

Suppl. Fig. 1 Amino acid changes in *rdxA* gene of Mtz^R isolates

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RdxA_26695	MKFLDQEKRR	QLLNER--HS	CKMFD ^S HYEF	SST-ELEEIA	EIARLSPSSY	N---	TQPWHF	VMVTDK-DLK
42_R	MKFLDQEKRR	QLLNER--HS	CKMFD ^S HYEF	SST-ELEEIA	EIARLSPSSY	N---	TQPWHF	VMVTNK-DLK
127_R	MKFLDQEKRR	QLLNER--HS	CKMFD ^S HYEF	SST-ELEEIA	EIARLSPSSY	N---	TQPWHF	VMVTNK-DLK
260B_R	MKFLDQEKRR	QLLNER--HS	CKMFD ^S HYEF	SST-ELEEIA	EIARLSPSSY	N---	TQPWHF	VMVTNK-DLK
48_R	MKFLDHEKRR	QLLNER--HS	CKMFD ^S HYEF	SST-ELEEIA	EIARLLPSSY	N---	TQPWHF	VMVTNK-DLK
103_R	MKFLDHEKRR	QLLNER--HS	CKMFD ^S HYEF	SST-ELEEIA	EIARLSPSSY	N---	TQPWHF	VMVTNK-DLK
250_R	MKFLDQEKRR	QLLNER--HS	CKMFD ^S HYEF	SST-ELEEIA	EIARLSPSSY	N---	TQPWHF	VMVTNK-DLK
104_R	MKFLDHEKRR	QLLNER--HS	CKMFD ^S HYEF	SST-ELEEIA	EIARLSPSSY	N---	TQPWHF	VMVTNK-DLK
261_R	MKFLDQEKRR	QLLNER--HS	CKMFD ^S HYEF	SST-ELEEIA	EIARLLPSSY	N---	TQPWHF	VMVTNK-DLK
97_R	MKFLDHEKRR	QLLNEH--HS	CKMFD ^S RYEF	SST-ELEEIA	EIARLSPSSY	N---	TQPWHF	VMVTNK-DLK
245_R	MKFLDHEKRR	QLLNEH--HS	CKMFD ^S HYEF	SST-ELEEIA	EIARLSPSSY	N---	TQPWHF	VMVTNK-DLK
130_R	MKFLDHEKRR	QLLNER--HS	CKMFD ^S HYEF	SST-ELEEIA	EIARLSPSSY	N---	TQPWHF	VMVTNK-DLK
265_R	MKFLDHEKRR	QLLNER--HS	CKMFD ^S HYEF	SST-ELEEIA	EIARLSPSSY	N---	TQPWHF	VMVTNK-DLK
110_R	MKFLDHEKRR	QLLNER--HS	CKMFD ^S HYEF	SSE-ELEEIA	EIARLSPSSY	N---	TQPWHF	VMVTNK-DLK
114_R	MKFLD ^H -KRR	QLLNER--HS	CKMFD ^S HYEF	SSE-ELEEIA	EIARLSPSSY	N---	TQPWHF	VMVTNK-DLK
122_R	MKFLDHEKRR	QLLNER--HS	CKMFD ^S HYEF	SSE-ELEEIA	EIARLSPSSY	N---	TQPWHF	VMVTNK-DLK
71_R	MKFLDHEKRR	QLLNEH--HS	CKMFD ^S HYEF	SSA-ELEEIA	EIARLSPSSY	N---	TQPWHF	VMVTNK-DLK
100_R	MKFLDHEKRR	QLLNER--HS	CKMFD ^S HYEF	SST-ELEEIA	EIARLSPSSY	N---	TQPWHF	VMVTNK-DLK
93_R	MKFLDQEKRR	QLLNER--HS	CKMFD ^S HYEF	SSE-ELEEIA	EIARLSPSSY	N---	TQPWHF	VMVTNK-DLK
83_R	MKFLDHEKRR	QLLNER--HS	CKMFD ^S HYEF	SSE-ELEEIA	EIARLSPSSY	N---	TQPWHF	VMVTNK-DLK
205_R	MKFLDHEKRR	QLLNER--HS	CKMFD ^S HYEF	SSE-ELEEIA	EIARLSPSSY	N---	TQPWHF	VMVTNK-DLK
264_R	MKFLDQEKRR	QLLNER--HS	CKMFD ^S HYEF	SST-ELEEIA	EIARLSPSSY	N---	TQPWHF	VMVTNK-DLK
231_R	MKFLDHEKRR	QLLNER--HS	CKMFD ^S HYEF	SGA-ELEEIA	EIARLSPSSY	N---	TQPWHF	VMVTNK-DLK
117_R	MKFLDREKRR	QLLNER--H-	-----HYEF	SSE-ELEEIA	EIARLSPSSY	N---	TQPWHF	VMVTNK-DLK
115_R	MKFLDHEKRR	QLLNER--HS	CKMFD ^S HYEF	SSE-ELEEIA	EIARLSPSSY	N---	TQPWHF	VMVTNK-DLK
99_R	MKFLDHEKRR	QLLNER--HS	CKMFD ^S HYEF	SSE-ELEEIA	EIARLSPSSY	N---	TQPWHF	VMVTNK-DLK
270_R	MKFLDHEKRR	QLLNEH--HS	CKMFD ^S HYEF	SSE-ELEEIA	EIARLSPSSY	N---	TQPWHF	VMVTNK-DLK
263_R	MKFLDHEKRR	QLLNEH--HS	CKMFD ^S RYEF	SST-ELEEIA	EIARLSPSSY	N---	TQPWHF	VMVTNK-DLK
239_R	MKFLDHEKRR	QLLNER--HS	CKMFD ^S HYEF	SST-ELEEIA	EIARLSPSSY	N---	TQPWHF	VMVTNK-DLK
123_R	MKFLDHEIKK	TITERA--PF	LQDVQ ^P -LVF	HRIRRRNRQ	TIAKL-----	---	LQHPAM	AFCDGY-GFK
121_R	MEYFWITKKE	DNYTSAILAR	CLT-----AI	MSS-L--VK	NKKSLSKSPGY	---	ROALTTPNH-	GILWLPIRIK
244_R	MKFLDHEKRR	QLLNER--HS	CKMFD ^S HYEF	SST-ELEEIA	EIARLSPSSY	N---	TQPWHF	VMVTNK---K
269_R	MKFLDHEKRR	QLLNER--HS	CKMFD ^S HYEF	SSE-ELEEIA	EIARLSPSSY	N---	TQPWHF	VMVTNK-DLK
249_R	MKFLD ^H KKRR	QLLNER--HS	CKMFD ^S HYEF	SST-ELEEIA	EIARLSPSSY	N---	TQPWHF	VMVTNLIRIK

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RdxA_26695	KQIAAHSYFN	EEMIKSA-SA	LMVVC ^S SLRPS	ELLPHGHYMQ	NLYPESYKVR	VIP ^S FAQMLG	VRFNHS ^M QRL
42_R	KQIAAHSYFN	EEMIKSA-SA	LMVVC ^S SLKPS	ELLPHSHYMQ	NLYPESYKVR	VIP ^S FAQMLG	VRFNHS ^M QKL
127_R	KQIAAHSYFN	EEMIKSA-SA	LMVVC ^S SLKPS	ELLPHSHYMQ	NLYPESYKVR	VIP ^S FAQMLG	VRFNHS ^M QKL
260B_R	KQIAAHSYFN	EEMIKSA-SA	LMVVC ^S SLKPS	ELLPHSHYMQ	NLYPESYKVR	VIP ^S FAQMLG	VRFNHS ^M QKL
48_R	KQIAAHSYFN	EEMIKSA-SA	LMVVC ^S SLKPS	ELLPHSHYMQ	NLYPESYKVR	VIP ^S FAQMLG	VRFNHS ^M QKL
103_R	KQIAAHSYFN	EEMIKSI-SA	LMVVC ^S SLKPS	ELLPHSHYMQ	NLYPESYKVR	VIP ^S FAQMLG	VRFNHS ^M QKL
250_R	KQIAAHSYFN	EEMIKSA-SA	LMVVC ^S SLKPS	ELLPHSHYMQ	NLYPESYKVR	VIP ^S FAQMLG	VRFNHS ^M QKL
104_R	KQIAAHSYFN	EEMIKSA-SA	LMVVC ^S SLKPS	ELLPHSHYMQ	NLYPESYKVR	VIP ^S FAQMLG	VRFNHS ^M QKL
261_R	KQIAAHSYFN	EEMIKSA-SA	LMVVY ^S SLKPS	ELLPHSHYMQ	NLYPESYKVR	VIP ^S FAQMLG	VRFNHS ^M QKL
97_R	KQIAAHSYFN	EEMIKSA-SA	LMVVC ^S SLKPS	ELLPHSHYMQ	NLYPESYKVR	VIP ^S FAQMLG	VRFNHS ^M QKL
245_R	KQIAAHSYFN	EEMIKSA-SA	LMVVC ^S SLKPS	ELLPHSHYMQ	NLYPESYKVR	VIP ^S F ^T QMLG	VRFNHS ^M QKL
130_R	KQIAAHSYFN	EEMIKSA-SA	LMVVC ^S SLKPS	ELLPT ^S HYMQ	NLYPESYKVR	VIP ^S FAQMLG	VRFNHS ^M QKL
265_R	KQIAAHSYFN	EEMIKSA-SA	LMVVC ^S SLKPS	ELLPHSHYMQ	NLYPESYKVR	VIP ^S FAQMLG	VRFNHS ^M QKL
110_R	KQIAAHSYFN	EEMIKST-SA	LMVVC ^S SLKPS	ELLPHSHYMQ	NLYPESYKVR	VIP ^S F ^T QMLG	VRFNHS ^M QKL
114_R	KQIAAHSYFN	EEMIKSA-SA	LMVVC ^S SLKPS	ELLPHSHYMQ	NLYPESYKVR	VIP ^S FAQMLG	VRFNHS ^M QKL
122_R	KQIAAHSYFN	EEMIKSA-SA	LMVVC ^S SLKPS	ELLPHSHYMQ	NLYPESYKVR	VIP ^S F ^T QMLG	VRFNHS ^M QKL
71_R	KQIAAHSYFN	EEMIKSA-SA	LMVVC ^S SLKPS	ELLPHSHYMQ	NLYPESYKVR	VIP ^S FAQMLG	VRFNHS ^M QKL
100_R	KQIAAHSYFN	EEMIKSA-SA	LMVVC ^S SLKPS	ELLPT ^G H ^Y MQ	NLYPESYKVR	VIP ^S F ^T QMLG	VRFNHS ^M QKL
93_R	KQIAAHSYFN	EEMIKSA-SA	LMVVC ^S SLKPS	ELLPHSHYMQ	NLYPESYKVR	VIP ^S FAQMLG	VRFN ^H G ^M QKL
83_R	KQIAAHSYFN	EEMIKSA-SA	LMVVC ^S SLKPS	ELLPHSHYMQ	NLYPESYKVR	VIP ^S FAQMLG	VRFNHS ^M QKL
205_R	KQIAAHSYFN	EEMIKSA-SA	LMVVC ^S SLKPS	ELLPHSHYMQ	NLYPESYKVR	VIP ^S FAQMLG	VRFNHS ^M QKL
264_R	KQIAAHSYFN	EEMIKSA-SA	LIV ^V C ^S SLKPS	ELLPHSHYMQ	NLYPESYKVR	VIP ^S FAQMLG	VRFNHS ^M QKL
231_R	KQIAAHSYFN	EEMIKSA-SA	LMVVC ^S SLKPS	ELLPHSHYMQ	NLYPESYKVR	VIP ^S FAQMLG	VRFNHS ^M QKL
117_R	KQIAAHSYFN	EEMIKSA-SA	LMVVC ^S SLKPS	ELLPHSHYMQ	NLYPESYKVR	VIP ^S F ^T QMLG	VRFNHS ^M QKL
115_R	KQIAAHSYFN	EEMIKSA-SA	LMVVC ^S SLKPS	ELLPHSHYMQ	NLYPESYKVR	VIP ^S F ^T QMLG	VRENHS ^M QKL
99_R	KTNC ^S AQLFQ	RDDKRF ^S VNG	GML----FKT	-RVVTA ^P LHA	KPLSGVLSQ-	SDPVFR ^S NAW	R----EIQ ^P Q
270_R	KTNC ^S TQLFQ	RDDKRF ^S VNG	GML----FKT	RVVTA ^P LHA	KSLSGVLSQ-	SDPLFR ^S NAW	R----EIQ ^P Q
263_R	KTNC ^S TQLF-	RDDKRF ^G VNG	GML----FKT	QRV ^V TA ^P LHA	KSLSGVLSQ-	GDPV ^F H ^S NAW	R----EIQ ^P Q
239_R	KQIAV ^H SYFN	EEMIKSA-SA	LMVVC ^S SLKPS	ELLPHSHYMQ	NLISGVLSQ-	SDPLFR ^S NAW	R----EIQ ^P Q
123_R	KTNC ^S AQLFQ	RDDKCF ^S VNG	GMLF----KI	-RVATA ^P LHA	KPLSGVLSQ-	SDPV ^F C ^S NAW	R----EIQ ^P Q
121_R	NK ^L QRTAILM	KRLKALR---	-RWWYI----	-LNPAS ^C YRT	A-----	---ITCK ^T TSI	R----SLIK ^S
244_R	NK ^L QCTAILM	KRLKALQ---	-RWWYA----	-LNLAS ^C YRI	A-----	---ITCK ^T TFI	R----SLIK ^S
269_R	NK ^L QRTAILM	KRLKALQ---	-RWWYA----	-LNPAS ^C YRI	A-----	---ITCK ^T TSI	R----SLIK ^L
249_R	NK ^L QRTAISM	KRLKALR---	-RWWYA----	-LNLAS ^C YRI	A-----	---ITCK ^T TSI	R----SLIK ^L

