

Supplemental Table 2. Descriptions of the ten genes in *the F. oxysporum* NRRL 34936 reference genome that were used for the phylogenetic analysis^a.

ID	Super-contig	Left bp	Right bp	Template direction	Chromosome	FOXG Locus	Gene name	Protein domains
8_3474	1	2532130	2537722	→	1	800.3	DNA-directed RNA polymerase III subunit RPC2	RNA polymerase Rpb2, domains 2,3,4,5,6,7 & beta
9_5253	1	2785604	2791881	→	1	887.3	DNA-directed RNA polymerase II subunit RPB1	RNA polymerase Rpb1, domains 1,2,3,4,5,6,7
29_2640	4	1444164	1447590	←	4	4212.3	minichromosome maintenance protein 3	MCM2/3/5 family; Magnesium chelatase, subunit ChII
36_5357	8	1132900	1139315	←	4	7784.3	anaphase-promoting complex subunit 1	Anaphase-promoting complex subunit 1
13_2883	2	1140244	1143109	←	5	1751.3	hypothetical protein	WD, G-beta repeat; Dip2/Utp12 Family
16_5688	2	2230216	2237474	→	5	2073.3	hypothetical protein	Helicase conserved C-terminal; SNF2 family N-terminal; DUF3535
50_3813	13	1150560	1155061	→	7	10639.3	DNA-directed RNA polymerase II subunit RPB2	RNA polymerase Rpb2, domains 2,3,4,5,6,7 & beta
26_1902	3	2875404	2877634	←	8	3560.3	hypothetical protein	Ankyrin repeats (many copies)
45_3630	9	1154204	1160408	←	9	9267.3	clathrin heavy chain	Clathrin propeller repeat; Clathrin, heavy-chain linker; Clathrin-H-link; Region in Clathrin and VPS
46_3420	9	1508944	1513120	→	9	9377.3	DNA polymerase gamma, mitochondrial	DNA polymerase family A

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