Table S4. Proteins differentially expressed in wheat in response to *Septoria tritici*

		Ratio infected/control					
		Sevin			Stakado		
Accession	Protein	3 dai	7 dai	11dai	3 dai	7 dai	11dai
Primary metabolic process							
TC371037	Enoyl-ACP reductase precursor					0.68	
TC379727	Fructose-bisphosphate aldolase					0.7	
TC412122	Glyceraldehyde-3-phosphate dehydrogenase A				0.57		
TC442232	Vacuolar H+-pyrophosphatase						0.67
CA617715	H(+)-transporting ATP synthase			1.5			
CV772230	Aspartate aminotransferase	1.51					
TC371952	Fructose-bisphosphate aldolase	0.7					
TC400250	Orthophosphate dikinase precursor	1.62					
TC424680	Succinyl-CoA ligase subunit alpha-2		1.56				
BE213642	Llight-harvesting chlorophyll a/b bind protein					0.66	
CA616742	Chloroplast pigment-binding protein CP24					0.6	
CA617100	Photosystem I reaction center subunit IV					0.44	
CA654848	Plastocyanin				0.7		
CK212284	Chloroplast chlorophyll a-b binding protein				0.53		
CK213988	Type III chlorophyll a/b-binding protein					0.67	
CK216586	Oxygen-evolving complex					0.7	
CV777028	Ribulose bisphosphate carboxylase large chain				0.41		
TC370314	Cytochrome b6-f complex iron-sulfur subunit					0.7	
TC379054	Chloroplast oxygen-evolving enhancer protein 1					0.55	
TC392459	Ribulose bisphosphate carboxylase small chain					0.67	
TC415751	Chlorophyll a/b-binding protein WCAB					0.7	
TC442786	Ribulose bisphosphate carboxylase small chain					0.7	0.48
TC432780	Chlorophyll a/b-binding protein CP29 precursor	0.7				0.62	
BE418417	Photosystem I reaction center subunit VI	0.55					
TC379050	Ribulose bisphosphate carboxylase small chain	0.57					
TC394991	Chlorophyll a-b binding protein		0.7				
TC445151	Ribulose bisphosphate carboxylase large chain	0.67	0.7	0.66			
Secondary and macromolecule metabolic process							
BG275008	Histone H2A.6				0.55		
CK160145	Acyl carrier protein 1					0.7	
CD865903	Xylanase inhibitor precursor	1.75	1.73		1.61	2.03	
CA486222	Cinnamyl alcohol dehydrogenase			2.27			
CA690555	Histone H2B.3	1.57					
TC393439	Beta-glucosidase precursor			0.62			
Translation							
CJ932623	Chloroplast 50S ribosomal protein L31				7.43	0.64	51.19
TC374082	60S ribosomal protein L1				1.67		
TC369235	Chloroplast 30S ribosomal protein S3			0.62			
TC374724	50S ribosomal protein L12-1	0.7					
TC378147	Elongation factor Tu			0.69			
TC444138	Chloroplast 30S ribosomal protein S4		0.7				
Proteolysis							
TC403883	Cell division protease ftsH					0.7	
CA665316	Latex-abundant protein			0.7			
TC393527	Zinc dependent protease			3.43			
Protein folding							
BQ904143	Thylakoid lumenal 20 kDa protein				1.5		1.87
TC377400	Heat shock protein					0.69	
TC382873	Chloroplast heat shock protein 70				0.67		
TC387198	Putative chaperonin 21						1.5
TC397344	Endoplasmin homolog precursor						1.62
TC402551	Chaperonin 21				26.02		
TC398641	Heat shock protein 80			1.54		1.5	
TC372032	Heat shock protein 70			1.84			
TC384247	Endoplasmin homolog precursor			1.55			
Response to stress							

TC368669	Beta-1,3-glucanase					1.5	1.5
CA609262	Peroxidase precursor						1.61
TC372232	Peroxidase precursor						1.69
BE418361	Cold-responsive LEA/RAB-related COR protein					0.65	
CA622365	Cold acclimation protein WCOR615					0.68	
CA601190	Pore-forming toxin-like protein Hfr-2						0.64
TC371340	Pore-forming toxin-like protein Hfr-2				1.59		
TC416447	Lipoxygenase						0.68
TC417881	Carbonic anhydrase				1.56		
CV760145	Glucan endo-1,3-beta-D-glucanase	1.53		2.49			
TC407335	Glucan endo-1,3-beta-D-glucanase			1.7			
TC387062	Chitinase			1.78			
CV768616	Pathogenesis-related protein 1			2.34			
CA624157	Disease resistance response protein		1.87				
CA682817	Catalase			1.5			
TC381980	Catalase isozyme 2		1.58	1.58			
TC372152	Cationic peroxidase SPC4 precursor			1.82			
TC376136	Peroxidase 3		1.5				
TC397003	Peroxiredoxin-2E-2	1.68					
TC405025	L-ascorbate peroxidase chloroplast precursor			0.67			
CK162321	Lipoxygenase			0.67			
CK206567	Light-induced protein 1-like			0.58			
CK215604	Salt stress root protein RS1			0.7			
TC371259	Mitochondrial lipoamide dehydrogenase		1.5				
TC375080	Cold-responsive LEA/RAB-related COR protein			0.7			
TC401882	Plastid-lipid-associated protein			1.77			
Biological regulation							
BE426325	Chloroplast RNA-binding protein				1.66		
TC437198	HEXBP DNA binding protein					1.5	
CA639866	BTF3b-like transcription factor			1.58			
CK204674	GDP-dissociation inhibitor		1.57				
AL821986	ARF-like small GTPase-like protein			1.5			
Transport							
CA625882	Amino acid selective channel protein					2.01	2.45
CA639565	Cytochrome c oxidase subunit Vb					0.7	
BE591717	2-oxoglutarate/malate translocator		1.52				
Unknown							
TC395661	Putative uncharacterized protein					3.38	1.71
TC408598	Putative uncharacterized protein				1.5		
BE426561	Putative uncharacterized protein			6.1			
CA596451	Putative uncharacterized protein	0.53					
TC378834	Chromosome chr18 scaffold_61		1.59				

The present ratios were calculated by TMT-127/TMT-126 for 3 dai, TMT-129/TMT-128 for 7 dai, TMT-131/TMT-130 for 11 dai from at least two biological replications. Proteins with ratio above 1.5 are up-regulated and ratio below 0.7 are down-regulated. Proteins marked in red were identified in both wheat cultivars Sevin and Stakado. Accession numbers are from TaGI wheat gene index Release 12.0.