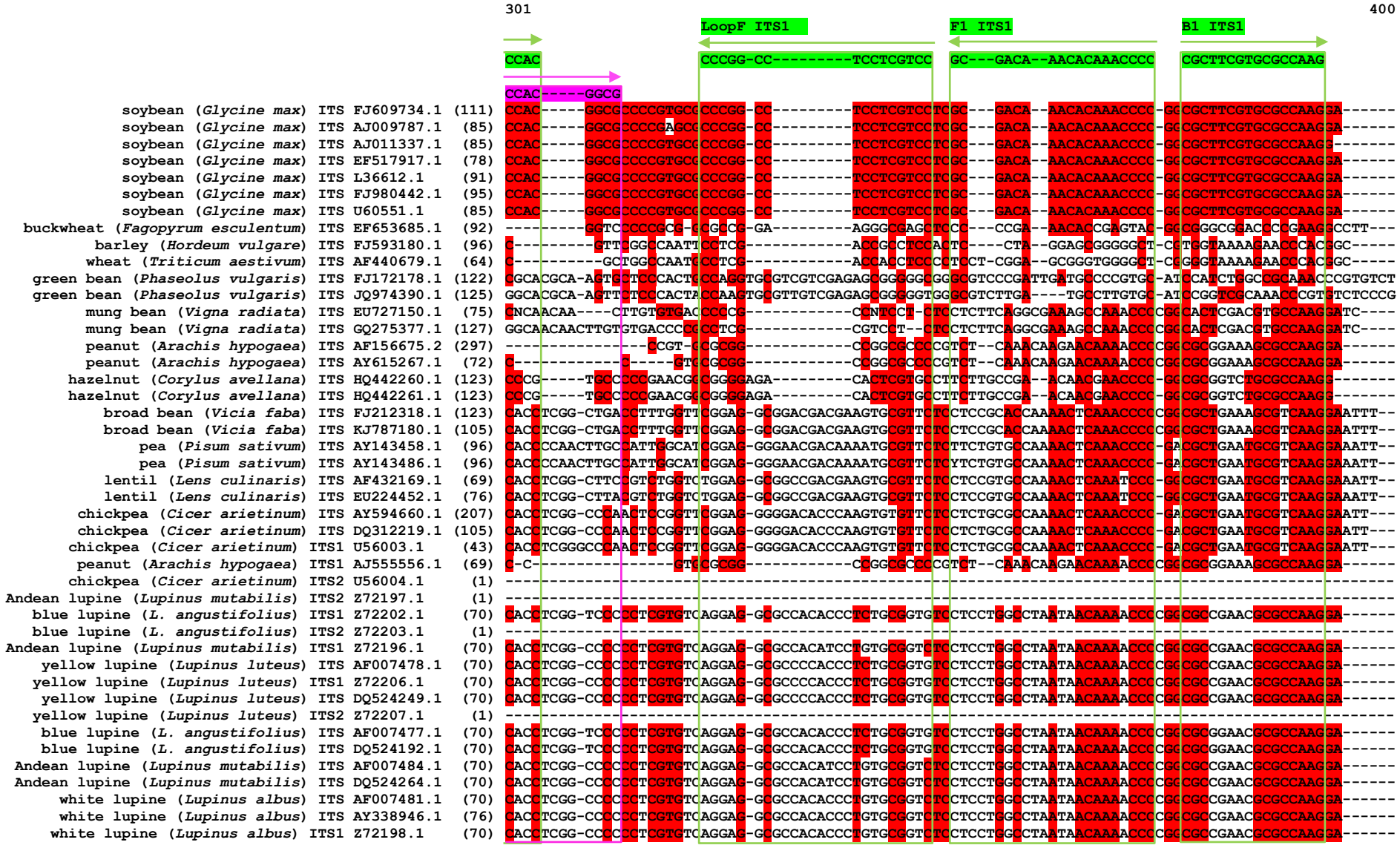
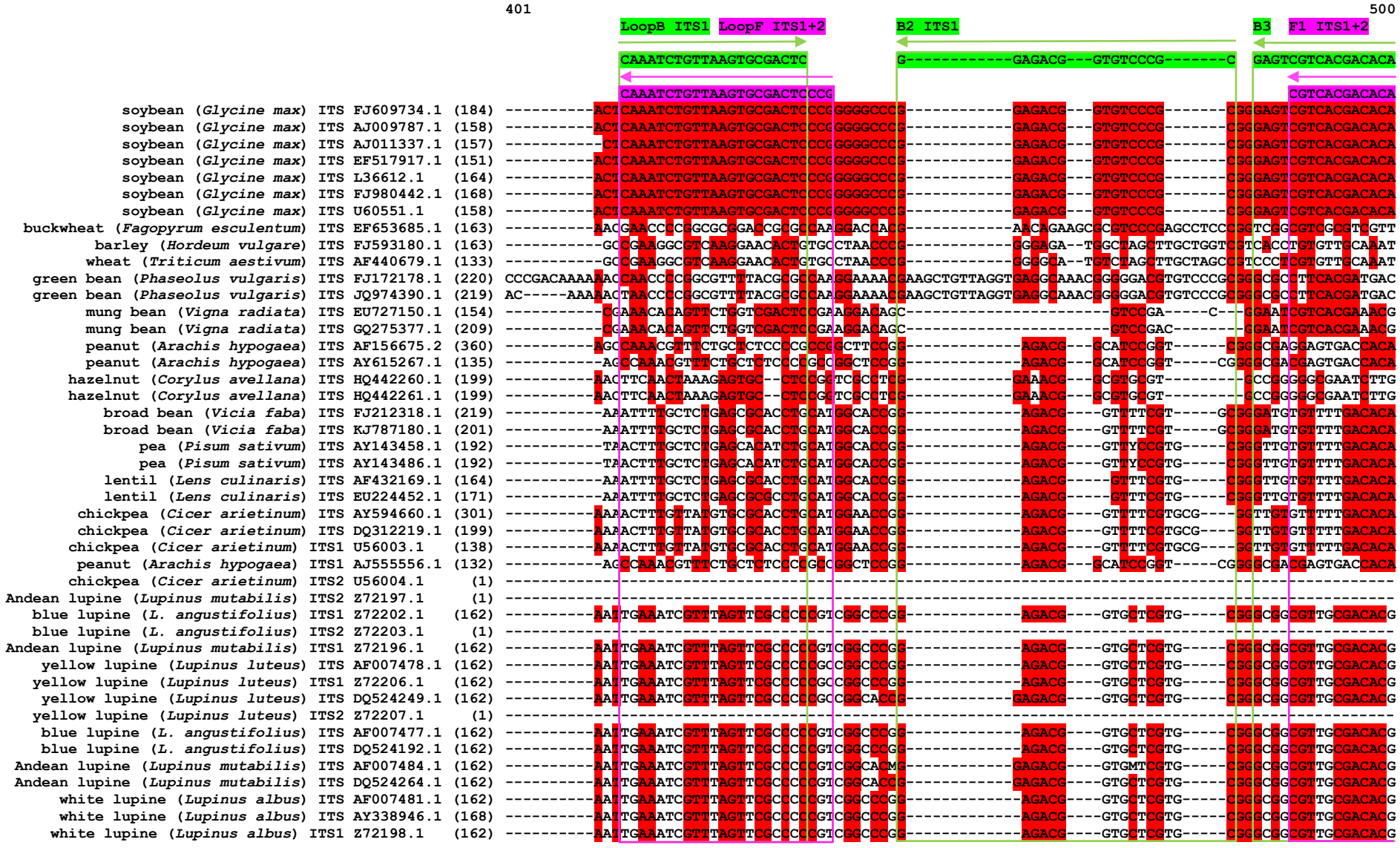
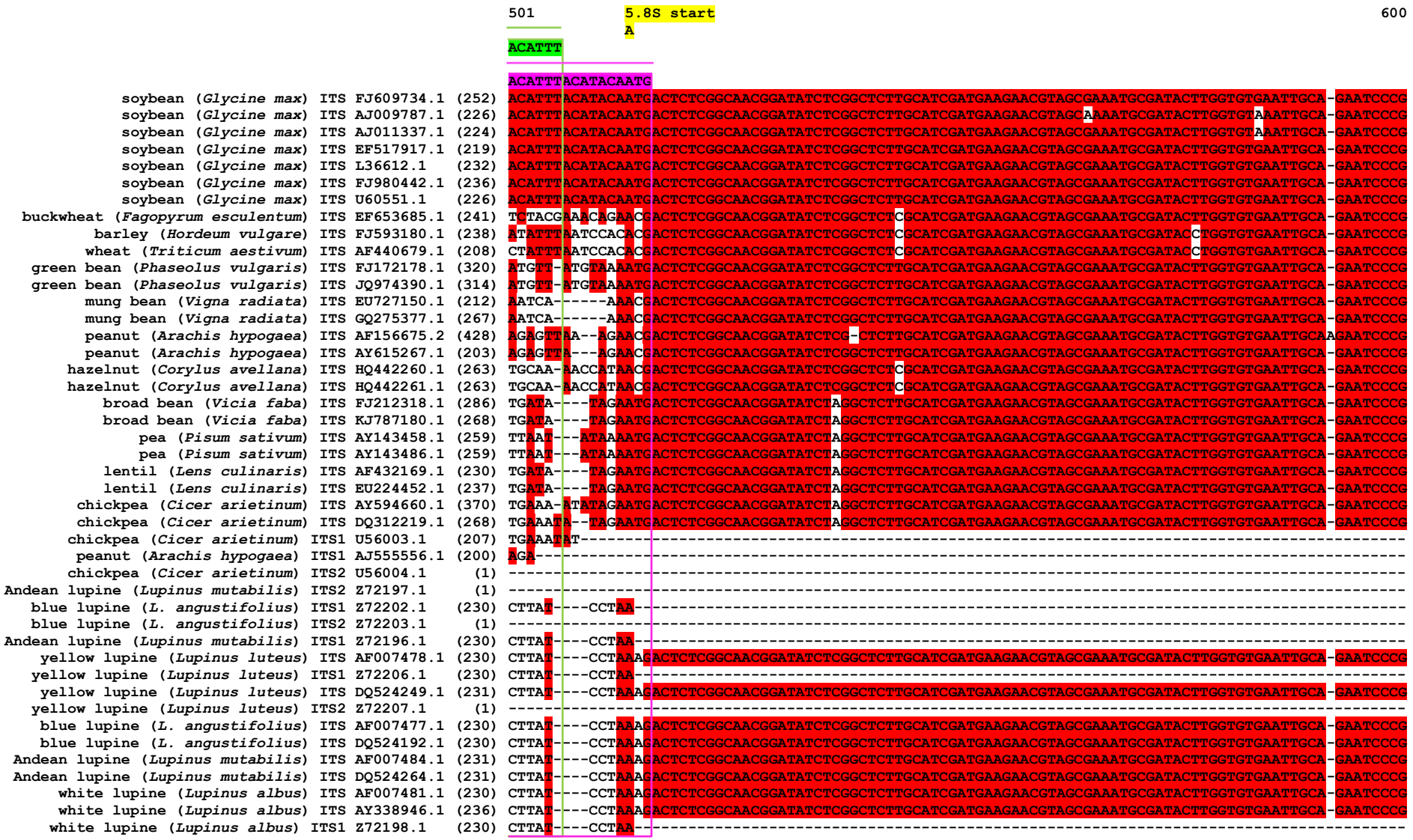


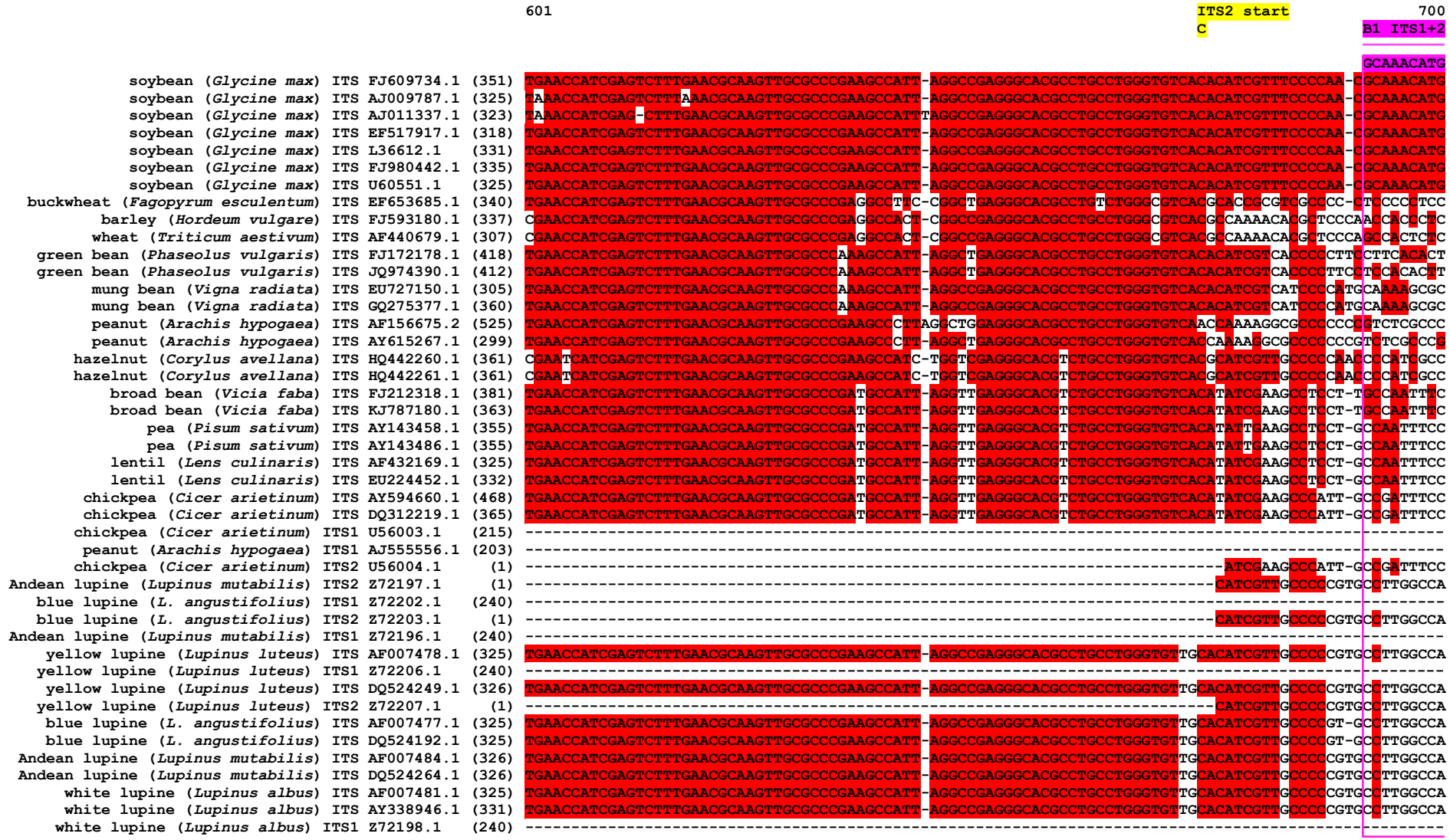
Figure S2. Sequence alignment of the genes encoding ribosomal RNA and both internal transcribed spacers, ITS1 and ITS2. Red: homologous nucleotides in comparison with the reference sequence of soybean (*Glycine max*, GenBank acc. No. FJ609734.1); yellow: start and end of the 18S, ITS1, 5.8S, ITS2 and the 26S gene, respectively; green: newly designed primers targeting the ITS1 gene of soybean (*Glycine max*); magenta: newly designed primers spanning the ITS1+2 genes of soybean (*Glycine max*); cyan: newly designed LAMP primers targeting the ITS2 gene of soybean (*Glycine max*)

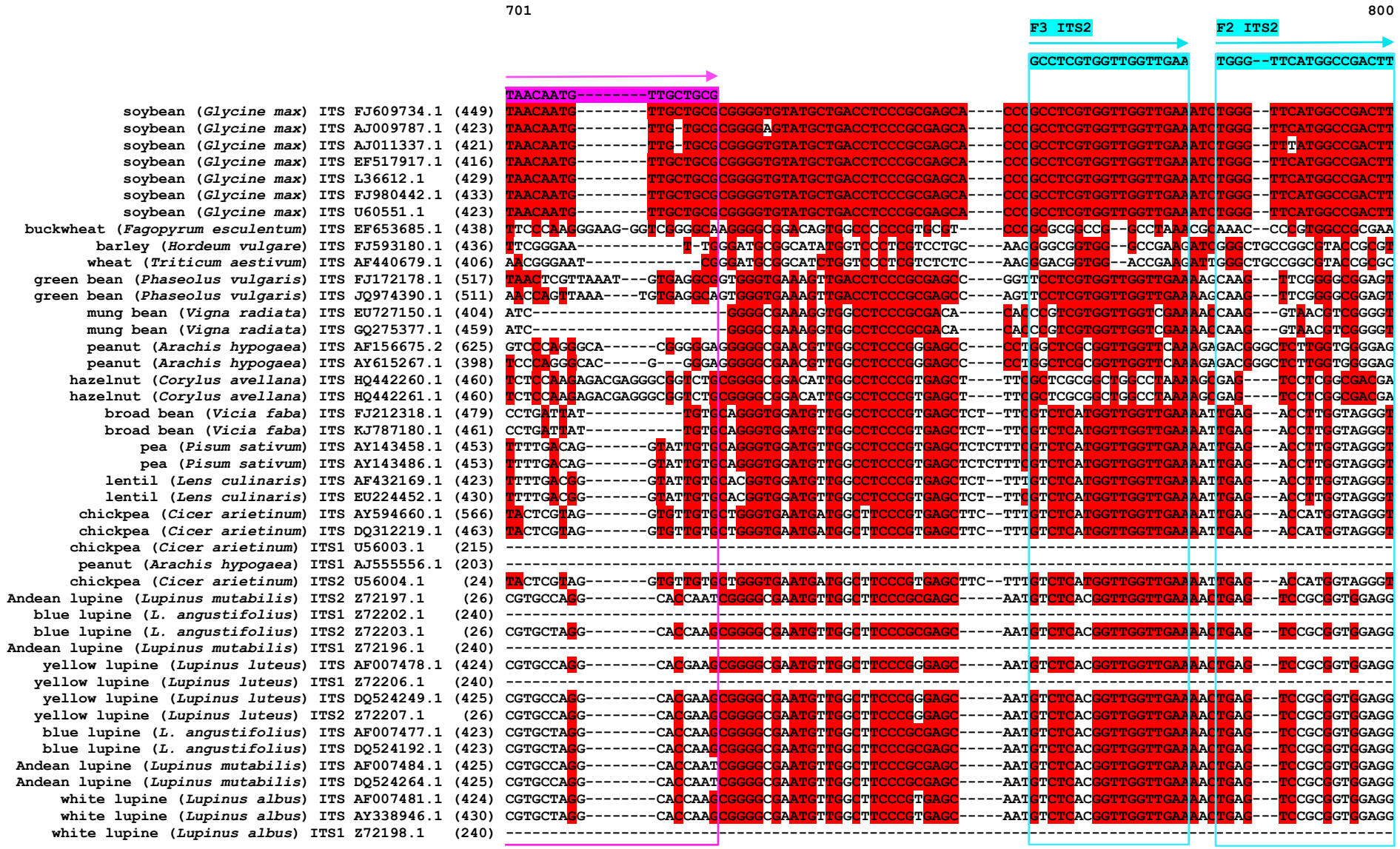


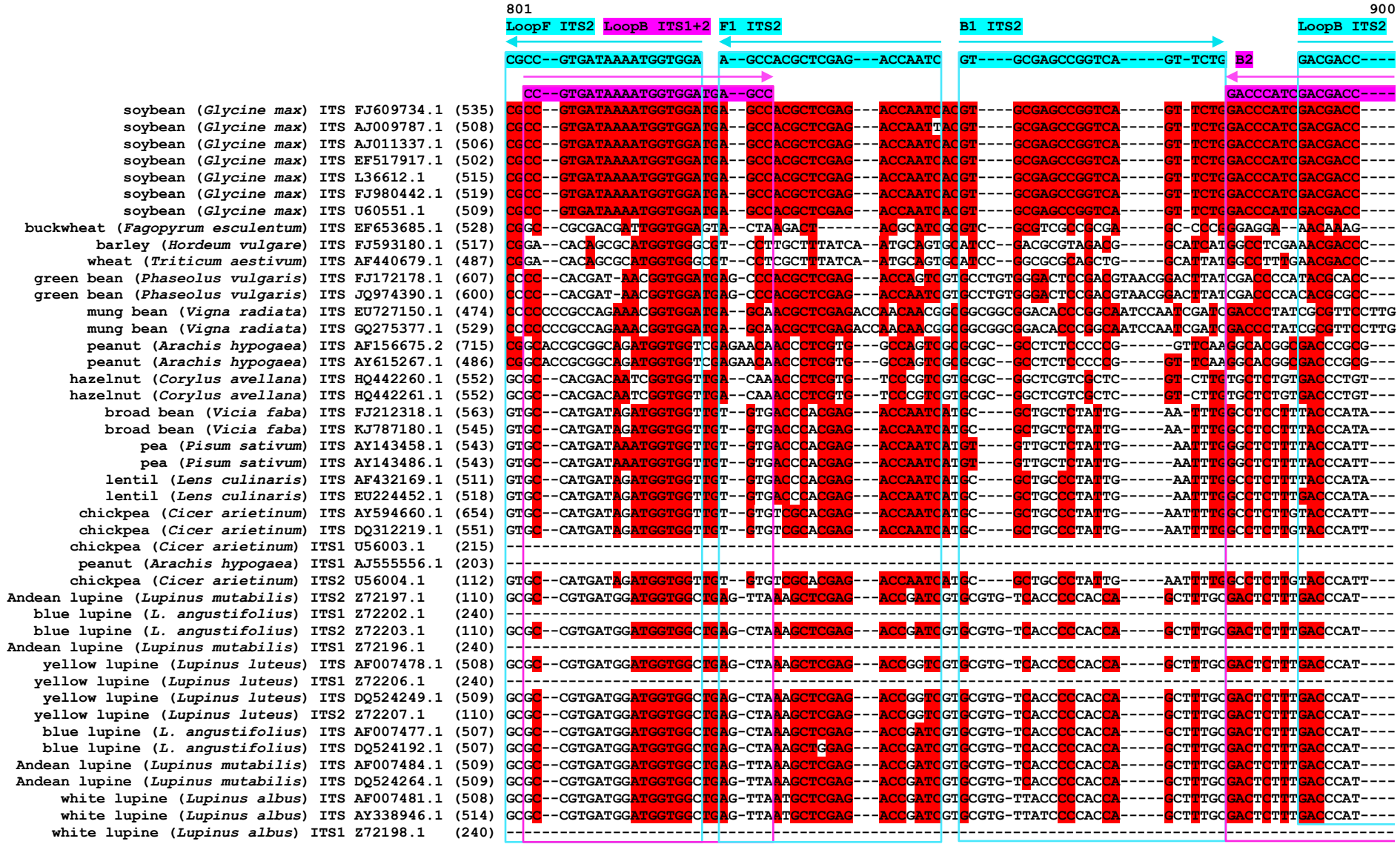

301
400
LoopF ITS1
F1 ITS1
B1 ITS1
soybean (Glycine max) ITS FJ609734.1 (111)
soybean (Glycine max) ITS AJ009787.1 (85)
soybean (Glycine max) ITS AJ011337.1 (85)
soybean (Glycine max) ITS EF517917.1 (78)
soybean (Glycine max) ITS L36612.1 (91)
soybean (Glycine max) ITS FJ980442.1 (95)
soybean (Glycine max) ITS U60551.1 (85)
buckwheat (Fagopyrum esculentum) ITS EF653685.1 (92)
barley (Hordeum vulgare) ITS FJ593180.1 (96)
wheat (Triticum aestivum) ITS AF440679.1 (64)
green bean (Phaseolus vulgaris) ITS FJ172178.1 (122)
green bean (Phaseolus vulgaris) ITS JQ974390.1 (125)
mung bean (Vigna radiata) ITS EU727150.1 (75)
mung bean (Vigna radiata) ITS GQ275377.1 (127)
peanut (Arachis hypogaea) ITS AF156675.2 (297)
peanut (Arachis hypogaea) ITS AY615267.1 (72)
hazelnut (Corylus avellana) ITS HQ442260.1 (123)
hazelnut (Corylus avellana) ITS HQ442261.1 (123)
broad bean (Vicia faba) ITS FJ212318.1 (123)
broad bean (Vicia faba) ITS KJ787180.1 (105)
pea (Pisum sativum) ITS AY143458.1 (96)
pea (Pisum sativum) ITS AY143486.1 (96)
lentil (Lens culinaris) ITS AF432169.1 (69)
lentil (Lens culinaris) ITS EU224452.1 (76)
chickpea (Cicer arietinum) ITS AY594660.1 (207)
chickpea (Cicer arietinum) ITS DQ312219.1 (105)
chickpea (Cicer arietinum) ITS1 U56003.1 (43)
peanut (Arachis hypogaea) ITS1 AJ555556.1 (69)
chickpea (Cicer arietinum) ITS2 U56004.1 (1)
Andean lupine (Lupinus mutabilis) ITS2 Z72197.1 (1)
blue lupine (L. angustifolius) ITS1 Z72202.1 (70)
blue lupine (L. angustifolius) ITS2 Z72203.1 (1)
Andean lupine (Lupinus mutabilis) ITS1 Z72196.1 (70)
yellow lupine (Lupinus luteus) ITS AF007478.1 (70)
yellow lupine (Lupinus luteus) ITS1 Z72206.1 (70)
yellow lupine (Lupinus luteus) ITS DQ524249.1 (70)
yellow lupine (Lupinus luteus) ITS2 Z72207.1 (1)
blue lupine (L. angustifolius) ITS AF007477.1 (70)
blue lupine (L. angustifolius) ITS DQ524192.1 (70)
Andean lupine (Lupinus mutabilis) ITS AF007484.1 (70)
Andean lupine (Lupinus mutabilis) ITS DQ524264.1 (70)
white lupine (Lupinus albus) ITS AF007481.1 (70)
white lupine (Lupinus albus) ITS AY338946.1 (76)
white lupine (Lupinus albus) ITS1 Z72198.1 (70)


401
500
LoopB ITS1
LoopF ITS1+2
B2 ITS1
B3
F1 ITS1+2
CAAATCTGTTAAGTGCGACTC
G----------GAGACG---GTGTCCCG-------C
GAGTCGTCACGACACA
CAAATCTGTTAAGTGCGACTCCCG
CGTCACGACACA
soybean (Glycine max) ITS FJ609734.1 (184)
soybean (Glycine max) ITS AJ009787.1 (158)
soybean (Glycine max) ITS AJ011337.1 (157)
soybean (Glycine max) ITS EF517917.1 (151)
soybean (Glycine max) ITS L36612.1 (164)
soybean (Glycine max) ITS FJ980442.1 (168)
soybean (Glycine max) ITS U60551.1 (158)
buckwheat (Fagopyrum esculentum) ITS EF653685.1 (163)
barley (Hordeum vulgare) ITS FJ593180.1 (163)
wheat (Triticum aestivum) ITS AF440679.1 (133)
green bean (Phaseolus vulgaris) ITS FJ172178.1 (220)
green bean (Phaseolus vulgaris) ITS JQ974390.1 (219)
mung bean (Vigna radiata) ITS EU727150.1 (154)
mung bean (Vigna radiata) ITS GQ275377.1 (209)
peanut (Arachis hypogaea) ITS AF156675.2 (360)
peanut (Arachis hypogaea) ITS AY615267.1 (135)
hazelnut (Corylus avellana) ITS HQ442260.1 (199)
hazelnut (Corylus avellana) ITS HQ442261.1 (199)
broad bean (Vicia faba) ITS FJ212318.1 (219)
broad bean (Vicia faba) ITS KJ787180.1 (201)
pea (Pisum sativum) ITS AY143458.1 (192)
pea (Pisum sativum) ITS AY143486.1 (192)
lentil (Lens culinaris) ITS AF432169.1 (164)
lentil (Lens culinaris) ITS EU224452.1 (171)
chickpea (Cicer arietinum) ITS AY594660.1 (301)
chickpea (Cicer arietinum) ITS DQ312219.1 (199)
chickpea (Cicer arietinum) ITS1 U56003.1 (138)
peanut (Arachis hypogaea) ITS1 AJ555556.1 (132)
chickpea (Cicer arietinum) ITS2 U56004.1 (1)
Andean lupine (Lupinus mutabilis) ITS2 Z72197.1 (1)
blue lupine (L. angustifolius) ITS1 Z72202.1 (162)
blue lupine (L. angustifolius) ITS2 Z72203.1 (1)
Andean lupine (Lupinus mutabilis) ITS1 Z72196.1 (162)
yellow lupine (Lupinus luteus) ITS AF007478.1 (162)
yellow lupine (Lupinus luteus) ITS1 Z72206.1 (162)
yellow lupine (Lupinus luteus) ITS DQ524249.1 (162)
yellow lupine (Lupinus luteus) ITS2 Z72207.1 (1)
blue lupine (L. angustifolius) ITS AF007477.1 (162)
blue lupine (L. angustifolius) ITS DQ524192.1 (162)
Andean lupine (Lupinus mutabilis) ITS AF007484.1 (162)
Andean lupine (Lupinus mutabilis) ITS DQ524264.1 (162)
white lupine (Lupinus albus) ITS AF007481.1 (162)
white lupine (Lupinus albus) ITS AY338946.1 (168)
white lupine (Lupinus albus) ITS1 Z72198.1 (162)


501
5.8S start
600
A
ACATTT
ACATTTACATACAATG
soybean (Glycine max) ITS FJ609734.1 (252)
soybean (Glycine max) ITS AJ009787.1 (226)
soybean (Glycine max) ITS AJ011337.1 (224)
soybean (Glycine max) ITS EF517917.1 (219)
soybean (Glycine max) ITS L36612.1 (232)
soybean (Glycine max) ITS FJ980442.1 (236)
soybean (Glycine max) ITS U60551.1 (226)
buckwheat (Fagopyrum esculentum) ITS EF653685.1 (241)
barley (Hordeum vulgare) ITS FJ593180.1 (238)
wheat (Triticum aestivum) ITS AF440679.1 (208)
green bean (Phaseolus vulgaris) ITS FJ172178.1 (320)
green bean (Phaseolus vulgaris) ITS JQ974390.1 (314)
mung bean (Vigna radiata) ITS EU727150.1 (212)
mung bean (Vigna radiata) ITS GQ275377.1 (267)
peanut (Arachis hypogaea) ITS AF156675.2 (428)
peanut (Arachis hypogaea) ITS AY615267.1 (203)
hazelnut (Corylus avellana) ITS HQ442260.1 (263)
hazelnut (Corylus avellana) ITS HQ442261.1 (263)
broad bean (Vicia faba) ITS FJ212318.1 (286)
broad bean (Vicia faba) ITS KJ787180.1 (268)
pea (Pisum sativum) ITS AY143458.1 (259)
pea (Pisum sativum) ITS AY143486.1 (259)
lentil (Lens culinaris) ITS AF432169.1 (230)
lentil (Lens culinaris) ITS EU224452.1 (237)
chickpea (Cicer arietinum) ITS AY594660.1 (370)
chickpea (Cicer arietinum) ITS DQ312219.1 (268)
chickpea (Cicer arietinum) ITS1 U56003.1 (207)
peanut (Arachis hypogaea) ITS1 AJ555556.1 (200)
chickpea (Cicer arietinum) ITS2 U56004.1 (1)
Andean lupine (Lupinus mutabilis) ITS2 Z72197.1 (1)
blue lupine (L. angustifolius) ITS1 Z72202.1 (230)
blue lupine (L. angustifolius) ITS2 Z72203.1 (1)
Andean lupine (Lupinus mutabilis) ITS1 Z72196.1 (230)
yellow lupine (Lupinus luteus) ITS AF007478.1 (230)
yellow lupine (Lupinus luteus) ITS1 Z72206.1 (230)
yellow lupine (Lupinus luteus) ITS DQ524249.1 (231)
yellow lupine (Lupinus luteus) ITS2 Z72207.1 (1)
blue lupine (L. angustifolius) ITS AF007477.1 (230)
blue lupine (L. angustifolius) ITS DQ524192.1 (230)
Andean lupine (Lupinus mutabilis) ITS AF007484.1 (231)
Andean lupine (Lupinus mutabilis) ITS DQ524264.1 (231)
white lupine (Lupinus albus) ITS AF007481.1 (230)
white lupine (Lupinus albus) ITS AY338946.1 (236)
white lupine (Lupinus albus) ITS1 Z72198.1 (230)


601
ITS2 start
C
700
B1 ITS1+2
soybean (Glycine max) ITS FJ609734.1 (351)
soybean (Glycine max) ITS AJ009787.1 (325)
soybean (Glycine max) ITS AJ011337.1 (323)
soybean (Glycine max) ITS EF517917.1 (318)
soybean (Glycine max) ITS L36612.1 (331)
soybean (Glycine max) ITS FJ980442.1 (335)
soybean (Glycine max) ITS U60551.1 (325)
buckwheat (Fagopyrum esculentum) ITS EF653685.1 (340)
barley (Hordeum vulgare) ITS FJ593180.1 (337)
wheat (Triticum aestivum) ITS AF440679.1 (307)
green bean (Phaseolus vulgaris) ITS FJ172178.1 (418)
green bean (Phaseolus vulgaris) ITS JQ974390.1 (412)
mung bean (Vigna radiata) ITS EU727150.1 (305)
mung bean (Vigna radiata) ITS GQ275377.1 (360)
peanut (Arachis hypogaea) ITS AF156675.2 (525)
peanut (Arachis hypogaea) ITS AY615267.1 (299)
hazelnut (Corylus avellana) ITS HQ442260.1 (361)
hazelnut (Corylus avellana) ITS HQ442261.1 (361)
broad bean (Vicia faba) ITS FJ212318.1 (381)
broad bean (Vicia faba) ITS KJ787180.1 (363)
pea (Pisum sativum) ITS AY143458.1 (355)
pea (Pisum sativum) ITS AY143486.1 (355)
lentil (Lens culinaris) ITS AF432169.1 (325)
lentil (Lens culinaris) ITS EU224452.1 (332)
chickpea (Cicer arietinum) ITS AY594660.1 (468)
chickpea (Cicer arietinum) ITS DQ312219.1 (365)
chickpea (Cicer arietinum) ITS1 U56003.1 (215)
peanut (Arachis hypogaea) ITS1 AJ555556.1 (203)
chickpea (Cicer arietinum) ITS2 U56004.1 (1)
Andean lupine (Lupinus mutabilis) ITS2 Z72197.1 (1)
blue lupine (L. angustifolius) ITS1 Z72202.1 (240)
blue lupine (L. angustifolius) ITS2 Z72203.1 (1)
Andean lupine (Lupinus mutabilis) ITS1 Z72196.1 (240)
yellow lupine (Lupinus luteus) ITS AF007478.1 (325)
yellow lupine (Lupinus luteus) ITS1 Z72206.1 (240)
yellow lupine (Lupinus luteus) ITS DQ524249.1 (326)
yellow lupine (Lupinus luteus) ITS2 Z72207.1 (1)
blue lupine (L. angustifolius) ITS AF007477.1 (325)
blue lupine (L. angustifolius) ITS DQ524192.1 (325)
Andean lupine (Lupinus mutabilis) ITS AF007484.1 (326)
Andean lupine (Lupinus mutabilis) ITS DQ524264.1 (326)
white lupine (Lupinus albus) ITS AF007481.1 (325)
white lupine (Lupinus albus) ITS AY338946.1 (331)
white lupine (Lupinus albus) ITS1 Z72198.1 (240)


701
800
F3 ITS2
F2 ITS2
GCCTCGTGGTTGGTTGAA
TGGG--TTCATGGCCGACTT
TAACAATG--------TTGCTGCG
soybean (Glycine max) ITS FJ609734.1 (449)
soybean (Glycine max) ITS AJ009787.1 (423)
soybean (Glycine max) ITS AJ011337.1 (421)
soybean (Glycine max) ITS EF517917.1 (416)
soybean (Glycine max) ITS L36612.1 (429)
soybean (Glycine max) ITS FJ980442.1 (433)
soybean (Glycine max) ITS U60551.1 (423)
buckwheat (Fagopyrum esculentum) ITS EF653685.1 (438)
barley (Hordeum vulgare) ITS FJ593180.1 (436)
wheat (Triticum aestivum) ITS AF440679.1 (406)
green bean (Phaseolus vulgaris) ITS FJ172178.1 (517)
green bean (Phaseolus vulgaris) ITS JQ974390.1 (511)
mung bean (Vigna radiata) ITS EU727150.1 (404)
mung bean (Vigna radiata) ITS GQ275377.1 (459)
peanut (Arachis hypogaea) ITS AF156675.2 (625)
peanut (Arachis hypogaea) ITS AY615267.1 (398)
hazelnut (Corylus avellana) ITS HQ442260.1 (460)
hazelnut (Corylus avellana) ITS HQ442261.1 (460)
broad bean (Vicia faba) ITS FJ212318.1 (479)
broad bean (Vicia faba) ITS KJ787180.1 (461)
pea (Pisum sativum) ITS AY143458.1 (453)
pea (Pisum sativum) ITS AY143486.1 (453)
lentil (Lens culinaris) ITS AF432169.1 (423)
lentil (Lens culinaris) ITS EU224452.1 (430)
chickpea (Cicer arietinum) ITS AY594660.1 (566)
chickpea (Cicer arietinum) ITS DQ312219.1 (463)
chickpea (Cicer arietinum) ITS1 U56003.1 (215)
peanut (Arachis hypogaea) ITS1 AJ555556.1 (203)
chickpea (Cicer arietinum) ITS2 U56004.1 (24)
Andean lupine (Lupinus mutabilis) ITS2 Z72197.1 (26)
blue lupine (L. angustifolius) ITS1 Z72202.1 (240)
blue lupine (L. angustifolius) ITS2 Z72203.1 (26)
Andean lupine (Lupinus mutabilis) ITS1 Z72196.1 (240)
yellow lupine (Lupinus luteus) ITS AF007478.1 (424)
yellow lupine (Lupinus luteus) ITS1 Z72206.1 (240)
yellow lupine (Lupinus luteus) ITS DQ524249.1 (425)
yellow lupine (Lupinus luteus) ITS2 Z72207.1 (26)
blue lupine (L. angustifolius) ITS AF007477.1 (423)
blue lupine (L. angustifolius) ITS DQ524192.1 (423)
Andean lupine (Lupinus mutabilis) ITS AF007484.1 (425)
Andean lupine (Lupinus mutabilis) ITS DQ524264.1 (425)
white lupine (Lupinus albus) ITS AF007481.1 (424)
white lupine (Lupinus albus) ITS AY338946.1 (430)
white lupine (Lupinus albus) ITS1 Z72198.1 (240)


801
900
LoopF ITS2
LoopB ITS1+2
F1 ITS2
B1 ITS2
LoopB ITS2
B2
soybean (Glycine max) ITS FJ609734.1 (535)
soybean (Glycine max) ITS AJ009787.1 (508)
soybean (Glycine max) ITS AJ011337.1 (506)
soybean (Glycine max) ITS EF517917.1 (502)
soybean (Glycine max) ITS L36612.1 (515)
soybean (Glycine max) ITS FJ980442.1 (519)
soybean (Glycine max) ITS U60551.1 (509)
buckwheat (Fagopyrum esculentum) ITS EF653685.1 (528)
barley (Hordeum vulgare) ITS FJ593180.1 (517)
wheat (Triticum aestivum) ITS AF440679.1 (487)
green bean (Phaseolus vulgaris) ITS FJ172178.1 (607)
green bean (Phaseolus vulgaris) ITS JQ974390.1 (600)
mung bean (Vigna radiata) ITS EU727150.1 (474)
mung bean (Vigna radiata) ITS GQ275377.1 (529)
peanut (Arachis hypogaea) ITS AF156675.2 (715)
peanut (Arachis hypogaea) ITS AY615267.1 (486)
hazelnut (Corylus avellana) ITS HQ442260.1 (552)
hazelnut (Corylus avellana) ITS HQ442261.1 (552)
broad bean (Vicia faba) ITS FJ212318.1 (563)
broad bean (Vicia faba) ITS KJ787180.1 (545)
pea (Pisum sativum) ITS AY143458.1 (543)
pea (Pisum sativum) ITS AY143486.1 (543)
lentil (Lens culinaris) ITS AF432169.1 (511)
lentil (Lens culinaris) ITS EU224452.1 (518)
chickpea (Cicer arietinum) ITS AY594660.1 (654)
chickpea (Cicer arietinum) ITS DQ312219.1 (551)
chickpea (Cicer arietinum) ITS1 U56003.1 (215)
peanut (Arachis hypogaea) ITS1 AJ555556.1 (203)
chickpea (Cicer arietinum) ITS2 U56004.1 (112)
Andean lupine (Lupinus mutabilis) ITS2 Z72197.1 (110)
blue lupine (L. angustifolius) ITS1 Z72202.1 (240)
blue lupine (L. angustifolius) ITS2 Z72203.1 (110)
Andean lupine (Lupinus mutabilis) ITS1 Z72196.1 (240)
yellow lupine (Lupinus luteus) ITS AF007478.1 (508)
yellow lupine (Lupinus luteus) ITS1 Z72206.1 (240)
yellow lupine (Lupinus luteus) ITS DQ524249.1 (509)
yellow lupine (Lupinus luteus) ITS2 Z72207.1 (110)
blue lupine (L. angustifolius) ITS AF007477.1 (507)
blue lupine (L. angustifolius) ITS DQ524192.1 (507)
Andean lupine (Lupinus mutabilis) ITS AF007484.1 (509)
Andean lupine (Lupinus mutabilis) ITS DQ524264.1 (509)
white lupine (Lupinus albus) ITS AF007481.1 (508)
white lupine (Lupinus albus) ITS AY338946.1 (514)
white lupine (Lupinus albus) ITS1 Z72198.1 (240)

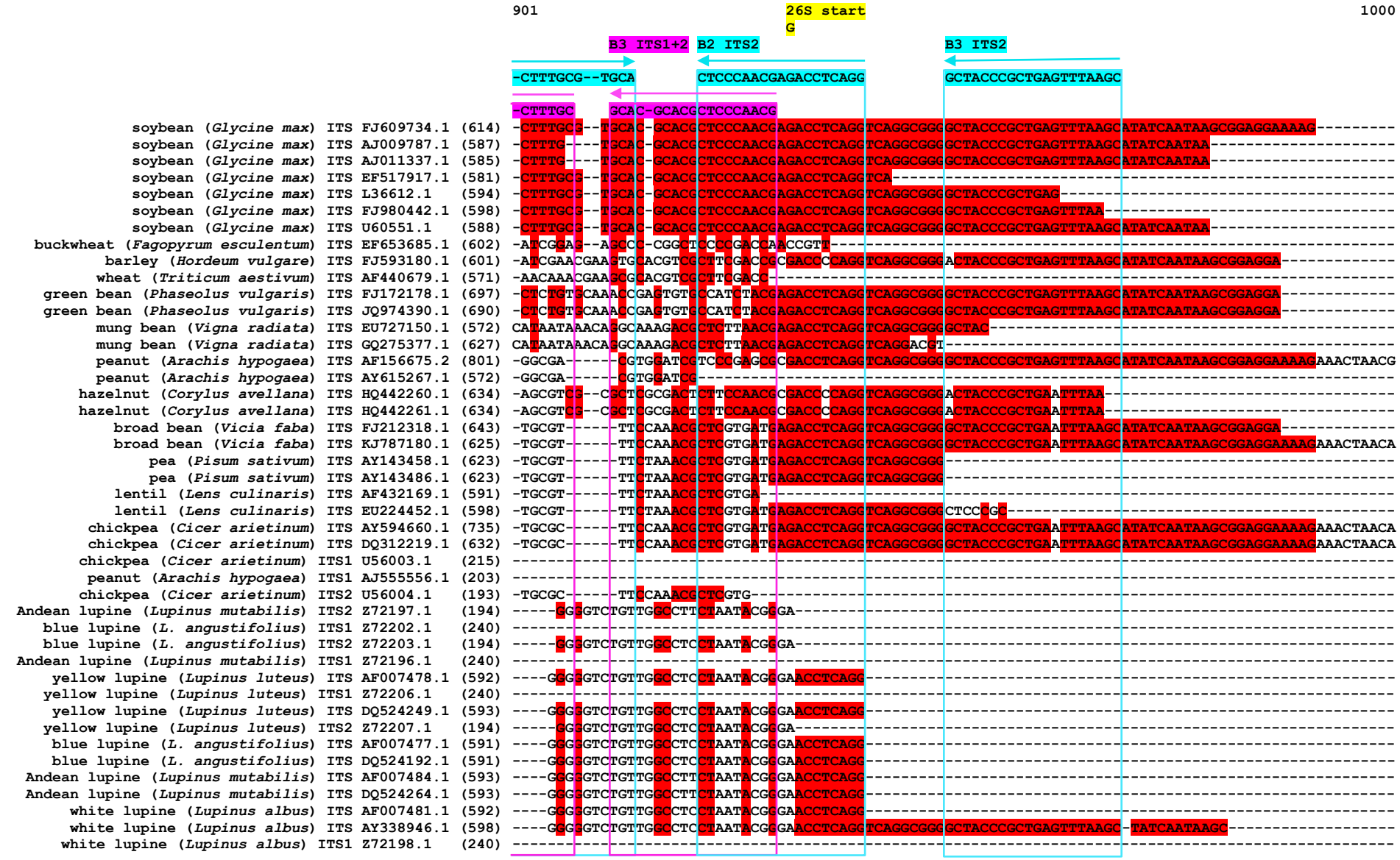
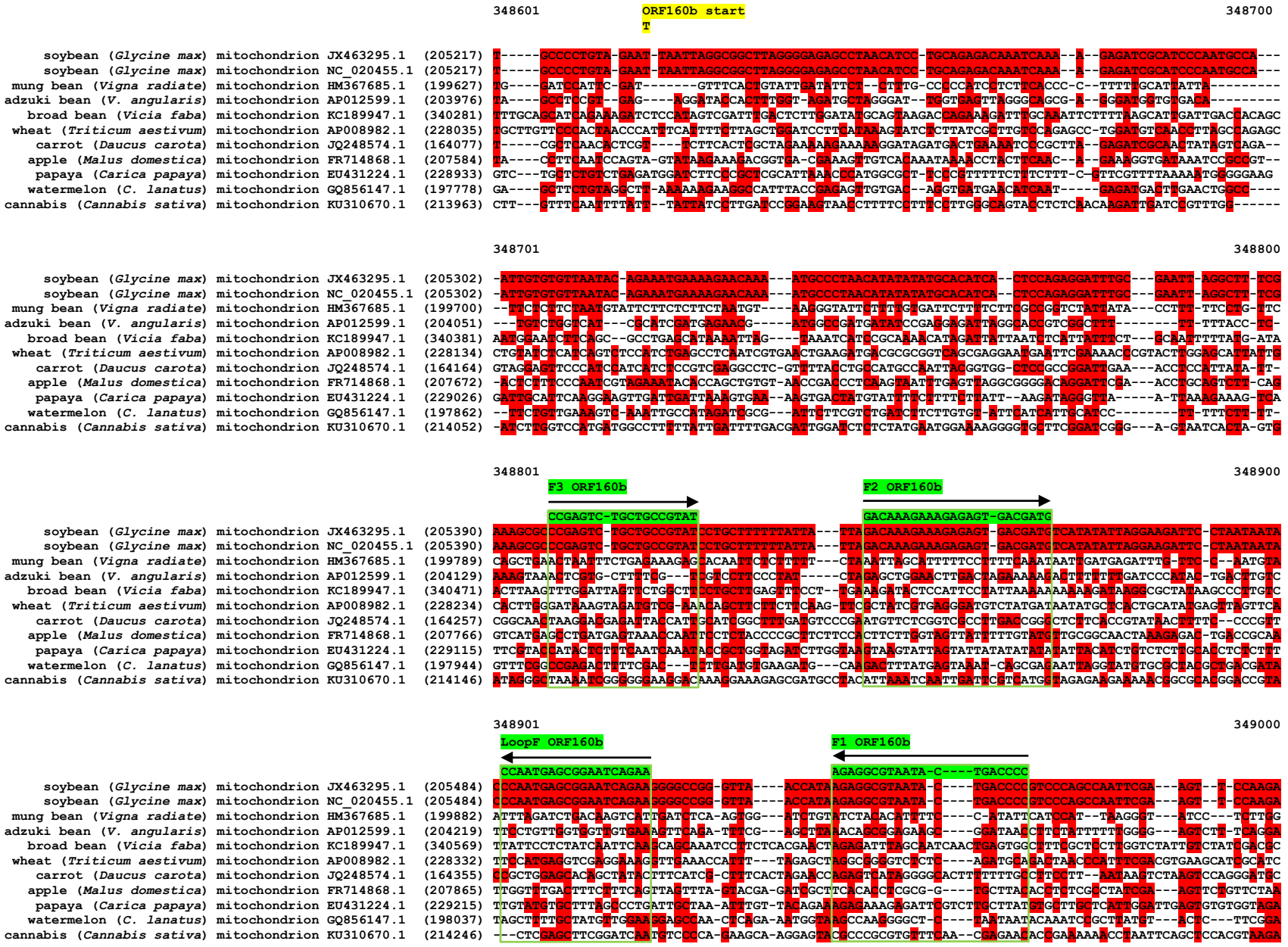
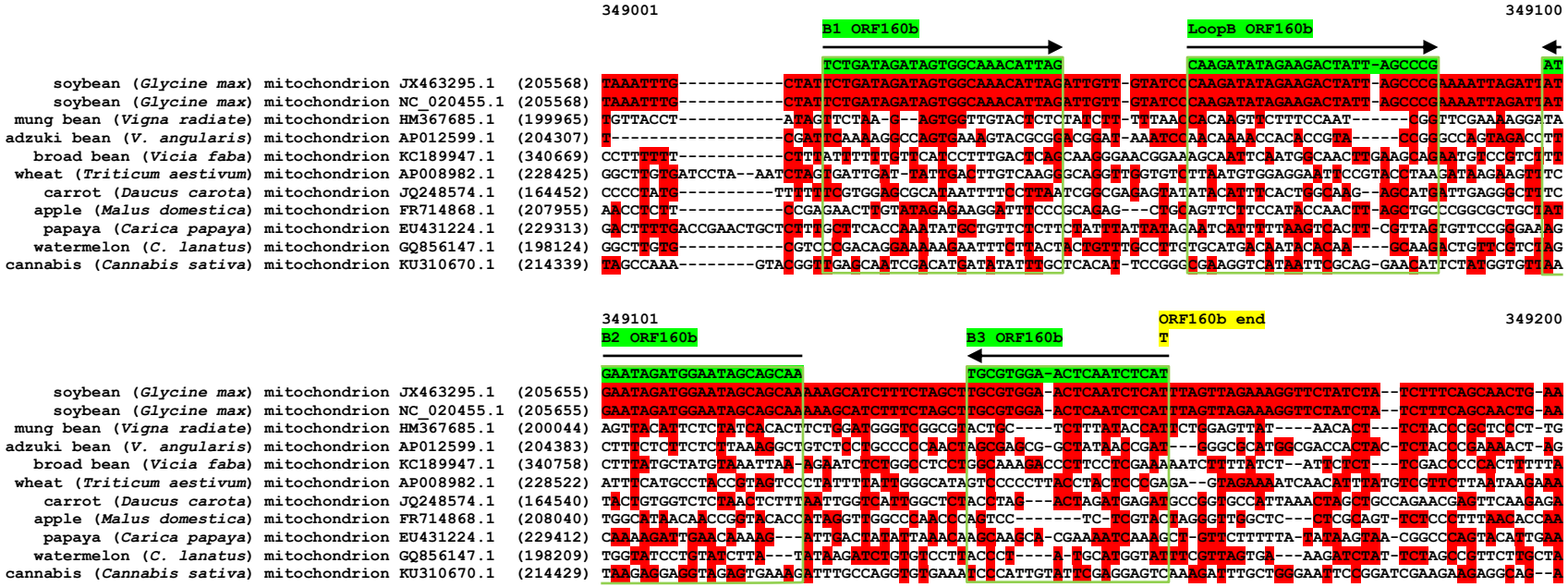

901
26S start
G
1000
B3 ITS1+2
B2 ITS2
B3 ITS2
-CTTTGCG--TGCA
CTCCCAACGAGACCTCAGG
GCTACCCGCTGAGTTTAAGC
-CTTTGC
GCAC-GCACGCTCCCAACG
soybean (Glycine max) ITS FJ609734.1 (614)
soybean (Glycine max) ITS AJ009787.1 (587)
soybean (Glycine max) ITS AJ011337.1 (585)
soybean (Glycine max) ITS EF517917.1 (581)
soybean (Glycine max) ITS L36612.1 (594)
soybean (Glycine max) ITS FJ980442.1 (598)
soybean (Glycine max) ITS U60551.1 (588)
buckwheat (Fagopyrum esculentum) ITS EF653685.1 (602)
barley (Hordeum vulgare) ITS FJ593180.1 (601)
wheat (Triticum aestivum) ITS AF440679.1 (571)
green bean (Phaseolus vulgaris) ITS FJ172178.1 (697)
green bean (Phaseolus vulgaris) ITS JQ974390.1 (690)
mung bean (Vigna radiata) ITS EU727150.1 (572)
mung bean (Vigna radiata) ITS GQ275377.1 (627)
peanut (Arachis hypogaea) ITS AF156675.2 (801)
peanut (Arachis hypogaea) ITS AY615267.1 (572)
hazelnut (Corylus avellana) ITS HQ442260.1 (634)
hazelnut (Corylus avellana) ITS HQ442261.1 (634)
broad bean (Vicia faba) ITS FJ212318.1 (643)
broad bean (Vicia faba) ITS KJ787180.1 (625)
pea (Pisum sativum) ITS AY143458.1 (623)
pea (Pisum sativum) ITS AY143486.1 (623)
lentil (Lens culinaris) ITS AF432169.1 (591)
lentil (Lens culinaris) ITS EU224452.1 (598)
chickpea (Cicer arietinum) ITS AY594660.1 (735)
chickpea (Cicer arietinum) ITS DQ312219.1 (632)
chickpea (Cicer arietinum) ITS1 U56003.1 (215)
peanut (Arachis hypogaea) ITS1 AJ555556.1 (203)
chickpea (Cicer arietinum) ITS2 U56004.1 (193)
Andean lupine (Lupinus mutabilis) ITS2 Z72197.1 (194)
blue lupine (L. angustifolius) ITS1 Z72202.1 (240)
blue lupine (L. angustifolius) ITS2 Z72203.1 (194)
Andean lupine (Lupinus mutabilis) ITS1 Z72196.1 (240)
yellow lupine (Lupinus luteus) ITS AF007478.1 (592)
yellow lupine (Lupinus luteus) ITS1 Z72206.1 (240)
yellow lupine (Lupinus luteus) ITS DQ524249.1 (593)
yellow lupine (Lupinus luteus) ITS2 Z72207.1 (194)
blue lupine (L. angustifolius) ITS AF007477.1 (591)
blue lupine (L. angustifolius) ITS DQ524192.1 (591)
Andean lupine (Lupinus mutabilis) ITS AF007484.1 (593)
Andean lupine (Lupinus mutabilis) ITS DQ524264.1 (593)
white lupine (Lupinus albus) ITS AF007481.1 (592)
white lupine (Lupinus albus) ITS AY338946.1 (598)
white lupine (Lupinus albus) ITS1 Z72198.1 (240)

Figure S3. Sequence alignment of the mitochondrial genome of soybean (*Glycine max*; nucleotides 205217-205754), sequence of the open reading frame 160b (ORF160b; nucleotides 205230-205712). Red: homologous nucleotides in comparison with the reference sequence of soybean (*Glycine max*, GenBank acc. No. JX463295.1); yellow: start and end of the ORF160b of soybean (*Glycine max*, acc. No. JX463295.1); green: newly designed LAMP primers targeting the ORF160b of soybean (*Glycine max*, GenBank acc. No. JX463295.1)




349001
349100
B1 ORF160b
LoopB ORF160b
soybean (Glycine max) mitochondrion JX463295.1 (205568)
soybean (Glycine max) mitochondrion NC_020455.1 (205568)
mung bean (Vigna radiate) mitochondrion HM367685.1 (199965)
adzuki bean (V. angularis) mitochondrion AP012599.1 (204307)
broad bean (Vicia faba) mitochondrion KC189947.1 (340669)
wheat (Triticum aestivum) mitochondrion AP008982.1 (228425)
carrot (Daucus carota) mitochondrion JQ248574.1 (164452)
apple (Malus domestica) mitochondrion FR714868.1 (207955)
papaya (Carica papaya) mitochondrion EU431224.1 (229313)
watermelon (C. lanatus) mitochondrion GQ856147.1 (198124)
cannabis (Cannabis sativa) mitochondrion KU310670.1 (214339)
349101
349200
ORF160b end
B2 ORF160b
B3 ORF160b
soybean (Glycine max) mitochondrion JX463295.1 (205655)
soybean (Glycine max) mitochondrion NC_020455.1 (205655)
mung bean (Vigna radiate) mitochondrion HM367685.1 (200044)
adzuki bean (V. angularis) mitochondrion AP012599.1 (204383)
broad bean (Vicia faba) mitochondrion KC189947.1 (340758)
wheat (Triticum aestivum) mitochondrion AP008982.1 (228522)
carrot (Daucus carota) mitochondrion JQ248574.1 (164540)
apple (Malus domestica) mitochondrion FR714868.1 (208040)
papaya (Carica papaya) mitochondrion EU431224.1 (229412)
watermelon (C. lanatus) mitochondrion GQ856147.1 (198209)
cannabis (Cannabis sativa) mitochondrion KU310670.1 (214429)