

Chemotaxonomy of Mycotoxigenic Small-Spored *Alternaria* Fungi – Do Multitoxin Mixtures Act as an Indicator for Species Differentiation?

Theresa Zwickel^{1,2*}, Sandra M. Kahl^{3,4}, Michael Rychlik² and Marina E. H. Müller^{3*}

¹ Federal Institute for Risk Assessment (BfR), Berlin, Germany, ² Chair of Analytical Food Chemistry, Technical University of Munich, Munich, Germany, ³ Leibniz Centre for Agricultural Landscape Research (ZALF), Müncheberg, Germany, ⁴ University of Potsdam, Institute of Biochemistry und Biology, Potsdam, Germany

*Correspondence: Marina E. H. Müller; mmueller@zalf.de

Table-S1: *Alternaria* strains used in this study isolated from winter wheat kernels, with geographical origin and species-group affiliation. The names consist of a code of country (first capital letter; G: Germany, R: Russia), region (capital letter; H: Helpt, N: Novosibirsk, St: Steinfurth), identification number and sporulation group (a: *A. alternata*, ab: *A. arborescens*, i: *A. infectoria* and t: *A. tenuissima*).

| Species-group | Origin | Standard culture | Germany region of Helpt | Germany region of Steinfurth | Russia region of Novosibirsk |
|-----------------------------|---------|------------------|------------------------------|------------------------------|------------------------------|
| <i>Alternaria alternata</i> | | EGS# 34-016 | GH 16a | GST 03a | RN 06Aa |
| | | | GH 21a | GST 05a | RN 06Ba |
| | | | GH 23a | GST 08a | RN 11Ca |
| | | | GH 32a | GST 11a | |
| | | | GH 49a | GST 15a | |
| | | | | GST 17a | |
| | | | | GST20a | |
| | | | | GST 24a | |
| | | | | GST 30a | |
| | | | | GST 37a | |
| | | | | GST 38a | |
| | | | | GST 40a | |
| | | | <i>Alternaria tenuissima</i> | | EGS# 34-015 |
| GH 26t | GST 09t | RN 02At | | | |
| GH 29t | GST 14t | RN 02Bt | | | |
| GH 31t | GST 16t | RN 02Dt | | | |
| GH 36t | GST 19t | RN 03At | | | |
| GH 46t | GST 23t | RN 04Bt | | | |
| GH 50t | GST 31t | RN 06Ct | | | |
| | GST 44t | RN 06Dt | | | |
| | GST 47t | RN 07At | | | |
| | GST 52t | RN 07Bt | | | |
| | | RN 08Bt | | | |
| | | RN 08Dt | | | |
| | | RN 09At | | | |
| | | RN 09Bt | | | |
| | | RN 09Ct | | | |
| | | RN 10At | | | |
| | | RN 10Bt | | | |

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|-------------------------------|--------|--------------------------|-------------------------|------------------------------|------------------------------|
| <i>Alternaria arborescens</i> | | CSB ^{##} 102605 | GH 35ab | GST 07ab | RN 02Cab |
| | | | | GST 22ab | RN 05Bab |
| | | | | GST 28ab | |
| | | | | GST 32ab | |
| | | | | GST 33ab | |
| | | | | GST 41ab | |
| | | | | GST 53ab | |
| <i>Alternaria infectoria</i> | | CSB ^{##} 210.86 | GH 04i | GST 01i | RN 04Ai |
| | | | GH 09i | GST 25i | RN 07Ci |
| | | | GH 10i | GST 34i | |
| | | | GH 12i | GST 46i | |
| | | | GH 13i | GST 51i | |
| | | | GH 19i | | |
| | | | GH 28i | | |
| | | | GH 33i | | |
| | | | GH 34i | | |
| | | | GH 38i | | |
| | | | GH 40i | | |
| | | | GH 41i | | |
| | | | GH 45i | | |
| | | | GH 47i | | |
| | | | GH 48i | | |
| | | | GH 53i | | |
| GH 55i | | | | | |
| GH 56i | | | | | |

[#]EGS: Personal collection of Dr. E.G. Simmons

^{##} CSB:Centraalbureau voor Schimmelcultures, Fungal Biodiversity Centre (Utrecht)