Title: "**Rapid detection and quantification of *Aspergillus fumigatus* in environmental air samples using solid-phase cytometry**"

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Table: Overview of the fungi used for specificity testing with their corresponding behaviour in the assay.

Figure S1: A graph demonstrating the correlation between the volume of air sampled and the number of *A. fumigatus* cells obtained with the SPC procedure is also available.

Table: Overview of the fungi used for specificity testing with their corresponding behaviour in the assay.

Fungus	Strain number (s) ^a	Microcolony formation (47 °C, 18 h)	Cross reactivity with the anti- <i>Aspergillus</i> AB
<i>Aspergillus clavatus</i>	IHEM 5138, IHEM 9776	-	+
<i>Aspergillus flavus</i>	IHEM 2700, IHEM 6741	-	+
<i>Aspergillus lentulus</i>	IHEM 22458, IHEM 22459	-	+
<i>Aspergillus nidulans</i>	IHEM 3563, IHEM 4190	-	+
<i>Aspergillus niger</i>	IHEM 4781, IHEM 9673	-	+
<i>Aspergillus terreus</i>	IHEM 349, IHEM 3280	-	+
<i>Aspergillus versicolor</i>	IHEM 2157, IHEM 2646	-	+
<i>Penicillium aurantiogriseum</i>	IHEM 6620	-	+
<i>Penicillium brevicompactum</i>	IHEM 1388	-	+
<i>Penicillium capsulatum</i>	IHEM 1376	-	+
<i>Penicillium chrysogenum</i>	IHEM 3035	-	+
<i>Penicillium citrinum</i>	IHEM 1328	-	+
<i>Penicillium commune</i>	IHEM 10238	-	+
<i>Penicillium crustosum</i>	IHEM 6359	-	+
<i>Penicillium digitatum</i>	IHEM 3201	-	+
<i>Penicillium duclauxii</i>	IHEM 3498	-	+
<i>Penicillium italicum</i>	IHEM 3200	-	+
<i>Penicillium piceum</i>	IHEM 3036	-	+
<i>Penicillium roqueforti</i>	IHEM 3196	-	+
<i>Penicillium simplicissimum</i>	IHEM 1202	-	+
<i>Penicillium spinulosum</i>	IHEM 970	-	+
<i>Absidia corymbifera</i>	IHEM 5092	+	-
<i>Alternaria alternata</i>	IHEM 2505	-	-
<i>Alternaria tenuissima</i>	IHEM 3327, IHEM 4179	-	+
<i>Fusarium graminearum</i>	IHEM 2994	-	-
<i>Fusarium oxysporum</i>	IHEM 14513	-	-
<i>Fusarium solani</i>	IHEM 6743	-	-
<i>Mucor racemosus</i>	IHEM 325	-	-
<i>Paecilomyces variotii</i>	IHEM 3285, IHEM 14443	+	+
<i>Rhizopus microsporus</i>	IHEM 7978	+	-
<i>Rhizopus oryzae</i>	IHEM 6016	+	-
<i>Rhizopus stolonifer</i>	IHEM 718, IHEM 4101	+	+