

#Additional File S2: A pheromone sequences from a variety of
Sordariomycetes & Yeasts

>Chaetomium_globosum_NT165976_AFactor
MPSTTTQTKVPQTSTNFNGYCVVM*

>Podospora_anserina_AAV90629_AFactor
MPSTTAQTKVPQTSTNFNSYCVVM*

>Neurospora_crassa_XP011394832_AFactor
MPSTAASTKVPQTTMNFNGYCVVM*

>Sordaria_macrospora_AJ249863_AFactor
MPSTAASTKVPQTTMNFNGYCVVM*

>Gibberella_zeae_AACM02000166_AFactor
MPSTKPTSSQKPGYPLSCTVM*

>Candida_glabrata_CR380949_AFactor
MQPTIEATQKDNTOEKRDNYIVKGFFWSPDCVIA*

>Kluyveromyces_delphensis_AY181250_AFactor
MEPAQATQKDNSQDKKDNVWRGRFWYPECVVV*

>Kluyveromyces_lactis_NC006041_AFactor
MQPTQQASQNESAKENKDWIIPGFVWVPQCVVA*

>Kluyveromyces_waltii_AADM01000052_AFactor
MQPIAATQNDSSDNKDNWIHKGLAWDPQCVIA*

>Saccharomyces_bayanus(1)_AACG02000017_AFactor
MQPITTVSAAPKDKTSTEKKDNYIIKGVFWDPAIIIV*

>Saccharomyces_bayanus(2)_CAI4050096.1_AFactor
MQPVATVSAQASQKDKSSEKKDNYI IKGLFWDPAIVIA*

>Saccharomyces_castelii(2)_AACF01000002_AFactor
MQPSAQASQKDNTAENKDNVIVKGLFWDPAIVIA*

>Saccharomyces_castelii(1)_XP003677458_AFactor
MQPTTQATHKDNSAEKQDNVIVKGLFWDPAIVIA*

>Saccharomyces_kluyveri(1)_AAAE03000009_AFactor
MQPKSNATQKDSAENKDNWIIIEGLAWNPQCVII*

>Saccharomyces_kluyveri(2)_AAAE03000009_AFactor
MKAATHATQKGSTEDKENWIIKGFWDPAIVIA*

>Colletotrichum_asianum_AFactor
MIPCFELKIDLYTATDPSPTQSNFGHSSHTSSATISACVVM*

>Colletotrichum_camelliae_AFactor
MIPCSELKVDINTAKDPSPTQSNFGHSSHTSSATISACVVM*

>Colletotrichum_caudatum_AFactor
MNSAPVCCEIKTMLKSSTGEAAALAQNTNTNQGDYGGATILGCVIL*

>Colletotrichum_cereale_AFactor
MDSVPAYCEIKMKPKP̄GTGEAAĪPTQ̄TNTSP̄GDFGGATMLGCVIL*

>Colletotrichum_eremochloae_AFactor
MDSVPAYCEIKMKPKSGAWEAATPAQT̄NTNPGDYGGT̄TLLGCVIL*

>Colletotrichum_falcatum_AFactor
MDSVPAYYEIKMKPKSGTGEAAGTAQT̄NTNQ̄GDYGGATILGCVIL*

>Colletotrichum_fructicola_AFactor
MIPCSELKIDLYTATDPSSSTQSNFGHSSHTSSATISACVVM*

>Colletotrichum_gloeosporioides_AFactor
MIPCSELKIDLYTATDPSSSTQSNFGHSSHTSSATISACVVM*

>Colletotrichum_graminicola_AFactor
MDSVPSFCEIKMKPKSGTGGGATTAQK̄NTNQ̄GDYGGATILGCVIL*

>Colletotrichum_higginsianum_AFactor
MDSAPKCKITTKSKSGAEEPTVPLQ̄TNANPGYFGGASSHGCVIL*

>Colletotrichum_incanum_AFactor
MDSVAECCKITMKPKP̄GTEKPTVPT̄QM̄NTNPGDFGGATWVGCVIL*

>Colletotrichum_karsti_translation_AFactor
MKRFPDIINVDTITDPGTTTQ̄SNVGNAYGNSTATIGGCLVM*

>Colletotrichum_navitas_AFactor
MDSVPAFCEIKMKPKSGTGEAATPAQK̄NTNQ̄GDYGGATILGCVIL*

>Colletotrichum_orbiculare_AFactor
MTININYLSDPSPMAPQ̄AGIGGMTGGT̄TYHACVVM*

>Colletotrichum_orchidophilum_AFactor
MEAVPECKIKLKP̄KSSSDQ̄SSLAKTDAIEPGQ̄FGTHGVTVNACVIL*

>Colletotrichum_sansevieriae_AFactor
MSPFSEAKINVPTIADPNTSAQSSV̄VHNȲNTP̄TSTV̄GACVVM*

>Colletotrichum_shisoi_AFactor
MDSAPKCKMTTKSKSGAEEPTVPT̄Q̄TNANPGYFGGASSHGCVIL*

>Colletotrichum_sidae_AFactor
MTININYLSDPSPMAPQ̄AGIGGMTGGT̄TYHACVVM*

>Colletotrichum_somersetensis_AFactor
MDSVPAFCEIKTMLKSGIGEEAAAPAQM̄NTNQ̄GDYGGATMLGCVIL*

>Colletotrichum_spinosum_AFactor
MTININYLSDPSPMAPQ̄AGIGGMTGGT̄TYHACVVM*

>Colletotrichum_sublineola_AFactor
MDSVPAYCEIKMKPKSGAWEAATPAQT̄NTNPGDYGGT̄TLLGCVIL*

>Colletotrichum_tanaceti_AFactor

MESAPNFCKITTKSKSGVEEPTVPTQTNASPGYFGGASSHGCVIL*

>Colletotrichum_tofieldiae1_AFactor
MDSVAECCKITMKPKPGAEEKPAVPTKTNTNPGDFGGTTWVGCVIL*

>Colletotrichum_tofieldiae2_AFactor
MDSVAECCKITMKPKPGAEEKPAVPTKTNTNPGDFGGTTWVGCVIL*

>Colletotrichum_trifolii_AFactor
MTININYLSEPSMAPQAGIGGMTGGTTYHACVVM*

>Colletotrichum_truncatum_3_AFactor
MNSNSELQYSINLITKPNAAIQTNIGDGVTAGFATDTMCVVM*

>Colletotrichum_truncatum_AFactor
MNSNSELQYSINLITKPNAAIQTNIGDGVTAGFATDTMCVVM*

>Colletotrichum_zoysiae_AFactor
MDSVPACCEIKTMLRSIGIEAAAPGQTNTNQGDYGGATMLGCVIL*

>Verticillium_dahliae_AFactor
MPSYTQKNGGGHSGCSIMKNGGGHSGCSIMKNGGGHSGCSIMKNGGGHSGCSVMKNGGGHSGCAIM*

>Verticillium_tricorpus_AFactor
MPSRAQKNGGGHSGCSVMKNGGGHSGCSVMKNGGGHSGCSVMKNGGGHSGCSVMKNGGGHSGCSVM*

>Neurospora_africana_AFactor
MPSTAASTKVPQTTMNFNGYCVVM*

>Neurospora_tetrasperma_AFactor
MPSTAASTKVPQTTMNFNGYCVVM*

>Neurospora_annonica_AFactor
MPSTAASTKVPQTTMNFNGYCVVM*

>Neurospora_crassa_AFactor
MPSTAASTKVPQTTMNFNGYCVVM*

>Neurospora_terricola_AFactor
MPSTAASTKVPQTTMNFNGYCVVM*

>Neurospora_sublineolata_AFactor
MPSTAASTKVPQTTMNFNGYCVVM*

>Neurospora_discreta_AFactor
MPSTAASTKVPQTTMNFNGYCVVM*

>Huntia_abstrusa_AFactor(1)
MAAIKNTTSSKNAARGVDQSSGCSVMRGVDQSSGCSVMRGVDQSSGCTLMRGVDQSSGCTLM*

>Huntia_bhutanensis_AFactor(1)
MAAIKNITSSKNAARGVDQSNPCNVMRGVDQSNPCAVMRGVDQSNPCTVM*

>Huntia_decipiens_AFactor(1)
MAAIKNITSSKHAARGVDQSNGCSVMRGVDQSNGCTVMRGVDQSNGCTVMRGVNQSNGCTVMRGVNQS
NGCTLM*

>Huntiella_fecunda_AFactor(4)
MPSIKNHTPSTKTSGNETIQPPTSNAARGAIQSPINPITRGVTQAPPCNVMRGVTQAPPCNVM*

>Huntiella_moniliformis_AFactor(4)
MPSIKNHTPSTKTSGNETIQPPTSNAARGAIQSPINPITRGVTQAPPCNVMRGVTQAPPCNVM*

>Huntiella_omanensis_AFactor(1)
MAAIKNTTTSKNAARGVDQSNPCAVMRGVDQSNPCAVMRGVDQSNPCTVMRGVDQSNPCTLM*

>Huntiella_savannae_AFactor(1)
MASVKNITSSKHAARGVDQSTPCSVMRGVDQSTPCNVMRGVDQSTPCNVMRGVDQSTPCTVM*

>Huntiella_tyalla_AFactor(4)
MPSIKNHTPSTKTSGNETIQPPTSNAARGAIQSSINPITRGVTQAPPCNVMRGVTQAPPCNVM*