

FAX COVER SHEET

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TO: *MMRRC-ICC*

FAX # (*207*) *288-6687*

DATE: *6/3/03*

NO. PAGES (Including Cover Sheet): *2*

To whom it may concern :

I am submitting our genotyping protocol for our
accepted strain # 135 (Kil 3A floxed)

Thank you !

Stephanie Mount

MMRRC ID # 135

PCR rxn	20 ul rxn	
	DNA	1 ul
		(plus 19 ul rxn buffer)
RXN buffer/sample		
10x buffer	2ul	
dNTP (10mM)	0.4ul	
HOT START Taq (U/ul)	0.2 ul	Primer Sequences (5'----->3'):
P.1 3A wildtype (20uM)	0.2 ul	P.1 TCT GTG AGT TTG TGA CCA GCC
P.2 3A common (20uM)	0.2 ul	P.2 AGG GCA GAC GGA AGG GTG G
P.3 3A deletion (20uM)	0.2 ul	P.3 TGG CAG GTC AAT GGA CGC AG
(to 19ul) H2O	15.8 ul	

PCR CYCLE	Run on AR40 program
95 C	15 mins
35 cycles	
	94 C 45 sec
	60 C 45 sec
	72 C 1 min
72 C	10 mins
4 C	hold

SIZES : 3 bands

Top	II	~490 bp
Middle	WT	~360 bp
Lower	I	~200 bp

GEL

1 1/2 % agarose
 1 kb ladder (run 15 ul)
 5 ul 5x loading buffer/sample
 run 13 ul per well