

Table 1. Intron locations, lengths and haplotypes within standard mitochondrial genes of *Fusarium graminearum* and *F. gerlachii* strains. The different haplotypes are displayed with different background color per intron site. Haplotypes that have identical length are differentiated from each other by using ', ^ or *', corresponding to the number of SNPs differentiating the haplotypes (haplotypes 1159' and 1159''' differ by 2 SNPs, while 1159 and 1159''' differ by 3 SNPs).

Species	Strain	Accession	rnl- i2618	nad2- i378	nad2- i762	nad2- i1188	nad2- i1632	nad3- i90	atp9- i181	cox2- i108	cox2- i228	cox2- i318	cox2- i552	cox2- i651	nad4L- i239	nad5- i717	cob- i159	cob- i201	cob- i278	cob- i393	cob- i490
<i>F. graminearum</i>	INRA-156		2427	1406	1465	1603	1632	1444	1073	1466	1147	-	-	1861	1972*	1012	2405	1700	2226	2245	2436
<i>F. graminearum</i>	INRA-159		2427	1406	1465	1603	1632	1444	1073	1466	1159	-	-	1861	1988	1012	-	-	2226	2244	1267
<i>F. graminearum</i>	INRA-164		2427	1406	1465	1603	1632	1444	1073	1466	1159	-	1780'^	1861	1988	1012	-	1700	2226	2244	1267
<i>F. graminearum</i>	INRA-171		2427	1406	1465	1603	1632	1444	1073	1466	1159	-	-	1861	1988	1012	-	-	2226	2244	1267
<i>F. graminearum</i>	INRA-181		2427	1406	1465	1603	1632	1444	1073	1466	1159	-	-	1861	1988	1012	-	-	2226	2244	1267
<i>F. graminearum</i>	INRA-195		2427	1406	1465	1603	1632	1444	1073	1466	1159	-	-	1861	1988	1012	-	-	2226	2244	2436
<i>F. graminearum</i>	PH-1		2427	1406	1465	1603	1632^^	1444	1073	1466'	1159	-	-	1861	1823	1012	-	-	2226	2244	2436
<i>F. graminearum</i>	CBS185.32	KP966550	2427	1406	1465	1603	1632	1444	1073	1466'	-	-	-	1861	1972	1012	-	1699	2226	2244	2446
<i>F. graminearum</i>	CBS110263	KP966551	2427	1406	1465	1603	1632	1444	1073	1466	1159	-	-	1861	1988	1012	-	-	2226	2244	2436
<i>F. graminearum</i>	CBS119173	KP966552	2427	1406	1465	1603	1632	1444	1073	1466'	1159***	-	1780	1861*	1980	1012	-	1700	2226	2244	2436
<i>F. graminearum</i>	CBS119799	KP966553	2427	1406	1465	1603	1632	1444	1012	1466	1159	-	-	1861	1972*	1012	-	-	2226	2244	1267
<i>F. graminearum</i>	CBS119800	KP966554	2427	1406	1465	1603	1632	1444	1073	1466'	1159	-	-	1861	1972	1012	-	1700	2226	2244	2446
<i>F. graminearum</i>	CBS123688	KP966555	2427	1406	1465	1603	1632	1444	1073	1466	1159^	-	-	1861	1988	1012	-	-	2226	2244	1267
<i>F. graminearum</i>	CBS128539	KP966556	2427	1406	1465	1603	1632	1444	1073	1466	-	-	-	1861	1988	1012	-	-	2226	2244	1267
<i>F. graminearum</i>	CBS138561	KP966557	2427	1406	1465	1603	1632	1444	1073	1466	1159	-	-	1861	1988	1012	-	1700	2226	2244	2436
<i>F. graminearum</i>	CBS138562	KP966558	2427	1406	1465	1603	1632	1444	1073	1466	1159	-	-	1861	1988	1012	-	1700	2226	2244	2436
<i>F. graminearum</i>	CBS138563	KP966559	2427	1406	1465	1603	1632	1444	1073	1466	-	-	-	1861^	1988	1012	-	-	2226	2244	1267
<i>F. graminearum</i>	CBS139514	KP966560	2427	1406	1465	1603	1632	1444	1073	1466	1159	-	-	1861	1972*	1012	-	-	2226	2244	1267
<i>F. graminearum</i>	CBS139513	KP966561	2427	1406	1465	1603	1632	1444	1073	1466	-	-	-	1861	1988	1012	-	-	2226	2244	1267
<i>F. graminearum</i>	CBS104.09	KR011238	2427	1406	1465	1603	1632	1444	1073	1466'	1159	-	-	1861	1972	1012	-	1700	2226	2244	2446
<i>F. graminearum</i>	HN9-1		2427	1406	1465	1603	1632	1444	1073	1466'	-	-	-	1861	1972	1012	-	1699	2226	2244	2446
<i>F. graminearum</i>	HN-Z6		2427	1406	1465^^	1603	1632	1444	1073	1466'	1146	1994	-	1861	1988'	1012	-	-	2226	2244	2436''
<i>F. graminearum</i>	YL-1		2427	1406	1465	1603	1632	1444	1073	1466	1159	-	1780'***	1861	1988	1012	-	-	2226	2245	1267
<i>F. graminearum</i>	CS3005		2427	1406	1466	1603	-	1444	1073	1466'	-	-	1770	1861	1972	1012	-	-	2226	2244	1267
<i>F. gerlachii</i>		NC_025928	2427'''	1406'	1465*	1602	1632*	1444'	1073	1466'	-	-	-	1861	1972^	1012	-	-	2227	2244'''	1267'

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Table 1 (continued): **Intron locations, lengths and haplotypes within standard mitochondrial genes of *Fusarium graminearum* and *F. gerlachii* strains.** The different haplotypes are displayed with different background color per intron site. Haplotypes that have identical length are differentiated from each other by using ', ^ or *, corresponding to the number of SNPs differentiating the haplotypes (haplotypes 1159' and 1159''' differ by 2 SNPs, while 1159 and 1159''' differ by 3 SNPs).

Species	Strain	Accession	cob-i506	cob-i779	cox1-i218	cox1-i392	cox1-i621	cox1-i715	cox1-i726	cox1-i737	cox1-i827	cox1-i873	cox1-i906	cox1-i1063	cox1-i1131	cox1-i1268	cox1-i1287	nad1-i145	nad1-i636	atp6-i365	cox3-i219	cox3-i333
<i>F. graminearum</i>	INRA-156		1061	1930	1286	1301	1194	1375	1002	1109	1257	1181	1006	2349	1198	1042	1593	306	1146	1453	1503	1431
<i>F. graminearum</i>	INRA-159		1061	1930	1286	1301	1194	1375	1002	1109	1257	1181	1006	2349	1198	1042	1593	306	1146	1453	1503	1431
<i>F. graminearum</i>	INRA-164		1061	1930	1286	1301	1194	1375	1002	1109	1257	1181	1006	2349	1198	1042	1593	306	1146	1453	1503	1431
<i>F. graminearum</i>	INRA-171		1061	1930	1286	1301	1194	1375	1002	1109	1257	1181	1006	2349	1198	1042	1593	306	1146	1453	1503	1431
<i>F. graminearum</i>	INRA-181		1061	1930	1286	1301	1194	1375	1002	1109	1257	1181	1006	2349	1198	1042	1593	306	1146	1453	1503	1431
<i>F. graminearum</i>	INRA-195		1061	1930	1286	1301	1194	1375	1002	1109	1257	1181	1006	2349	1198	1042	1593	306	1146	1453	1503	1431
<i>F. graminearum</i>	PH-1		1061	1930	1286	1301	1194	1375	1002	1109	1257	1181	1006	2371	1198	1042	-	306	1146	1453	1503	1431
<i>F. graminearum</i>	CBS185.32	KP966550	1061	1930	1286^	1301	1194	1375	1002	1109	1257	1181	1006	2363	1198	1042	-	306	1146	1453'	1503	1431
<i>F. graminearum</i>	CBS110263	KP966551	1061	1930	1286*	1301	1194	1375	1002	1109	1257	1181	1006	2349	1198	1042	1593	306	1146	1453	1503	1431
<i>F. graminearum</i>	CBS119173	KP966552	1061	1930	1286	1301	1194	1375	1002	1109	1257	1181	2084	2357	1198	1042	-	306	1146	1453	1503	1431
<i>F. graminearum</i>	CBS119799	KP966553	1061	1930	1286	1301	1194	1375	1002	1109	1257	1181	1006	2349	1198	1042	1593	306	1146	1453	1503	1431
<i>F. graminearum</i>	CBS119800	KP966554	1061	1930	1286^	1301	1194	1375	1002	1109	1257	1181	1006	2363	1198	1042	-	306	1146	1453'	1503	1431
<i>F. graminearum</i>	CBS123688	KP966555	1061	1930	1286	1301	1194	1375	1002	1109	1257	1181	1006	2349	1198	1042	1593	306	1146	1453	1503	1431
<i>F. graminearum</i>	CBS128539	KP966556	1061	1930	1286	1301	1194	1375	1002	1109	1257	1181	1006	2349	1198	1042	1593	306	1146	1453	1503	1431
<i>F. graminearum</i>	CBS138561	KP966557	1061	1930	1286	1301	1194	1375	1002	1109	1257	1181	1006	2349	1198	1042	1593	306	1146	1453	1503	1431
<i>F. graminearum</i>	CBS138562	KP966558	1061	1930	1286	1301	1194	1375	1002	1109	1257	1181	1006	2349	1198	1042	1593	306	1146	1453	1503	1431
<i>F. graminearum</i>	CBS138563	KP966559	1061	1930	1286	1301	1194	1375	1002	1109	1257	1181	1006	2349	1198	1042	1593	306	1146	1453	1503	1431
<i>F. graminearum</i>	CBS139514	KP966560	1061	1930	1286	1301	1194	1375	1002	1109	1257	1181	1006	2349	1198	1042	1593	306	1146	1453	1503	1431
<i>F. graminearum</i>	CBS139513	KP966561	1061	1930	1286	1301	1194	1375	1002	1109	1257	1181	1006	2349	1198	1042	1593	306	1146	1453	1503	1431
<i>F. graminearum</i>	CBS104.09	KR011238	1061	1930	1286^	1301	1194	1375	1002	1109	1257	1181	1006	2363	1198	1042	-	306	1146	1453'	1503	1431
<i>F. graminearum</i>	HN9-1		1061	1930	1286^	1301	1194	1375	1002	1109	1257	1181	1006	2363	1198	1042	-	306	1146	1453'	1503	1431
<i>F. graminearum</i>	HN-Z6		1061	1930	1286^	1301	1194	1375	1002	1109	1257	1181	1006	2363	1198	1042	-	306	1146	1453'	1503	1431
<i>F. graminearum</i>	YL-1		1061	1930	1286	1301	1194	1375	1002	1109	1257	1181	1006	2349	1198	1042	1593	306	1146	1453	1503	1431
<i>F. graminearum</i>	CS3005		1061	1930	1286^	1301	1194	1375	1002	1109	1257	1181	1006	2363	1198	1042	-	306	1146	1453'	1503	1431
<i>F. gerlachii</i>		NC_025928	1061	1930	1286	1301	1194	1375''	1002	1109'	1257	1181	1006	2341	1198	1042	-	306	1146	1454	1503	1431