

Supplementary Materials: *Aspergillus korhogoensis*, a Novel Aflatoxin Producing Species from the Côte d'Ivoire

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Table S1. Primers used to amplify multiple genomic regions within *Aspergillus* species.

Gene	Length bp*	Primers	Sequence	Reference
<i>ITS</i>	1152	Its1	5' – GGAAGTAAAGTCGTAACAAGG-3'	[1]
		D2r	5' – TTGGTCCGTTTCAAGACG-3'	[2]
<i>benA</i>	541	Btub2a	5' – GGTAACCAAATCGGTGCTGCTTTC-3'	[3]
		Btub2b	5' – ACCCTCAGTGTAGTGACCCTTGGC-3'	[3]
<i>cmdA</i>	543	cmd5	5' – CCGAGTACAAGGAGGCCTTC-3'	[4]
		cmd6	5' – CCGATAGAGGTCATAACGTGG-3'	[4]
<i>rpb1</i>	860	FORWARD	5' – GARTGYCCDGGDCAYTTYGG-3'	This study
		REVERSE	5' – CCNGCDATNTRTTRTCCATRTA-3'	This study
<i>mcm7</i>	544	mcmF	5' – CAATGCCTACACTGTGATCGC-3'	This study
		mcmR	5' – CTCCAATGAGCAAAAGAAGCAAG-3'	This study
<i>amdS</i>	566	amdS1	5' – CCATCGGTATAGGAACTGA-3'	[5]
		amdS2	5' – AGGGTGCCACGGTATGTC-3'	[5]
<i>Mat1-1</i>	241	M1F	5' – ATTGCCATTGGCCTTGAA-3'	[6]
		MAT1R3*	5' – ACMGARTARTTGGTMGAAATATCGGCTTC-3'	This study
<i>Mat1-2</i>	645	MAT2F2*	5' – GAYGCTYTGGTCACCTYGAG-3'	This study
		M2R	5' – GCTTCTTTTCGGATGGCTTGCG-3'	[6]
<i>preA</i>	1336	PreAF2	5' – TGCTSACCATCMCTCCSTTGATCTT-3'	This study
		PreAR3	5' – GCTNGTNCCTGCCCATGCATTWG-3'	This study
<i>preB</i>	777	PreBF1	5' – ATCCAGATCTGCATCAACT-3'	This study
		PreBR1	5' – AGCGGGAGAGAGATAGTGACCAG-3'	This study
<i>ppgA</i>	258	ppgAF	5' – GCAGCCACCAGTGTACAGGC-3'	This study
		ppgAR	5' – CCATAGCATCCGCAAGGGCATC-3'	This study

* Amplicon size corresponds to *A. flavus* NRRL3357 sequences except for *Mat1-2*. For *Mat1-2*, amplicon size corresponds to *A. bombycis* sequence.

Table S2: Isolates examined and accession numbers deposited in GenBank. In bold sequences recovered from GenBank; normal sequences obtain in this study. ^T= type strain, * = strains of which the whole genome is sequenced; ** = also found under accession number JX456214; / = gene not present.

Table continues in following pages

SPECIES AND ISOLATE NUMBER	ACCESSION NUMBER										
	ITS	<i>benA</i>	<i>cmdA</i>	<i>mcm7</i>	<i>amdS</i>	<i>rpb1</i>	<i>preB</i>	<i>ppgA</i>	<i>preA</i>	<i>Mat1-1</i>	<i>Mat1-2</i>
<i>A. arachidicola</i>											
CBS 117610 ^T	MF668184	EF203158	EF202049	MF427568	GU203491	MF448475	MF427533	MF427635	MF427600	MF966969	/
CBS 117614	KY937923	KY924665	KY924677	MF427569	MF427670	MF448476	MF427534	MF427636	MF427601	/	MF448470
<i>A. bertholletius</i>											
CCT 7615 ^T	KY937924	KY924666	KY924678	MF427570	MF427671	MF448477	MF427535	MF427637	MF427602	MF448449	/
<i>A. bombycis</i>											
NRRL 26010 ^T	AF104444	AY017547	AY017594	JQ690064	MF427672	MF448478	OGM45283	OGM40854	OGM42599	/	OGM45987
<i>A. caelatus</i>											
NRRL 25528 ^T	AF004930	EF661470	EF661522	JQ690063	MF427673	MF448479	MF427536	MF427638	MF427603	MF448450	/
<i>A. flavus</i>											
NRRL 3518	EF661552	EF661487	EF661510	MF427572	MF427675	MF448481	MF427537	MF427640	MF427605	/	MF448471
NRRL 4818	EF661563	EF661489	EF661510	MF427571	MF427674	MF448480	MF427538	MF427639	MF427604	MF448451	/
NRRL 3357*	MF966967	M38265	EED55330	EED52746	EED48415	EED56055	EED51811	EED56518	EED51899	EED46656	/
<i>A. minisclerotigenes</i>											
CBS 117635 ^T	KY937925	KY924667	KY924679	MF427573	MF427677	MF448483	MF427539	MF427642	MF427607	MF448453	/
E21	KY937926	JX456195	JX456196	MF427574	MF427678	MF448484	MF427540	MF427643	MF427608	JX456194	/
E44	KY937927	JX456210	JX456214	MF427575**	MF427679	MF448485	MF427541	MF427644	MF427609	/	JX456216
E74	KY937928	JX456211	JX456212	MF427576	MF427680	MF448486	MF427542	MF427645	MF427610	/	JX456213
NRRL 29000	KY937929	KY924668	KY924680	MF427577	MF427676	MF448482	MF427543	MF427641	MF427606	MF448452	/
<i>A. mottae</i>											
MUM 10.231 ^T	JF412768	HM803086	HM803015	HM803059	MF427681	MF448487	MF427544	MF427646	MF427611	HM803042	/

SPECIES AND ISOLATE NUMBER	ACCESSION NUMBER										
	ITS	<i>benA</i>	<i>cmdA</i>	<i>mcm7</i>	<i>amdS</i>	<i>rpb1</i>	<i>preB</i>	<i>ppgA</i>	<i>preA</i>	<i>Mat1-1</i>	<i>Mat1-2</i>
<i>A. novoparasiticus</i>											
CBS 126849 ^T	KY937930	KY924673	KY924685	MF427583	GU203478	MF448490	MF427549	MF427649	MF427614	MF448456	/
AFc31	KC964099	KY924669	KY924681	MF427579	KC921994	MF448488	MF427545	MF427647	MF427612	MF448454	/
AFc32	KC964100	KY924670	KY924682	MF427580	KC921995	MF448489	MF427546	MF427648	MF427613	MF448455	/
LEMI 149	KY937931	KY924671	KY924683	MF427581	MF427682	MF448491	MF427547	MF427650	MF427615	MF448457	/
LEMI 267	KY937932	KY924672	KY924684	MF427582	GU203480	MF448492	MF427548	MF427651	MF427616	MF448458	/
<i>A. oryzae</i>											
CBS 100925 ^T	MF668185	EF203138	EF202055	MF427584	MF427683	MF448493	MF427550	MF427652	MF427617	MF448459	/
RIB40*	AP007173	BAE64122	XP_001820302	BAE65095	D10492	XP_001819667	BAE62296	AP007155	XP_001823505	BAE63328	/
<i>A. parasiticus</i>											
CBS 100926 ^T	KY937933	EF203155	EF202043	MF427585	GU203493	MF448494	MF427551	MF427653	MF427618	/	MF448472
NRRL 492	KY937934	KY924674	KY924686	MF427586	GU203494	MF448495	MF427552	MF427654	MF427619		MF495344
<i>A. parvisclerotigenus</i>											
CBS 121.62 ^T	MF668183	EF203130	EF202077	MF427587	MF427684	MF448496	MF427553	MF427655	MF427620	MF448460	/
AFc36	KC964102	KC954604	KC954606	MF427588	MF427685	MF448497	MF427554	MF427656	MF427621	MF448461	/
MACI8	KY689163	KY628794	KY661270	MF427589	MF427686	MF448498	MF427555	MF427657	MF427622	MF448462	/
MACI221	KY689198	KY628787	KY661291	MF427590	MF427687	MF448499	MF427556	MF427658	MF427623	MF495342	/
MACI258	KY689205	KY628789	KY661293	MF427591	MF427688	MF448500	MF427557	MF427659	MF427624	MF495343	/
SF1	MF668179	MF521634	MF521638	MF521646	MF521642	MF521662	MF521658	MF521650	MF521654	MF537434	/
SF3	MF668180	MF521635	MF521639	MF521647	MF521643	MF521663	MF521659	MF521651	MF521655	MF537435	/
SF6	MF668181	MF521636	MF521640	MF521648	MF521644	MF521664	MF521660	MF521652	MF521656	MF537436	/
SF9	MF668182	MF521637	MF521641	MF521649	MF521645	MF521665	MF521661	MF521653	MF521657	MF537437	/
<i>A. pseudocaelatus</i>											
CBS 117616 ^T	KY937935	EF203128	EF202037	MF427592	MF427689	MF448501	MF427558	MF427660	MF427625	MF448463	/
<i>A. pseudotamarii</i>											
NRRL 443	AF004931	EF661476	EF661520	MF427593	MF427690	MF448502	MF427559	MF427661	MF427626	MF448464	/

SPECIES AND ISOLATE NUMBER	ACCESSION NUMBER										
	ITS	<i>benA</i>	<i>cmdA</i>	<i>mcm7</i>	<i>amdS</i>	<i>rpb1</i>	<i>preB</i>	<i>ppgA</i>	<i>preA</i>	<i>Mat1-1</i>	<i>Mat1-2</i>
NRRL 25518 <i>A. sergii</i>	KY937937	KY924675	KY924687	MF427594	MF427691	MF448503	MF427560	MF427662	MF427627	MF448465	/
MUM 10.219 ^T <i>A. sojae</i>	KY937936	HM803082	HQ340097	HM803071	MF427692	MF448504	MF427561	MF427663	MF427628	/	HM802967
CBS 100928 ^T <i>A. transmontanensis</i>	MF668186	KJ175494	KJ175550	MF427595	GU203490	MF448505	MF427562	MF427664	MF427629	MF537438	/
MUM 10.214 ^T <i>A. korhogoensis</i> spp. nov.	JF412771	HM803101	HM803020	HM803065	MF427693	MF448506	MF427563	MF427665	MF427630	HM803050	/
MACI46	KY689207	KY628790	KY661265	MF427596	MF427694	MF448507	MF427564	MF427666	MF427631	MF448466	/
MACI219	KY689208	KY628791	KY661266	MF427597	MF427695	MF448508	MF427565	MF427667	MF427632	/	MF448474
MACI254 ^T	KY689209	KY628792	KY661267	MF427598	MF427696	MF448509	MF427566	MF427668	MF427633	MF448467	/
MACI264	KY689210	KY628793	KY661268	MF427599	MF427697	MF448510	MF427567	MF427669	MF427634	MF448468	/

CBS, Centraalbureau voor Schimmelcultures, Utrecht, The Netherlands; NRRL: National Center for Agricultural Utilization Research, U.S. Department of Agriculture, Peoria, IL, USA; LEMI: Laboratório Especial de Micologia, São Paulo, Brazil; MUM: Micoteca da Universidade de Minho, Braga, Portugal; CCT: Coleção de Cultura Tropical, Campinas, Brazil. SF: Southern Regional Research Center, U.S. Department of Agriculture, New Orleans, USA.

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