Erratum to: Development and performance assessment of a qualitative SYBR® green real-time PCR assay for the detection of Aspergillus versicolor in indoor air

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The original version of this article inadvertently contains mistake. Table 5 was incorrectly presented. The correct Table is given below:

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### Table 5  Environmental sampling, comparison of classical analysis methods with the SYBR®green qPCR Aversi_ITS assay

| Sampling place | Species          | Classical method | Molecular method |
|---------------|------------------|------------------|------------------|
|               |                  | RCS plus sampler and culturing | Coriolis μ sampler and culturing | Coriolis μ sampler and qPCR |
|               |                  | Number of colonies per plate | CFU/m³ a | Number of colonies per plate | Amount of DNA/PCR reaction (ng)b | C_q mean ± SD c | Theoretical copy number of gDNA for 1 m³ d |
| House 1       |                  |                  |              |                  |                             |                  |                                      |
| Room          | A. versicolor    | 3                | 38            | 9                | 19.8                        | 32.15 ± 0.49     | 67                                      |
|               | P. chrysogenum   | 7                | 88            | 17               |                             |                  |                                      |
|               | Infertile mycelium | 0              | 0             | 1                |                             |                  |                                      |
| Kitchen       | A. versicolor    | 1                | 13            | 2                | 21.7                        | 35.25 ± 0.21     | 7                                       |
|               | A. glaucus       | 1                | 13            | 1                |                             |                  |                                      |
|               | P. chrysogenum   | 8                | 100           | 7                |                             |                  |                                      |
|               | yeast (undetermined) | 1             | 13            | 1                |                             |                  |                                      |
| Living room   | P. chrysogenum   | 24               | 300           | 25               | 53.3                        | N/A              | /                                       |
| Bathroom      | A. versicolor    | 4                | 50            | 6                | 50                          | 30.26 ± 0.35     | 93                                      |
|               | Infertile mycelium | 4              | 50            | 4                |                             |                  |                                      |
|               | P. chrysogenum   | 15               | 188           | 17               |                             |                  |                                      |
| House 2       |                  |                  |              |                  |                             |                  |                                      |
| Room 1        | infertile mycelium | 4              | 50            | 4                | 51.5                        | N/A              | /                                       |
|               | P. chrysogenum   | 17               | 213           | 15               |                             |                  |                                      |
| Room 2        | infertile mycelium | 2              | 25            | 1                | 10.4                        | N/A              | /                                       |
|               | P. chrysogenum   | 3                | 38            | 4                |                             |                  |                                      |
| Kitchen       | P. chrysogenum   | 6                | 75            | 5                | 12.5                        | N/A              | /                                       |
|               | Infertile mycelium | 3              | 38            | 4                |                             |                  |                                      |
| Living room   | A. versicolor    | 1                | 13            | 2                | 49.5                        | 35.85 ± 0.07     | 7                                       |
|               | P. chrysogenum   | 18               | 225           | 20               |                             |                  |                                      |
| Bathroom      | A. versicolor    | 1                | 13            | 2                | 45                          | 33.9 ± 0.28      | 33                                      |
|               | Cladosporium spp.| 1                | 13            | 1                |                             |                  |                                      |
|               | P. chrysogenum   | 15               | 188           | 13               |                             |                  |                                      |
|               | yeast (undetermined) | 0             | 0             | 2                |                             |                  |                                      |

a The value for CFU/m³ is an estimation of fungal contamination based on the number of colonies per plate. The Coriolis μ samples that were put into culture to serve as a qualitative control for the species identified with the RCS plus sampler and for A. versicolor detected in the Coriolis μ samples with the qPCR method. b 10 μl of extracted DNA from 1.5 m³ sampled air (and eluted in 100 μl of water) were use in a 25 μl PCR reaction. C_q values are C_q means (≤40) ± standard deviation (SD) obtained with the validated Aversi_ITS primers. N/A defined as no amplification, i.e. A. versicolor was considered as not detected in the sample. d Theoretical copy number of gDNA based on the Aspergillus versicolor IHEM 18884 strain defined as the strain of reference for the validation of the Aversi_ITS assay (Table 3b).