

Supplementary material

EST analysis

Table 1 : cDNA library experimental conditions, wheat variety, time of inoculation and number of reads

Lib Name	Wheat variety	Time of inoculation	Tissue	Normalization/substraction	# of reads
LIB3833	cv Bobwhite – <i>Fusarium</i> <i>graminearum</i> (16A)	spray inoculated pooled day 1, 2, 3, 4		normalised – NO, subtracted NO	2749
LIB3853	cv Bobwhite – <i>Stagonosporum</i> <i>nodorum</i> (SL1)	spray inoculated pooled day 1, 2, 3, 4		normalised – NO, subtracted NO	4823
LIB3399	cv Bobwhite – healthy, at anthesis		Palea and Lemma	normalised – NO, subtracted NO	5126
LIB3400	cv Bobwhite – healthy, at anthesis		Glumes	normalised – NO, subtracted NO	4997
LIB4146	cv Bobwhite – <i>Fusarium</i> <i>graminearum</i> (16A)	spray inoculated pooled day 1, 2, 3, 4		normalised – NO, subtracted YES, with mock (water)	5432
LIB4145	cv Piko (type 2 R) – <i>Fusarium</i> <i>graminearum</i> (16A)	spray inoculated		subtracted YES, with mock (water) inoculated at the same growth stage	4814
LIB4312	cv Piko (type 2 R) – <i>Fusarium</i> <i>graminearum</i>	pooled day 1, 2, 3, 4		subtracted YES, with mock (water) inoculated at the same growth stage	4744
LIB4147	cv Bobwhite – <i>Fusarium</i> <i>graminearum</i> (16A)	spray inoculated pooled day 1, 2, 3, 4		normalised – NO, subtracted YES, with cv Piko (type 2 -R) inoculated with <i>Fusarium</i> at the same growth stage	3748

LIB5013	cv Sumai 3 (highly R) – <i>Fusarium graminearum</i> (16A)	day 1	whole heads	normalised – NO, mock subtracted – NO day 1	2653
LIB5015	cv Sumai 3 (highly R) – <i>Fusarium graminearum</i> (16A)	day 2	whole heads	YES	2294
LIB5016	cv Sumai 3 (highly R) – <i>Fusarium graminearum</i> (16A)	day 3 – failed			235
LIB5017	cv Sumai 3 (highly R) – <i>Fusarium graminearum</i> (16A)	day 4	whole heads		2097
LIB5069	cv Sumai 3 (highly R) – <i>Fusarium graminearum</i> (16A)	pooled days 1, 2, 3 and 4 (whole heads	no	1096
LIB5070	cv Sumai 3 (highly R) – <i>Fusarium graminearum</i> (16A)	pooled days 1, 2, 3 and 4	glumes, lemma, palea)	no	1001
LIB5096	cv Gottingen-2 (moderately R) – <i>Fusarium graminearum</i> (16A)	Day 1	spray inoculated – whole heads	selected for full length sequences normalised – YES, subtracted with water mock – YES	2930
LIB5097	cv Gottingen-2 (moderately R) – <i>Fusarium graminearum</i> (16A)	day 2	spray inoculated – whole heads	selected for full length sequences normalised – YES, subtracted with water mock – YES	2976
LIB5098	cv Gottingen-2 (moderately R) – <i>Fusarium graminearum</i> (16A)	day 3	spray inoculated – whole heads	selected for full length sequences normalised – YES, subtracted with water mock – YES	2774
LIB5099	cv Gottingen-2 (moderately R) – <i>Fusarium graminearum</i> (16A)	day 4		selected for full length sequences normalised – YES, subtracted with water mock – YES	2781
