Development of ISSR-derived SCAR Marker and SYBR Green I Real-time PCR Method for Detection of Teliospores of *Tilletia laevis* Kühn

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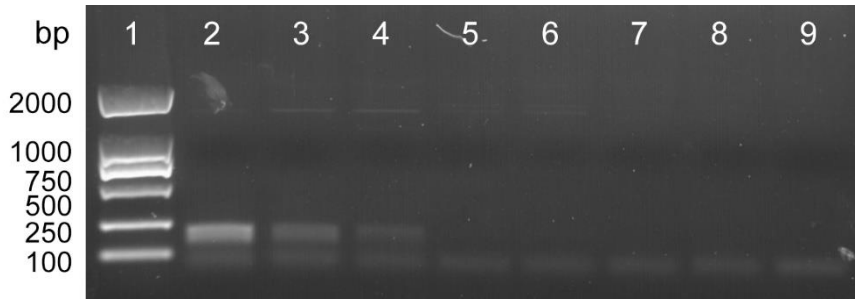

Figure S1. Sensitivity of the SC286-1/SC286-2 primers with different amounts of DNA templates. Lane 1: DL2000 DNA ladder, lane 2: 4 ng/μl, lane 3: 2 ng/μl, lane 4: 1 ng/μl, lane 5: 0.4 ng/μl, lane 6: 0.04 ng/μl, lane 7: 4 pg/μl, lane 8: 0.4 pg/μl, lane 9: ddH_2O

Table S1. Contrast of sensitivity and specificity between Real Time PCR and SCAR PCR

Fungi (Isolates Number)	DNA amounts (per μl)	SCAR PCR	Real Time PCR
Tilletia laevis (5)	0.4 ng	Yes	Yes
	10 fg	No	Yes
Tilletia controversa (5)	1 ng	No	-
Tilletia tritici (4)	1 ng	No	-
Puccinia striiformis f. sp. *tritici* (3)	1 ng	No	-
Puccinia triticina (3)	1 ng	No	-
Blumeria graminis (5)	1 ng	No	-
Fusarium graminearum (5)	1 ng	No	-
Ustilago maydis (5)	1 ng	No	-
Ustilago horde (5)	1 ng	No	-
Ustilago nuda (5)	1 ng	No	-

Note: “Yes” means can be detected, “No” means can not be detected, “-” means not available.