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Cellular and Molecular Life Sciences

Electronic supplementary material

Supplementary Table

Table 1. Primer Sequences.

	Name*	Sequence**
	Primers used in disruption of *RTA2* gene	
1	RTA2up FWD	ccgctcgagCCACCACTGAAACAGATTGG
2	RTA2up RV	ctgacggatccgagtcCAACACTCGTCCTAAGAACC
3	RTA2down FWD	gactcggatccgtcagGCTGGTATTGCTGCTCAAG
4	RTA2down RV	ggaattccatatgCTTCAGCCAATTCTGCCAC
	Primers used for monitoring the *RTA2* disruption	
5	RTA2 chk FWD	TAGCTACCGCTACTGATAGTC
6	RTA2 chk RV	GATGACCTCTTACCGATTTGAC
7	URA3 chk RV	CATGAGTTTCTGCTCTCTCAC
8	RTA2up chk FWD	CCCAAAAATGAGACCGAAGG
9	RTA2up chk RV	CTGCCATGATGAATGCAGG
10	RTA2down chk FWD	TTTTCATCACTGCCGACG
11	RTA2down chk RV	CGATGACTTTTGGTACGCAC
12	RP10 chk FWD	CTCAAAACGTAATCGTCGGAAG
	Primers used for amplifying *RTA2* ORF	
13	RTA2 FWD	gcgggatccTCCCACCCTTCAACTATGAG
14	RTA2 RV	tgcactgcagCGATGACTTTTGGTACGCAC
	Primers used for amplifying hybridization probe of *RTA2* gene	
	RTA2up FWD	GCTGTGCTATGTTAAGCTAGG
	RTA2up RV	AGCTAACACTTTTTCTGCCG
	Primers used in quantitative RT-PCR	
	18S	F: GTGCCAGCAGCCGCGGTA
		R: TGGACCGGCCAGCCAAGC
	RTA2	F: CGGTAAGAGGTCATCGTCATAC
		R: TCAGCCAATTCTGCCACTC

* FWD, forward; RV, reverse; chk, check.
** restriction sites are in lower case.