

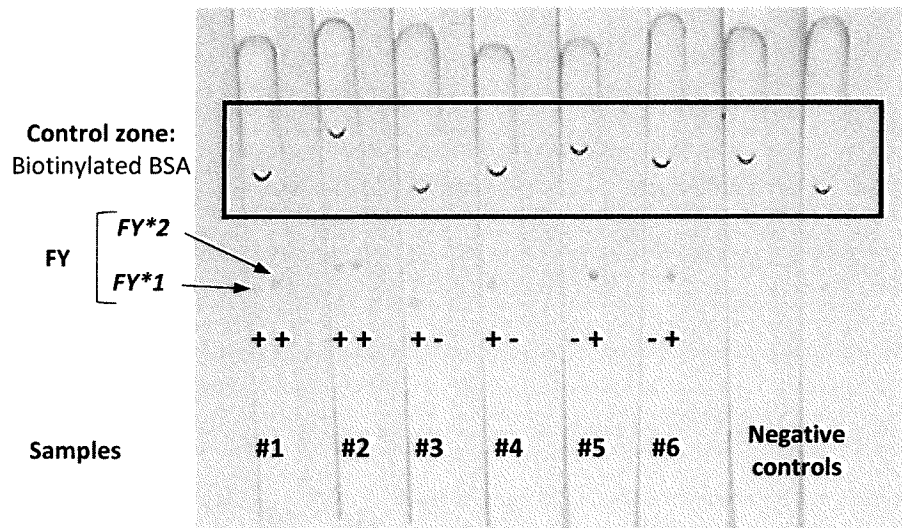


Fig. 1A

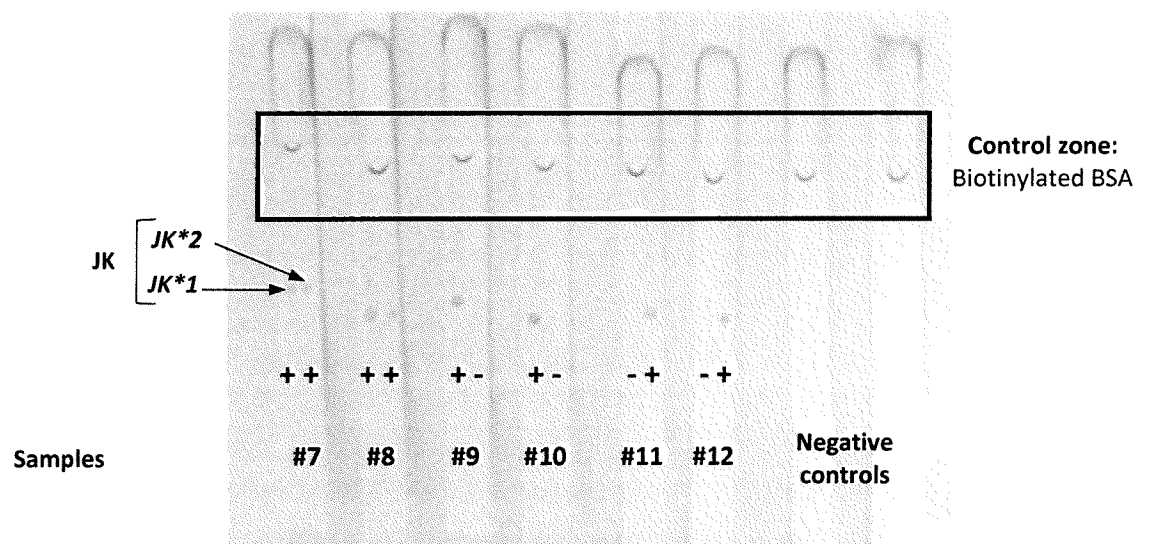


Fig. 1B

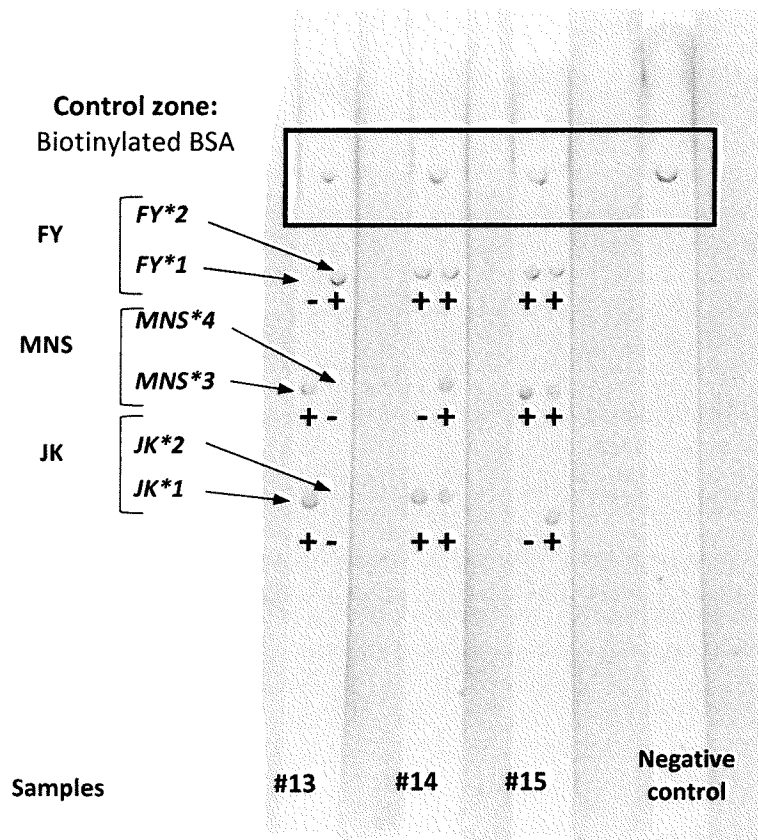


Fig. 1C

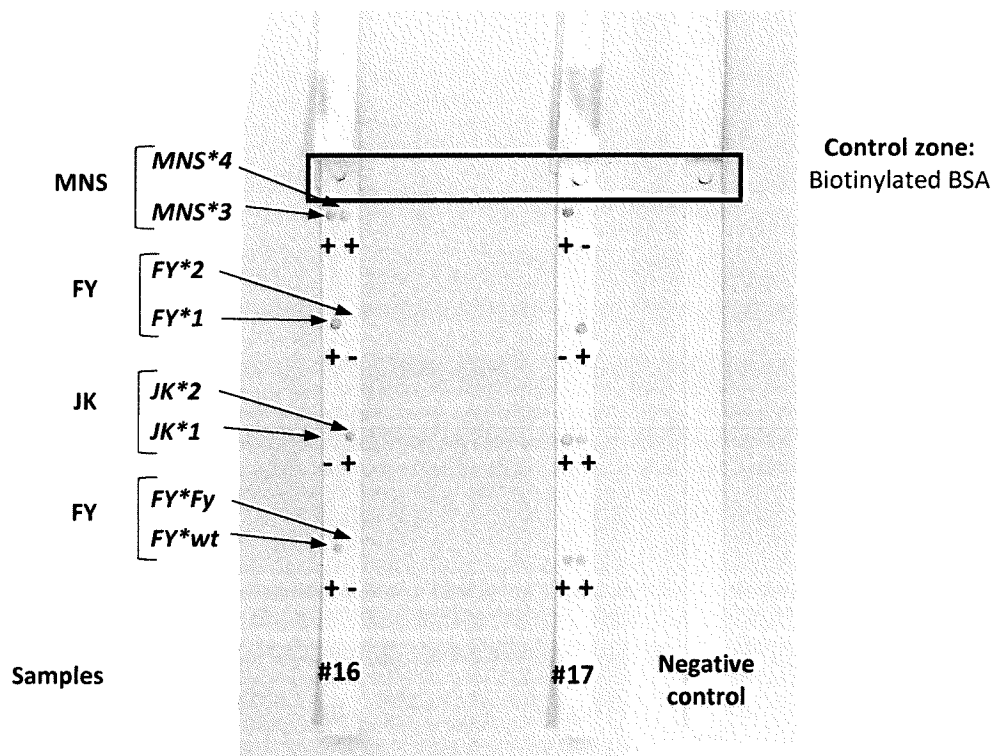


Fig. 1D

		Phenotypes FY system
Sample #1	Serological technique	FY: 1,2
	Reference genotyping technique	FY: 1,2 (FY*1/*2)
	Migration on nitrocellulose membrane technique	FY: 1,2 (FY*1/*2)
Sample #2	Serological technique	FY: 1,2
	Reference genotyping technique	FY: 1,2 (FY*1/*2)
	Migration on nitrocellulose membrane technique	FY: 1,2 (FY*1/*2)
Sample #3	Serological technique	FY: 1,-2
	Reference genotyping technique	FY: 1,-2 (FY*1/*1)
	Migration on nitrocellulose membrane technique	FY: 1,-2 (FY*1/*1)
Sample #4	Serological technique	FY: 1,-2
	Reference genotyping technique	FY: 1,-2 (FY*1/*1)
	Migration on nitrocellulose membrane technique	FY: 1,-2 (FY*1/*1)
Sample #5	Serological technique	FY: -1,2
	Reference genotyping technique	FY: -1,2 (FY*2/*2)
	Migration on nitrocellulose membrane technique	FY: -1,2 (FY*2/*2)
Sample #6	Serological technique	FY: -1,2
	Reference genotyping technique	FY: -1,2 (FY*2/*2)
	Migration on nitrocellulose membrane technique	FY: -1,2 (FY*2/*2)

Figure 2

		Phenotypes JK system
Sample #7	Serological technique	JK: 1, 2
	Reference genotyping technique	JK: 1, 2 (JK*1/*2)
	Migration of amplified targets on nitrocellulose membrane technique	JK: 1, 2 (JK*1/*2)
Sample #8	Serological technique	JK: 1, 2
	Reference genotyping technique	JK: 1, 2 (JK*1/*2)
	Migration of amplified targets on nitrocellulose membrane technique	JK: 1, 2 (JK*1/*2)
Sample #9	Serological technique	JK: 1, -2
	Reference genotyping technique	JK: 1, -2 (JK*1/*1)
	Migration of amplified targets on nitrocellulose membrane technique	JK: 1, -2 (JK*1/*1)
Sample #10	Serological technique	JK: 1, -2
	Reference genotyping technique	JK: 1, -2 (JK*1/*1)
	Migration of amplified targets on nitrocellulose membrane technique	JK: 1, -2 (JK*1/*1)
Sample #11	Serological technique	JK: -1, 2
	Reference genotyping technique	JK: -1, 2 (JK*2/*2)
	Migration of amplified targets on nitrocellulose membrane technique	JK: -1, 2 (JK*2/*2)
Sample #12	Serological technique	JK: -1, 2
	Reference genotyping technique	JK: -1, 2 (JK*2/*2)
	Migration of amplified targets on nitrocellulose membrane technique	JK: -1, 2 (JK*2/*2)

Figure 3

		Phenotypes		
		JK	FY	MNS
Sample #13	Serological technique	JK: 1, -2	FY: -1,2	MNS: 3, -4
	Reference genotyping technique	JK: 1, -2 (JK*1/*1)	FY: -1,2 (FY*2/*2)	MNS: 3, -4 (MNS*3/*3)
	Migration on nitrocellulose membrane technique	JK: 1, -2 (JK*1/*1)	FY: -1,2 (FY*2/*2)	MNS: 3, -4 (MNS*3/*3)
Sample #14	Serological technique	JK: 1, 2	FY: 1,2	MNS: -3, 4
	Reference genotyping technique	JK: 1, 2 (JK*1/*2)	FY: 1,2 (FY*1/*2)	MNS: -3, 4 (MNS*4/*4)
	Migration on nitrocellulose membrane technique	JK: 1, 2 (JK*1/*2)	FY: 1,2 (FY*1/*2)	MNS: -3, 4 (MNS*4/*4)
Sample #15	Serological technique	JK: -1, 2	FY: 1,2	MNS: 3, 4
	Reference genotyping technique	JK: -1, 2 (JK*2/*2)	FY: 1,2 (FY*1/*2)	MNS: 3, 4 (MNS*3/*4)
	Migration on nitrocellulose membrane technique	JK: -1, 2 (JK*2/*2)	FY: 1,2 (FY*1/*2)	MNS: 3, 4 (MNS*3/*4)
Sample #16	Serological technique	JK: -1, 2	FY: 1,-2	MNS: 3, 4
	Reference genotyping technique	JK: -1, 2 (JK*2/*2)	FY: 1,-2 (FY*1/*1)	MNS: 3, 4 (MNS*3/*4)
	Migration of amplified targets on nitrocellulose membrane technique	JK: -1, 2 (JK*2/*2)	FY: 1,-2 (FY*1/*1)	MNS: 3, 4 (MNS*3/*4)
Sample #17	Serological technique	JK: 1, 2	FY: -1,2	MNS: 3, -4
	Reference genotyping technique	JK: 1, 2 (JK*1/*2)	FY: -1,2 (FY*2/*Fy)	MNS: 3, -4 (MNS*3/*3)
	Migration of amplified targets on nitrocellulose membrane technique	JK: 1, 2 (JK*1/*2)	FY: -1,2 (FY*2/*Fy)	MNS: 3, -4 (MNS*3/*3)

Figure 4

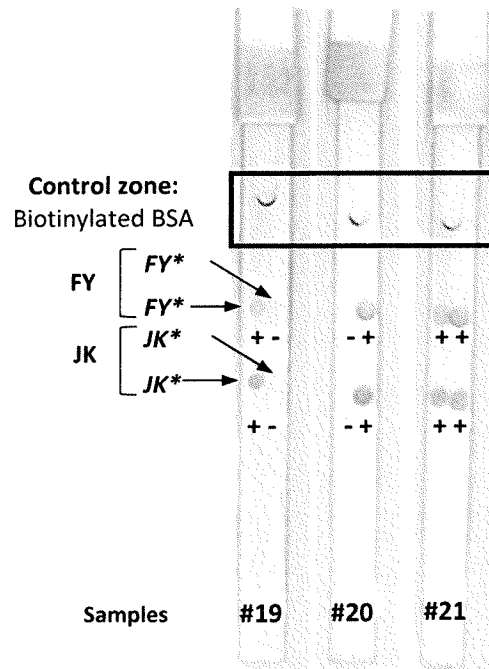


Figure 5

		Phenotypes	
		JK	FY
Sample #19	Serological technique	JK: 1, -2	FY: 1,-2
	Reference genotyping technique	JK: 1, -2 (<i>JK*1/*1</i>)	FY: 1,-2 (<i>FY*1/*1</i>)
	Migration on nitrocellulose membrane technique	JK: 1, -2 (<i>JK*1/*1</i>)	FY: 1,-2 (<i>FY*1/*1</i>)
Sample #20	Serological technique	JK: -1, 2	FY: -1,2
	Reference genotyping technique	JK: -1, 2 (<i>JK*2/*2</i>)	FY: -1,2 (<i>FY*2/*2</i>)
	Migration on nitrocellulose membrane technique	JK: -1, 2 (<i>JK*2/*2</i>)	FY: -1,2 (<i>FY*2/*2</i>)
Sample #21	Serological technique	JK: 1, 2	FY: 1,2
	Reference genotyping technique	JK: 1, 2 (<i>JK*1/*2</i>)	FY: 1,2 (<i>FY*1/*2</i>)
	Migration on nitrocellulose membrane technique	JK: 1, 2 (<i>JK*1/*2</i>)	FY: 1,2 (<i>FY*1/*2</i>)

Figure 6

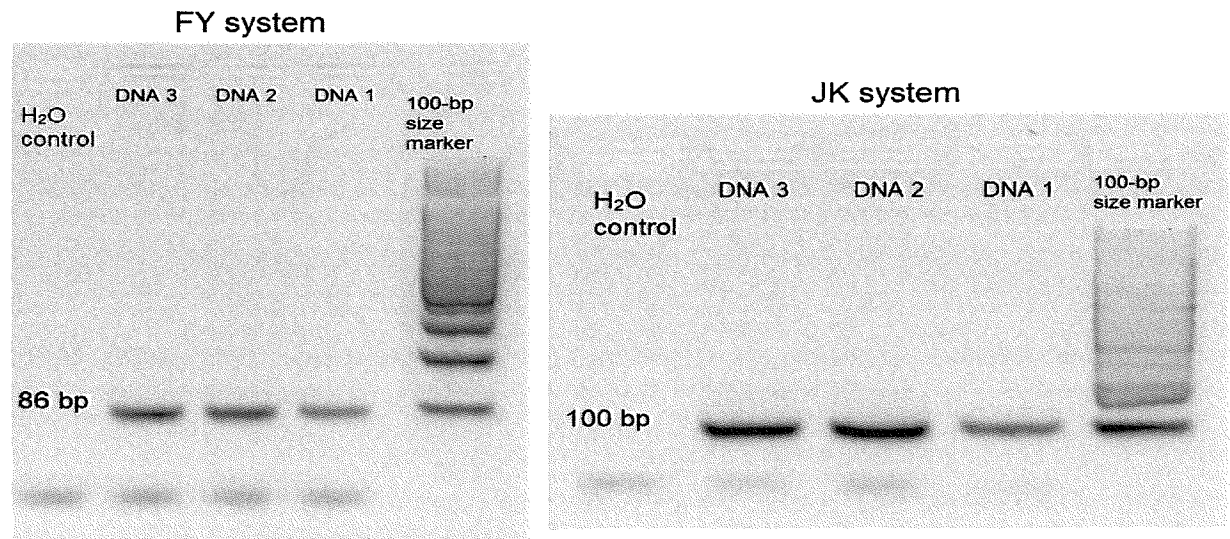


Figure 7

		Phenotypes		
		JK	FY	MNS
Sample #22	Serological technique	JK: 1, 2	FY: -1,2	MNS: 3, -4
	Reference genotyping technique	JK: 1, 2 (JK*1/*2)	FY: -1,2 (FY*2/*Fy)	MNS: 3, -4 (MNS*3/*3)
	Migration on nitrocellulose membrane technique	JK: 1, 2 (JK*1/*2)	FY: -1,2 (FY*2/*Fy)	MNS: 3, -4 (MNS*3/*3)
Sample #23	Serological technique	JK: 1, -2	FY: -1, -2 or FYnull	MNS: -3, 4
	Reference genotyping technique	JK: 1, -2 (JK*1/*1)	FY: -1, -2 (FY*Fy/*Fy)	MNS: -3, 4 (MNS*4/*4)
	Migration on nitrocellulose membrane technique	JK: 1, -2 (JK*1/*1)	FY: -1, -2 (FY*Fy/*Fy)	MNS: -3, 4 (MNS*4/*4)
Sample #24	Serological technique	JK: 1, -2	FY: 1, -2	MNS: -3, 4
	Reference genotyping technique	JK: 1, -2 (JK*1/*1)	FY: 1, -2 (FY*1/*Fy)	MNS: -3, 4 (MNS*4/*4)
	Migration on nitrocellulose membrane technique	JK: 1, -2 (JK*1/*1)	FY: 1, -2 (FY*1/*Fy)	MNS: -3, 4 (MNS*4/*4)
Sample #25	Serological technique	JK: -1, 2	FY: -1,2	MNS: 3, 4
	Reference genotyping technique	JK: -1, 2 (JK*2/*2)	FY: -1,2 (FY*2/*2)	MNS: 3, 4 (MNS*3/*4)
	Migration on nitrocellulose membrane technique	JK: -1, 2 (JK*2/*2)	FY: -1,2 (FY*2/*2)	MNS: 3, 4 (MNS*3/*4)

Figure 8