

atpF intron: 111 nt subdomain of Domain I

	450	460	470	480	490	500	510	520	530	540	550
Wheat	: UUUGAAGAAAAA	AA--AAGAAUUCUAUUAUUUUUCAUUUUCCAUUUAUUUAGUUAGUUUUUCUUAUGAAAUUGAAAUUAUUA	--AG-	AGGGCAAAUAAAAUAAAGAA							
Barley	: UUUGAAGAAAAA	AG--AAGAAUUCUAUUAUUUUUCAUUUUCCAUUUAUUUAGUUAGUUUUUCUUAUGAAAUUGAAAUUAUUAACUAA	--AGGGCAAAUAAAAUAAAGAA								
Rice	: UUUGAAGAAAAA	--GU--AGGAAUUCUAUCCAUUUUUCAUUUUCCAUUUUUCUAUUAGUUUUUCUUAUGAAAUUGAAAUUUUAACUAA	ACAGAGCAAAACAAAAUAAAGAA								
Maize	: UUUGAAGAAAAA	UAAA--AGGAAUUCUAUCAUUUUUCAUUUUCCAUUUAUUUAGUUAGUUUUUCUUAUGAAAUUGAAAUUAUUAACUAA	--AGGGCAAAUACAAAAUAAAAA								
Spinach	: UUUGAAUAAAAA	AAAA--CAACUUUGCUGACAAUACUU--AUAUAUUUUUUUUUGGGGGGUCAGAAAGAGUUCUCCGAAU	-----								
Tobacco	: UUUGAAAAA	AAAAAAGAAACAACUUUGCUGACAAUAC--AUAUUUUUUUUUUU	-----GUCAGAAAGAUCCUCCGAAU								
Arabidopsi	: UUUCAAGAAAAA	AGAA--ACAACUUUGCUGACAAUUAU	-----UAAUUUUUCAUUG								

atpF intron: Domain IV

	680	690	700	710	720	730	730
Wheat	: GCUCAUUACUUA	-----AAAAAAGAUUUGGAAAUUA	-GCUAUAGAA	-----AAAAA	AAAAA	AAAAA	UAGGAGC
Barley	: GCUCAUUACUUA	UACUUA	AAAAAAGAUUUGGAAAUU	-GCUAUAGCA	-----AAAAA	AAAAA	-AAGGAGC
Rice	: GCUCAUUACAUU	-----AAAAA	AUAUUGGAAGUA	-GCCAUAGCA	-----AAAAA	AAAAA	-AGGAGC
Maize	: GCUCAUUACAUUA	-----AAAAA	AAGAUUUGGAAAUUA	-GCCAUAAUA	CAUAAC	-AAAAA	AAGGAGC
Spinach	: GUUCAUUACAUUC	-----AAAAA	AAGAUUUGGAAAUUUG	CCAUAAAA	AAUUG	--AAGUAAUUG	AGCGUGAGC
Tobacco	: GCUCAUUACAUUCA	--UAAAAA	AAGAUUUGGAAAUUUA	CCUUAAGU	-----AAUUG	AGCGUGA	----GAGC
Arabidopsi	: GCUCAUUGCAUGAA	-----AAAGAUGGGGAAAGGGAAGUCUCAUAAAAU	AAUUGA	UUGGAAUUA	AGUGAGCAUGAGC		