

Assessment of the Real-Time PCR Method Claiming to be Specific for Detection and Quantification of the First Commercialised Genome-Edited Plant

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Online Resource 2. Alignment of SU Rapeseed method with *R. raphanistrum*

Pairwise alignment between SU rapeseed forward and reverse primers versus *Raphanus raphanistrum* Genbank record AJ344991.1

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>AJ344991.1 Raphanus raphanistrum partial als gene for putative acetolactate synthase, specimen voucher 161825R2  
product length = 334
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```
Forward primer      1      TCCTCGACGAGCTAACCG 18  
Template            1154     .....G.... 1171  
  
Reverse primer      1      GCTTTGTAGAACCGATCTTCCA 22  
Template            1487     ..... 1466
```

Pairwise alignment between the 334 nt-long amplicon (Sbjct) generated with SU forward and reverse primers on *Raphanus raphanistrum* (Genbank record AJ344991.1 from 1436 to 1459) to SU method's probe (Query)

Sequence ID: Query_33611Length: 334

Range 1: 283 to 306

Alignment

Score	Expect	Identities	Gaps	Strand
48.1 bits (24)	2e-11	24/24 (100%)	0/24 (0%)	Plus/Plus
Query	1	ACAACCAGCATCTTGGGATGGTCA 24		
Sbjct	283	ACAACCAGCATCTTGGGATGGTCA 306		