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Supplementary material

Isolation, characterization and pathogenicity of fungal pathogens from indigenous postharvest fruits in Akwa Ibom State, Nigeria

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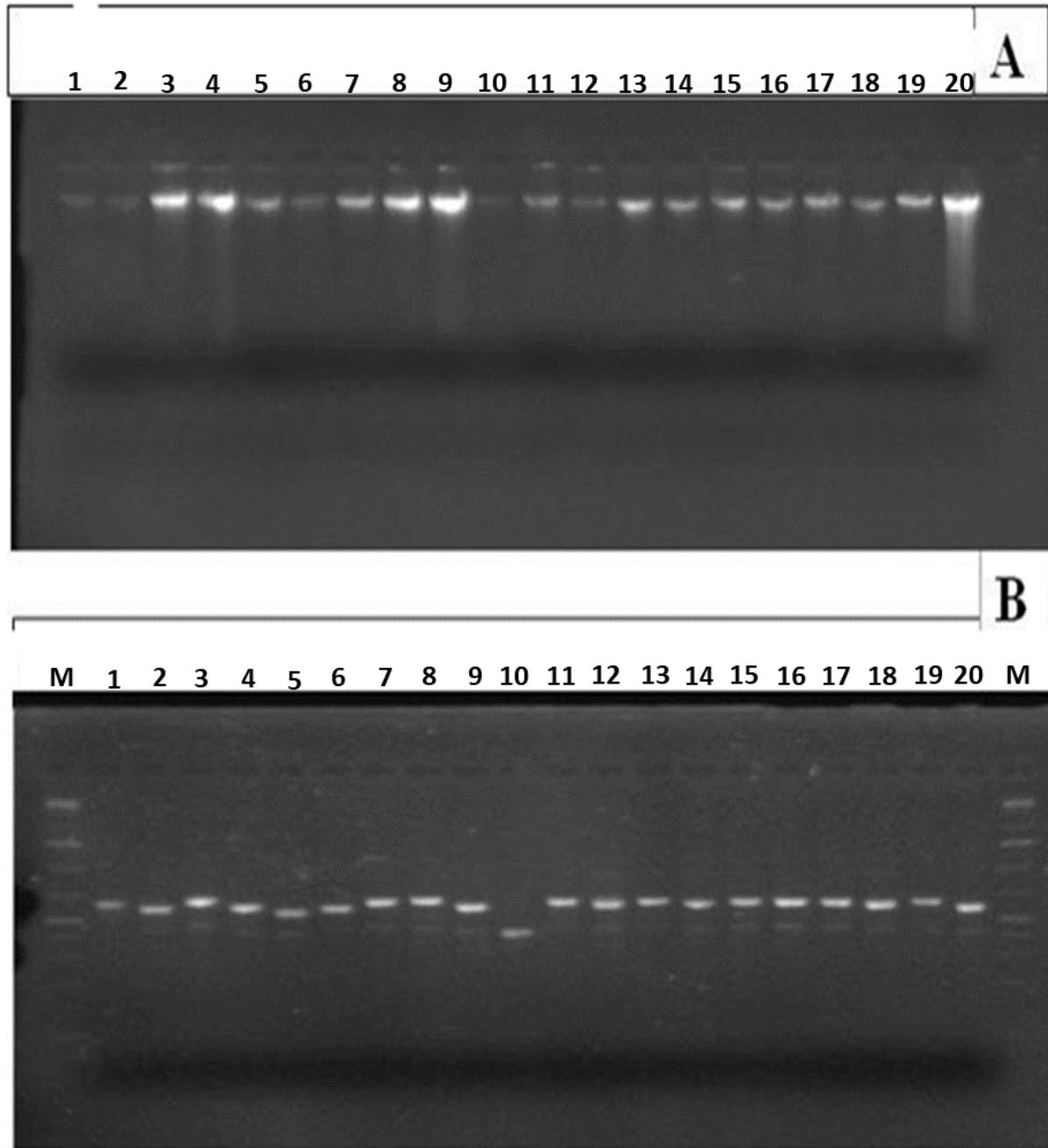
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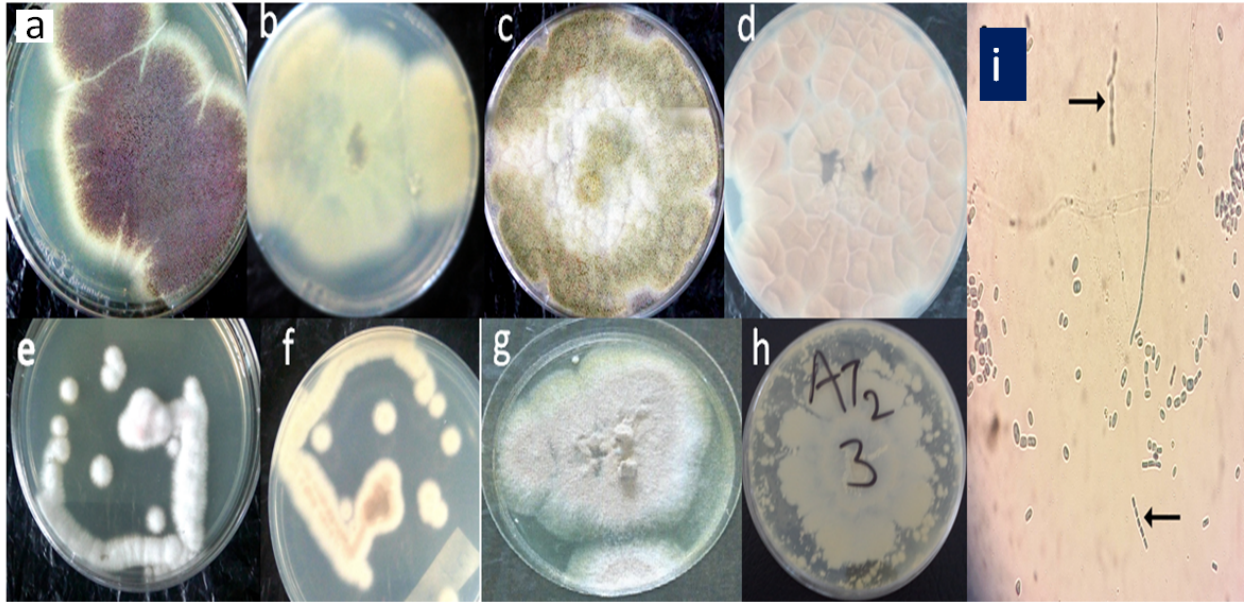
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Supplementary Table S1 - Species, strain and GenBank accession code.

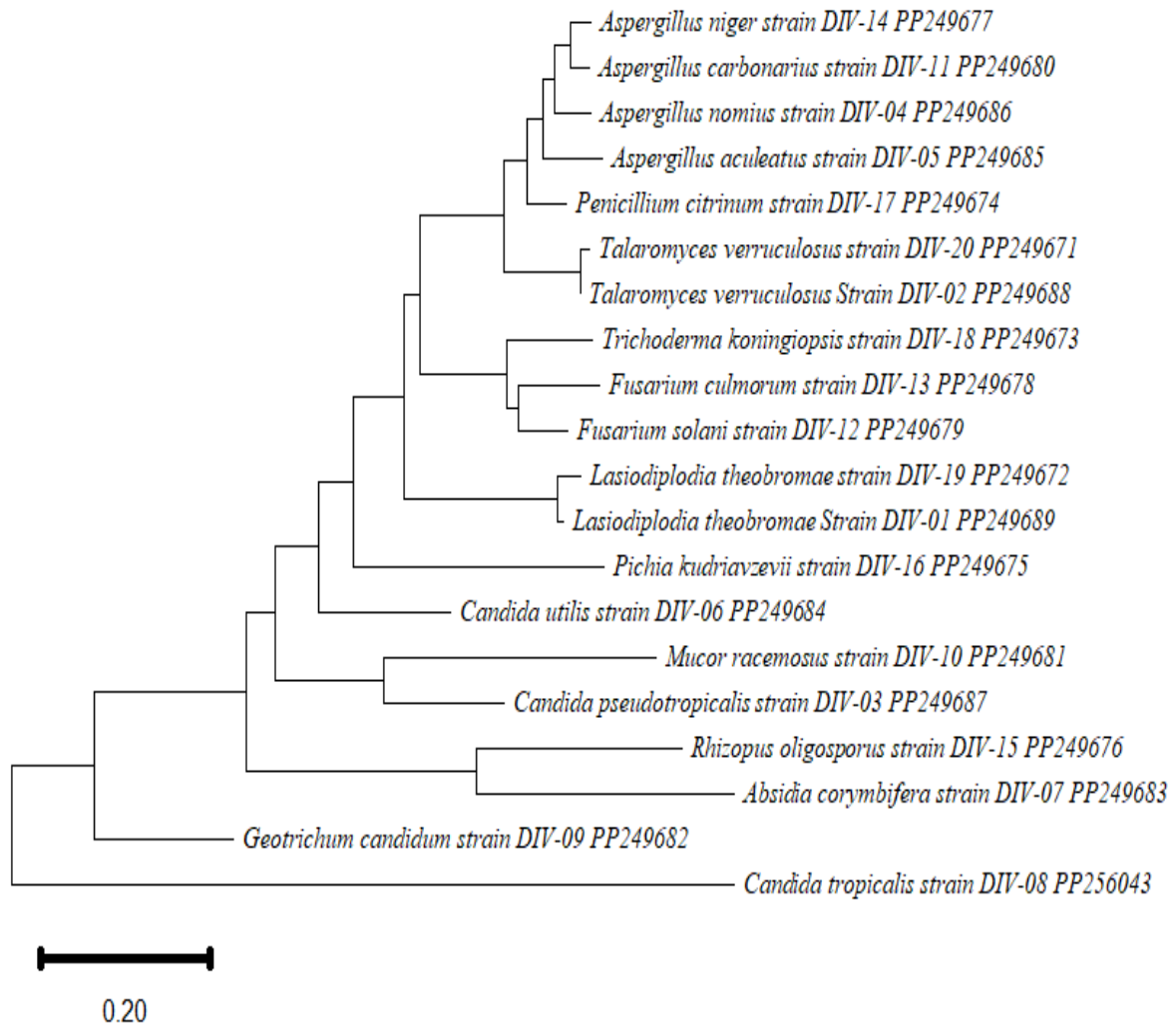
Species	Strain	GenBank accession code
<i>Talaromyces verruculosus</i>	DIV-20	PP249671
<i>Lasiodiplodia theobromae</i>	DIV-19	PP249672
<i>Trichoderma koningiopsis</i>	DIV-18	PP249673
<i>Penicillium citrinum</i>	DIV-17	PP249674
<i>Pichia kudriavzevii</i>	DIV-16	PP249675
<i>Rhizopus oligosporus</i>	DIV-15	PP249676
<i>Aspergillus niger</i>	DIV-14	PP249677
<i>Fusarium culmorum</i>	DIV-13	PP249678
<i>Fusarium solani</i>	DIV-12	PP249679
<i>Aspergillus carbonarius</i>	DIV-11	PP249680
<i>Mucor racemosus</i>	DIV-10	PP249681
<i>Geotrichum candidum</i>	DIV-9	PP249682
<i>Candida tropicalis</i>	DIV-8	PP256043
<i>Absidia corymbifera</i>	DIV-7	PP249683
<i>Candida utilis</i>	DIV-6	PP249684
<i>Aspergillus aculeatus</i>	DIV-5	PP249685
<i>Aspergillus nomius</i>	DIV-4	PP249686
<i>Candida pseudotropicalis</i>	DIV-3	PP249687
<i>Talaromyces verruculosus</i>	DIV-2	PP249688
<i>Lasiodiplodia theobromae</i>	DIV-1	PP249689



Supplementary Fig. S1 - (A) Agarose gel of genomic DNA; (B) PCR amplicon of ITS4/ITS5 primers (M= 1 kb Molecular marker/ladder; 1-20 = fungal isolates from this study). M: Marker, 1- *T. verruculosus* (AG67); 2- *L. theobromae* (DSM 105134); 3- *T. koningiopsis*; 4- *P. citrinum* (IHBF 2260); 5- *P. kudriavzevii* (KKU-TH33); 6- *L. theobromae* (DSM 105134); 7- *A. niger* (IHBF 2283); 8- *A. sclerotiorum* (ANDEF08); 9- *P. citrinum* (IHBF 2216); 10- *G. candidum*; 11- *A. niger* (IHBF 2283); 12- *A. aculeatus* (CF44); 13- *A. nomius* (KUB 105); 14- *A. aculeatus* (AN5); 15- *A. nomius* (KUB 105); 16- *A. nomius* (KUB 105); 17- *A. nomius* (KUB 105); 18- *A. aculeatus* (CF44); 19- *P. lilacinum* (END23); 20- *P. citrinum* (IHBF 2260).



Supplementary Fig. S2 - Morphological characteristics of main pathogens isolated in front and backview: (a) and (b): *Aspergillus aculeatus*, (c) and (d): *Aspergillus nomius*; (e) and (f): *Purpureocillium lilacinum*, (g) *Purpureocillium lilacinum*; (h) *Candida pseudotropicalis*; (i) Photomicrograph of *Candida pseudotropicalis*: Arrows show rudimentary pseudomycelia ($\times 400$).



Supplementary Fig. S3 - Dendrogram showing the level of similarities among the fungal isolates.