

Table 1A Suppl. Gene-specific primer sequences of the target genes, the amplicon length [bp], and the melting temperature (T<sub>m</sub>) [°C] used in semi-quantitative expression studies.

Gene	Accession No.	Forward primer sequence	Reverse primer sequence	Length	T <sub>m</sub>
<i>SD-RLKs</i>					
<i>At1g11330</i>	NC_003070.9	GTACCAGTAGCTCCAAATGC	GCTTACTTCTTGGACAAGCC	342	55
<i>At1g61430</i>	NC_003070.9	ACACAAGTCCATTCATCTTAACAC AGG	CGGTACGCCTCACACAACCAC	312	59
<i>At1g61610</i>	NC_003070.9	TCGAGCCCGAGTCAAACAACACG	AGCCGAATTCCACGGTCCGC	308	62
<i>LRR-RLKs</i>					
<i>At1g51850</i>	NC_003070.9	TGAATTGGGGAACTAGACTGA	AAATCCACGTTACATATGGCG	685	53
<i>At2g19190</i>	NC_003071.7	TATCTTGAGCTGGGAAGAGAGG	AGTCGAATAGTACTCGGGGTCA	253	57
<i>At5g45840</i>	NC_003076.8	ATGCCTGCGCCTGATACGCC	GCAACCGCAATCTCAACGCCAC	488	58
<i>18S</i>	-	CGGCTACCACATCCAAGGAA	GCTGGAATTACCGCGGCT	200	57

Table 1B Suppl. The promoter analysis and regulatory elements of selected *SD-RLKs* and *LRR-RLKs*. The key represents the *cis*-elements found in the *SD-RLK* promoters, and sequence information which includes selected oligonucleotides and primers.

<i>SD-RLKs</i> <i>cis</i> -element or sequence information	identification	<i>LRR-RLKs</i> <i>cis</i> -element or sequence information	identification
ARR1AT	RED	ABRE	GREY
ATHB-5	PINK	ARF	BLACK
ATHB-9	AQUA	ASF1	PURPLE
ASF1	PURPLE	ATHB-5	PINK
DPBF	GREY	ERF1	KAKI
GBF5	BLUE	GBF5	DARK BLUE
GT1	BLUE	GCC	RED
MYB4	YELLOW	GT1	LIGHT BLUE
AtMYC2	RED	MYB1/2/4	YELLOW
RAV1	Maroon	RAV1	MAROON
WBOX	GREEN	WBOX	GREEN











