

Supplementary materials

Screening for M220 mutation in azole-resistant *Aspergillus fumigatus* isolates from clinical and environmental specimens in Cuba

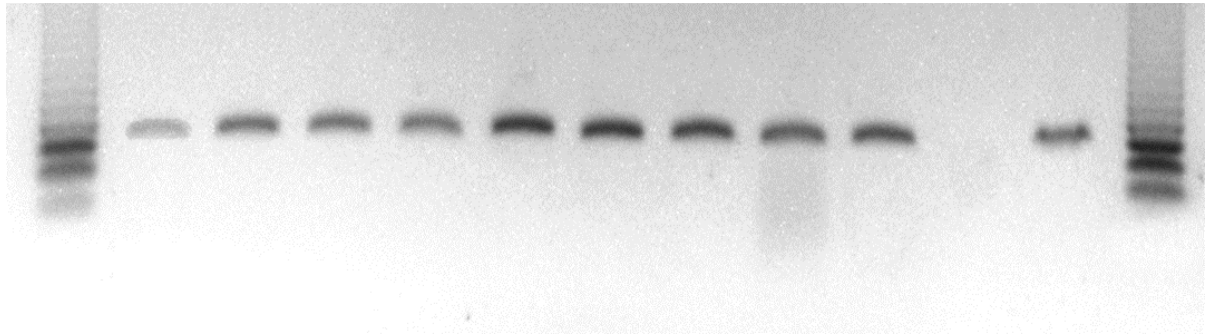
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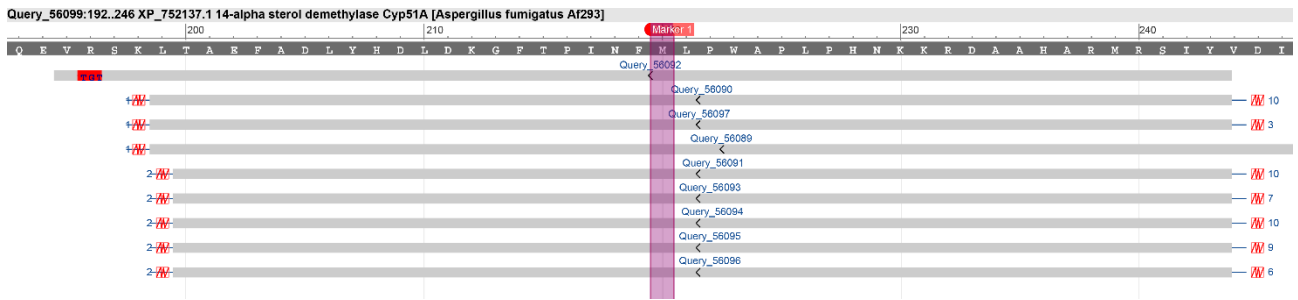
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Supp. Table 1 - Metadata from the *A. fumigatus* isolates evaluated

Isolate code	Origin	Source
AF1	Environmental	Hospital air
AF2	Environmental	Hospital air
AF3	Environmental	Hospital air
AF4	Environmental	Hospital air
AF5	Environmental	Soil
AF6	Environmental	Soil
AF7	Clinical	Pharyngeal swab
AF8	Clinical	Sputum
AF9	Clinical	Sputum
AF10	Clinical	Bronchoalveolar lavage
AF11	Clinical	Pleural fluid
AF12	Clinical	Nasal swab
AF13	Clinical	Bronchoalveolar lavage
AF14	Clinical	Pharyngeal swab
AF15	Clinical	Bronchoalveolar lavage
AF16	Clinical	Lung biopsy
AF17	Clinical	Sputum
AF18	Environmental	Museum air
AF19	Environmental	Museum air
AF20	Environmental	Museum air
AF21	Environmental	Museum air
AF22	Environmental	Museum air
AF23	Environmental	Museum air
AF24	Environmental	Museum air
AF25	Environmental	Atmospheric sampling
AF26	Environmental	Atmospheric sampling
AF27	Environmental	Atmospheric sampling
AF28	Environmental	Atmospheric sampling
AF29	Environmental	Atmospheric sampling
AF30	Environmental	Atmospheric sampling



Supp. Fig. 1 - PCR amplicons of *cyp51A* (173 pb length). From left to right: lane 1 and 13, 50-pb DNA length ladder; lane 2 to 10: AF15, AF13, AF30, AF16, AF1, AF2, AF8, AF12, AF17; lane 11, negative control; lane 12, positive control (*A. fumigatus* ATCC MYA-3627).



Supp. Fig. 2 - Alignment of 14-alpha sterol demethylase sequence from *Aspergillus fumigatus* wild-strain (Af293) and the sequences corresponding to cyp51A region from the nine *A. fumigatus* itraconazole-resistant isolates detected during the research. The area highlighted in red represents the unchanged M220 position on each of the isolates. Query_56092 (AF8), Query_56090 (AF1), Query_56097 (AF16), Query_56089 (AF2), Query_56091 (AF15), Query_56093 (AF30), Query_56094 (AF12), Query_56095 (AF17), Query_56096 (AF13).