

Tables S1 (1-3). Mathematical assessment and testing to predict *Aspergillus* species

**Table 1.** Evaluation of the probability equation with primer OPC-06 of Cuban isolates to determine the most probable species with the statistical analysis.

**OPC-06**

AISLADO	PRIMER	BANDAS	pb	Intensidad	Correspondencia <i>Flavus</i>	Correspondencia <i>Fumigatus</i>	Correspondencia <i>Niger</i>	Correspondencia <i>Tubingensis</i>	Especie más probable
PRU1FUMCUBANO	OPC-06	1	150	1	<b>0.87562731</b>	0.00934631	0.11199239	0.00303399	FLAVUS
PRU1FUMCUBANO	OPC-06	2	200	0.5	<b>0.8766509</b>	0.00732215	0.11346158	0.00256537	FLAVUS
PRU1FUMCUBANO	OPC-06	3	300	0.5	<b>0.86484428</b>	0.00926619	0.12299141	0.00289813	FLAVUS
PRU1FUMCUBANO	OPC-06	4	400	0.5	<b>0.85190284</b>	0.01170859	0.13311948	0.00326908	FLAVUS
PRU1FUMCUBANO	OPC-06	5	500	0.5	<b>0.83771509</b>	0.01476938	0.14383435	0.00368119	FLAVUS
PRU1FUMCUBANO	OPC-06	6	550	0.5	<b>0.83011632</b>	0.01657602	0.14940412	0.00390354	FLAVUS
PRU1FUMCUBANO	OPC-06	7	700	0.5	<b>0.80510627</b>	0.02335724	0.16689714	0.00463935	FLAVUS
PRU1FUMCUBANO	OPC-06	8	1000	0.5	<b>0.74355205</b>	0.04553377	0.20448015	0.00643404	FLAVUS
PRU1FUMCUBANO	OPC-06	9	1200	0.5	<b>0.69245395</b>	0.06977754	0.22991118	0.00785733	FLAVUS
PRU1FUMCUBANO	OPC-06	1	150	1	<b>0.87562731</b>	0.00934631	0.11199239	0.00303399	FLAVUS
PRU1FUMCUBANO	OPC-06	2	200	0.5	<b>0.8766509</b>	0.00732215	0.11346158	0.00256537	FLAVUS
PRU1FUMCUBANO	OPC-06	3	300	0.5	<b>0.86484428</b>	0.00926619	0.12299141	0.00289813	FLAVUS
PRU1FUMCUBANO	OPC-06	4	400	0.5	<b>0.85190284</b>	0.01170859	0.13311948	0.00326908	FLAVUS
PRU1FUMCUBANO	OPC-06	5	500	0.5	<b>0.83771509</b>	0.01476938	0.14383435	0.00368119	FLAVUS
PRU1FUMCUBANO	OPC-06	6	550	0.5	<b>0.83011632</b>	0.01657602	0.14940412	0.00390354	FLAVUS
PRU1FUMCUBANO	OPC-06	7	700	0.5	<b>0.80510627</b>	0.02335724	0.16689714	0.00463935	FLAVUS
PRU1FUMCUBANO	OPC-06	8	1000	1	<b>0.72229925</b>	0.06402121	0.20576021	0.00791934	FLAVUS
PRU1FUMCUBANO	OPC-06	9	1200	1	<b>0.66482232</b>	0.09696497	0.22865422	0.00955849	FLAVUS
PRU1FUMCUBANO	OPC-06	1	150	1	<b>0.87562731</b>	0.00934631	0.11199239	0.00303399	FLAVUS
PRU1FUMCUBANO	OPC-06	2	200	0.5	<b>0.8766509</b>	0.00732215	0.11346158	0.00256537	FLAVUS
PRU1FUMCUBANO	OPC-06	3	300	0.5	<b>0.86484428</b>	0.00926619	0.12299141	0.00289813	FLAVUS

PRU1FUMCUBANO	OPC-06	4	400	0.5	<b>0.85190284</b>	0.01170859	0.13311948	0.00326908	FLAVUS
PRU1FUMCUBANO	OPC-06	5	500	0.5	<b>0.83771509</b>	0.01476938	0.14383435	0.00368119	FLAVUS
PRU1FUMCUBANO	OPC-06	6	550	0.5	<b>0.83011632</b>	0.01657602	0.14940412	0.00390354	FLAVUS
PRU1FUMCUBANO	OPC-06	7	700	0.5	<b>0.80510627</b>	0.02335724	0.16689714	0.00463935	FLAVUS
PRU1FUMCUBANO	OPC-06	8	1000	2	<b>0.66270937</b>	0.12305487	0.2025705	0.01166525	FLAVUS
PRU1FUMCUBANO	OPC-06	9	1200	1	<b>0.66482232</b>	0.09696497	0.22865422	0.00955849	FLAVUS
PRU1FUMCUBANO	OPC-06	1	150	0.5	<b>0.88216084</b>	0.00650555	0.10892124	0.00241237	FLAVUS
PRU1FUMCUBANO	OPC-06	2	200	0.5	<b>0.8766509</b>	0.00732215	0.11346158	0.00256537	FLAVUS
PRU1FUMCUBANO	OPC-06	3	300	0.5	<b>0.86484428</b>	0.00926619	0.12299141	0.00289813	FLAVUS
PRU1FUMCUBANO	OPC-06	4	400	0.5	<b>0.85190284</b>	0.01170859	0.13311948	0.00326908	FLAVUS
PRU1FUMCUBANO	OPC-06	5	500	0.5	<b>0.83771509</b>	0.01476938	0.14383435	0.00368119	FLAVUS
PRU1FUMCUBANO	OPC-06	6	550	0.5	<b>0.83011632</b>	0.01657602	0.14940412	0.00390354	FLAVUS
PRU1FUMCUBANO	OPC-06	7	700	0.5	<b>0.80510627</b>	0.02335724	0.16689714	0.00463935	FLAVUS
PRU1FUMCUBANO	OPC-06	8	1000	1	<b>0.72229925</b>	0.06402121	0.20576021	0.00791934	FLAVUS
PRU1FUMCUBANO	OPC-06	9	1200	1	<b>0.66482232</b>	0.09696497	0.22865422	0.00955849	FLAVUS

**Table 2.** Evaluation of the probability equation with primer OPF-01 of Cuban isolates to determine the most probable species with the statistical analysis.

## OPF-01

AISLADO	PRIMER	CODIGO	BANDAS	pb	Intensidad	Correspondencia <i>Flavus</i>	Correspondencia <i>Fumigatus</i>	Correspondencia <i>Niger</i>	Correspondencia <i>Tubingesis</i>	Especie más probable
PRU3FUMCUBANO	OPF-01	FC1	1	450	0.5	2.07E-10	<b>1</b>	3.57E-11	1.44E-10	FUMIGATUS
PRU3FUMCUBANO	OPF-01	FC1	2	500	0.5	1.99E-10	<b>1</b>	3.61E-11	1.42E-10	FUMIGATUS
PRU3FUMCUBANO	OPF-01	FC1	3	600	1	2.47E-11	<b>1</b>	5.94E-12	2.35E-11	FUMIGATUS
PRU3FUMCUBANO	OPF-01	FC1	4	800	0.5	1.58E-10	<b>1</b>	3.81E-11	1.26E-10	FUMIGATUS
PRU3FUMCUBANO	OPF-01	FC1	5	900	2	3.54E-13	<b>1</b>	1.64E-13	6.26E-13	FUMIGATUS
PRU3FUMCUBANO	OPF-01	FC1	6	1000	2	3.28E-13	<b>1</b>	1.67E-13	6.01E-13	FUMIGATUS
PRU3FUMCUBANO	OPF-01	FC1	7	1000	2	3.28E-13	<b>1</b>	1.67E-13	6.01E-13	FUMIGATUS

PRU3FUMCUBANO	OPF-01	FC1	8	1200	0.5	1.16E-10	1	4.10E-11	1.07E-10	FUMIGATUS
PRU3FUMCUBANO	OPF-01	FC1	9	1300	1	1.45E-11	1	6.75E-12	1.78E-11	FUMIGATUS
PRU3FUMCUBANO	OPF-01	FC2	1	450	0.5	2.07E-10	1	3.57E-11	1.44E-10	FUMIGATUS
PRU3FUMCUBANO	OPF-01	FC2	2	500	0.5	1.99E-10	1	3.61E-11	1.42E-10	FUMIGATUS
PRU3FUMCUBANO	OPF-01	FC2	3	600	1	2.47E-11	1	5.94E-12	2.35E-11	FUMIGATUS
PRU3FUMCUBANO	OPF-01	FC2	4	800	0.5	1.58E-10	1	3.81E-11	1.26E-10	FUMIGATUS
PRU3FUMCUBANO	OPF-01	FC2	5	900	2	3.54E-13	1	1.64E-13	6.26E-13	FUMIGATUS
PRU3FUMCUBANO	OPF-01	FC2	6	1000	2	3.28E-13	1	1.67E-13	6.01E-13	FUMIGATUS
PRU3FUMCUBANO	OPF-01	FC2	7	1000	2	3.28E-13	1	1.67E-13	6.01E-13	FUMIGATUS
PRU3FUMCUBANO	OPF-01	FC2	8	1200	0.5	1.16E-10	1	4.10E-11	1.07E-10	FUMIGATUS
PRU3FUMCUBANO	OPF-01	FC2	9	1300	1	1.45E-11	1	6.75E-12	1.78E-11	FUMIGATUS
PRU3FUMCUBANO	OPF-01	FC3	1	450	0.5	2.07E-10	1	3.57E-11	1.44E-10	FUMIGATUS
PRU3FUMCUBANO	OPF-01	FC3	2	500	0.5	1.99E-10	1	3.61E-11	1.42E-10	FUMIGATUS
PRU3FUMCUBANO	OPF-01	FC3	3	600	1	2.47E-11	1	5.94E-12	2.35E-11	FUMIGATUS
PRU3FUMCUBANO	OPF-01	FC3	4	800	0.5	1.58E-10	1	3.81E-11	1.26E-10	FUMIGATUS
PRU3FUMCUBANO	OPF-01	FC3	5	900	2	3.54E-13	1	1.64E-13	6.26E-13	FUMIGATUS
PRU3FUMCUBANO	OPF-01	FC3	6	1000	2	3.28E-13	1	1.67E-13	6.01E-13	FUMIGATUS
PRU3FUMCUBANO	OPF-01	FC3	7	1000	2	3.28E-13	1	1.67E-13	6.01E-13	FUMIGATUS
PRU3FUMCUBANO	OPF-01	FC3	8	1200	0.5	1.16E-10	1	4.10E-11	1.07E-10	FUMIGATUS
PRU3FUMCUBANO	OPF-01	FC3	9	1300	1	1.45E-11	1	6.75E-12	1.78E-11	FUMIGATUS
PRU3FUMCUBANO	OPF-01	FC4	1	450	0.5	2.07E-10	1	3.57E-11	1.44E-10	FUMIGATUS
PRU3FUMCUBANO	OPF-01	FC4	2	500	0.5	1.99E-10	1	3.61E-11	1.42E-10	FUMIGATUS
PRU3FUMCUBANO	OPF-01	FC4	3	600	1	2.47E-11	1	5.94E-12	2.35E-11	FUMIGATUS
PRU3FUMCUBANO	OPF-01	FC4	4	800	0.5	1.58E-10	1	3.81E-11	1.26E-10	FUMIGATUS
PRU3FUMCUBANO	OPF-01	FC4	5	900	2	3.54E-13	1	1.64E-13	6.26E-13	FUMIGATUS
PRU3FUMCUBANO	OPF-01	FC4	6	1000	2	3.28E-13	1	1.67E-13	6.01E-13	FUMIGATUS
PRU3FUMCUBANO	OPF-01	FC4	7	1000	2	3.28E-13	1	1.67E-13	6.01E-13	FUMIGATUS
PRU3FUMCUBANO	OPF-01	FC4	8	1200	0.5	1.16E-10	1	4.10E-11	1.07E-10	FUMIGATUS
PRU3FUMCUBANO	OPF-01	FC4	9	1300	1	1.45E-11	1	6.75E-12	1.78E-11	FUMIGATUS

**Table 3.** Evaluation of the probability equation with primer OPG-13 of Cuban isolates to determine the most probable species with the statistical analysis.

## OPG-13

AISLADO	PRIMER	CODIGO	BANDAS	pb	Intensidad	Correspondencia <i>Flavus</i>	Correspondencia <i>Fumigatus</i>	Correspondencia <i>Niger</i>	Correspondencia <i>Tubingensis</i>	Especie más probable
PRU1FUMCUBANO	OPG-13	TubC1	1	450	0.5	0.03623853	0.00314777	0.00060975	<b>0.96000395</b>	TUBINGENSIS
PRU1FUMCUBANO	OPG-13	TubC1	2	500	0.5	0.03060085	0.0025014	0.00052325	<b>0.96637449</b>	TUBINGENSIS
PRU1FUMCUBANO	OPG-13	TubC2	1	450	0.5	0.03623853	0.00314777	0.00060975	<b>0.96000395</b>	TUBINGENSIS
PRU1FUMCUBANO	OPG-13	TubC2	2	500	0.5	0.03060085	0.0025014	0.00052325	<b>0.96637449</b>	TUBINGENSIS
PRU1FUMCUBANO	OPG-13	TubC3	1	450	0.5	0.03623853	0.00314777	0.00060975	<b>0.96000395</b>	TUBINGENSIS
PRU1FUMCUBANO	OPG-13	TubC3	2	500	0.5	0.03060085	0.0025014	0.00052325	<b>0.96637449</b>	TUBINGENSIS
PRU1FUMCUBANO	OPG-13	NC1	1	120 0	0.5	0.00046182	9.67E-06	4.04E-06	<b>0.99952447</b>	TUBINGENSIS
PRU1FUMCUBANO	OPG-13	NC2	1	120 0	0.5	0.00046182	9.67E-06	4.04E-06	<b>0.99952447</b>	TUBINGENSIS