

## Supplementary Materials: The Response of Selected *Triticum* spp. Genotypes with Different Ploidy Levels to Head Blight Caused by *Fusarium culmorum* (W.G.Smith) Sacc.

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**Table S1.** Factor loading values based on the correlation between the Principal Component (PC) and variable (mycotoxin) and contribution of variables (in brackets, in percent) for the mycotoxin concentration in grain of examined wheat genotypes in two years of experiment.

Mycotoxin	Year		2011	
	2010	2011	PC 1	PC 2
DON	0.977 ** (11.7)	0.055 (0.1)	-0.909 ** (7.8)	0.353 (2.7)
D-3G	0.932 ** (10.6)	-0.005 (0.0)	-0.905 ** (7.7)	0.214 (1.0)
3-Ac DON	0.595 * (4.3)	0.061 (0.1)	-0.743 ** (5.2)	0.459 * (4.6)
Deepoxy-DON	0.989 ** (12.0)	0.036 (0.0)	<LOD	
BUT	<LOD		-0.908 ** (7.7)	0.313 (2.1)
NIV	0.964 ** (11.4)	0.020 (0.0)	-0.908 ** (7.7)	-0.004 (0.0)
ZEA	0.803 ** (7.9)	-0.071 (0.2)	-0.922 ** (8.0)	0.039 (0.0)
ZEA-4 Sulfate	0.936 ** (10.7)	-0.072 (0.2)	-0.940 ** (8.3)	0.128 (0.4)
MON	0.061 (0.0)	-0.967 ** (32.2)	-0.455 (1.9)	0.847 ** (15.6)
Apicidin	0.040 (0.0)	-0.881 ** (26.7)	-0.810 ** (6.2)	-0.279 (1.7)
Equisetin	<LOD		-0.519 * (2.5)	-0.450 (3.8)
Emodin	<LOD		-0.085 (0.1)	-0.249 (1.0)
AOH	0.851 ** (8.9)	0.126 (0.5)	<LOD	
AME	0.851 ** (8.9)	0.126 (0.5)	<LOD	
Tentoxin	0.851 ** (8.9)	0.126 (0.5)	-0.325 (1.0)	-0.709 ** (10.9)
Culmorin	<LOD		-0.837 ** (7.0)	0.433 (3.9)
15-Hydroxy-Culmorin	<LOD		-0.884 ** (7.6)	0.408 (3.4)
5-Hydroxy-Culmorin	<LOD		-0.837 **	0.427

			(7.1)	(3.2)
AUF	0.614 *	-0.407	-0.947 **	-0.095
	(4.6)	(5.7)	(8.4)	(0.2)
Chlamydosporol	<LOD		-0.562 *	-0.766 **
			(3.0)	(12.6)
Avenacein Y	<LOD		-0.296	0.882 **
			(0.8)	(16.5)
Hexadepsipeptides	-0.008	-0.982 **	-0.455	0.866 **
	(0.0)	(33.2)	(1.9)	(16.3)

\*, \*\*—significant at  $p < 0.05$  and  $0.01$ , respectively; toxin abbreviations—see “Abbreviations”.