

Supplementary Table 1: Donor-recipient pairings by blood type. Pairs 1-2 were compatible and pairs 3-10 were incompatible by cross-match. A = Agglutination, scale 0-4+; H = Hemolysin, - or +. The major crossmatch of the donor is the minor cross-match for the recipient.

Horse	A	C	K	P	Q	U	Major Crossmatch	Pre-transfusion antibodies	28d post-transfusion new antibodies
Donor 1	Aa	Ca					A: 0 H: -	None	-
Recipient 1	Aa	Ca					A: 0 H: -	None	A: Un-identified H: None
Donor 2	Aa	Ca			Qabc		A: 0 H: -	None	-
Recipient 2	Aa	Ca			Qabc		A: 0 H: -	None	None
Donor 3	Aa	Ca			Qabc		A: 0 H: -	None	-
Recipient 3	Aa	Ca			Qabc		A: 1+ H: -	A: Un-identified H: None	None
Donor 4	Aa	Ca		Pa	Qabc		A: 0 H: -	None	-
Recipient 4	Aa	Ca	Ka	Pa		Ua	A: 2+ H: -	A: Un-identified H: None	None
Donor 5	Aa	Ca	Ka		Qabc		A: 0 H: -	None	-
Recipient 5	Aa					Ua	A: 4+ H: +	A: Anti-Ca H: Anti-Ca	None
Donor 6	Aa	Ca			Qabc	Ua	A: 0 H: -	A: anti-donkey H: None	-
Recipient 6	Aa				Qabc		A: 4+ H: +	A: Anti-Ca H: Anti-Ca	None

Donor 7	Aa	Ca			Qabc	Ua	A: 0 H: -	None	-
Recipient 7	Aa				Qabc		A: 4+ H: +	A: Anti-Ca H: Anti-Ca	None
Donor 8	Aa	Ca			Qabc	Ua	A: 0 H: -	A: anti-donkey H: None	-
Recipient 8	Aa				Qabc		A: 4+ H: +	A: Anti-Ca H: Anti-Ca	None
Donor 9	Aa	Ca	Ka		Qabc	Ua	A: 0 H: -	None	-
Recipient 9	Aab						A: 4+ H: +	A: Anti-Ca, Anti-donkey H: Anti-Ca	None
Donor 10	Aab	Ca		Pa		Ua	A: 0 H: -	None	-
Recipient 10	Aa				Qabc		A: 4+ H: +	A: Anti-Ca H: Anti-Ca	None