

**UK NEQAS FOR H&I PILOT SCHEME – KIR GENOTYPING**

METHODOLOGY

SSP = PCR-SSP, SSOP = PCR-SSOP, revSSOP= reverse SSOP, LUM = Luminex

SAMPLES 4A1 01 - 05/2016  
DISPATCHED ON 09TH FEBRUARY 2016

Lab No.	Date received	Date tested	Method used	Source of Primers and Probes			Kit manufacturer	Detection method	Comments
				Commercial Kits	Own Design	Other			
9	NT	NT	NT	NT	NT	NT	NT	Unable to make a return for the current cycle	
38	11-Feb	18-Feb	SSO	Yes	NT	NT	One Lambda	Fluorescence	
48	11-Feb	09-Mar	SSP	Yes			Olerup	Gel	
158	12-Feb	23-Feb	SSP	Yes			Invitrogen	Gel	
193	12-Feb	26-Feb	SSP			Yes	Multiplex PCR-SSP, KIR primers designed by Daved Senitzer (Sun et al. Tissue Antigens 2004, 64(4):462-8)	Gel	
201	10-Feb	11-Feb	SSP	Yes			Olerup	Gel	Do not perform KIR haplotyping
220	05-Feb	22-Feb	SSP	Yes			Invitrogen	Gel	
276	10-Feb	11-Feb	SSP	Yes			Olerup	Fluorescence, Capillary Electrophoresis (Fragment Analyzer AATI)	
343	10-Feb	11-Feb	SSP	Yes			Olerup	Gel	We can clearly report A/B haplotype only for sample 4A1 03/2016 which is B and B (B+B). For other samples the haplotype is A or B and B (A/B+B).

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**SAMPLE 4A1 01/2016**  
DISPATCHED ON 09TH FEBRUARY 2016

Lab No.	2DL1	2DL2	2DL3	2DL4	2DL5	3DL1	3DL2	3DL3	3DS1	2DS1	2DS2	2DS3	2DS4	2DS5	2DP1	3DP1	Haplotype A	Haplotype B	Comment
9	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT			
38	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Neg	Pos	Pos	Pos	Pos	A	B	
48	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Neg	Pos	Pos	Pos	Pos	A	B	
158	Pos	Pos	Pos	Pos	Pos A	Pos	Pos	Pos	Pos	Pos	Pos	Neg	Pos DEL	Pos	Pos	Pos			B
193	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Neg	Pos	Pos	NT	NT	A	B	
201	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Neg	Pos	Pos	Pos	Pos			
220	Pos	Pos	Pos	Pos	Pos A	Pos	Pos	Pos	Pos	Pos	Pos	Neg	Pos DEL	Pos	Pos	Pos	A	B	
276	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Neg	Pos	Pos	Pos	Pos	A	B	
343	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Neg	Pos	Pos	Pos	Pos			

**UK NEQAS FOR H&I PILOT SCHEME – KIR GENOTYPING**

**SAMPLE 4A1 02/2016**  
DISPATCHED ON 09TH FEBRUARY 2016

Lab No.	2DL1	2DL2	2DL3	2DL4	2DL5	3DL1	3DL2	3DL3	3DS1	2DS1	2DS2	2DS3	2DS4	2DS5	2DP1	3DP1	Haplotype A	Haplotype B	Comment
9	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT			
38	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Neg	Neg	Pos	Pos	Pos	Neg	Pos	Pos	A	B	
48	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Neg	Neg	Pos	Pos	Pos	Neg	Pos	Pos	A	B	
158	Pos	Pos	Pos	Pos	Pos B	Pos	Pos	Pos	Neg	Neg	Pos	Pos	Pos	Neg	Pos	Pos DEL			B
193	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Neg	Neg	Pos	Pos	Pos	Neg	NT	NT	A	B	
201	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Neg	Neg	Pos	Pos	Pos	Neg	Pos	Pos			
220	Pos	Pos	Pos	Pos	Pos B	Pos	Pos	Pos	Neg	Neg	Pos	Pos	Pos	Neg	Pos	Pos DEL	A	B	
276	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Neg	Neg	Pos	Pos	Pos	Neg	Pos	Pos	A	B	
343	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Neg	Neg	Pos	Pos	Pos	Neg	Pos	Pos			

**UK NEQAS FOR H&I PILOT SCHEME – KIR GENOTYPING**

**SAMPLE 4A1 03/2016**

DISPATCHED ON 09TH FEBRUARY 2016

Lab No.	2DL1	2DL2	2DL3	2DL4	2DL5	3DL1	3DL2	3DL3	3DS1	2DS1	2DS2	2DS3	2DS4	2DS5	2DP1	3DP1	Haplotype A	Haplotype B	Comment
9	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT			
38	Neg	Pos	Neg	Pos	Neg	Pos	Pos	Pos	Neg	Neg	Pos	Neg	Pos	Neg	Neg	Pos	A	B	
48	Neg	Pos	Neg	Pos	Neg	Pos	Pos	Pos	Neg	Neg	Pos	Neg	Pos	Neg	Neg	Pos	A	B	
158	Neg	Pos	Neg	Pos	Neg	Pos	Pos	Pos	Neg	Neg	Pos	Neg	Pos DEL	Neg	Neg	Pos FUL			B
193	Neg	Pos	Neg	Pos	Neg	Pos	Pos	Pos	Neg	Neg	Pos	Neg	Pos	Neg	NT	NT	A	B	
201	Neg	Pos	Neg	Pos	Neg	Pos	Pos	Pos	Neg	Neg	Pos	Neg	Pos	Neg	Neg	Pos			
220	Neg	Pos	Neg	Pos	Neg	Pos	Pos	Pos	Neg	Neg	Pos	Neg	Pos DEL	Neg	Neg	Pos	A	B	
276	Neg	Pos	Neg	Pos	Neg	Pos	Pos	Pos	Neg	Neg	Pos	Neg	Pos	Neg	Neg	Pos			B
343	Neg	Pos	Neg	Pos	Neg	Pos	Pos	Pos	Neg	Neg	Pos	Neg	Pos	Neg	Neg	Pos			

**UK NEQAS FOR H&I PILOT SCHEME – KIR GENOTYPING**

**SAMPLE 4A1 04/2016**  
DISPATCHED ON 09TH FEBRUARY 2016

Lab No.	2DL1	2DL2	2DL3	2DL4	2DL5	3DL1	3DL2	3DL3	3DS1	2DS1	2DS2	2DS3	2DS4	2DS5	2DP1	3DP1	Haplotype A	Haplotype B	Comment
9	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT			
38	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Neg	Neg	Pos	Pos	Pos	Neg	Pos	Pos	A	B	
48	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Neg	Neg	Pos	Pos	Pos	Neg	Pos	Pos	A	B	
158	Pos	Pos	Pos	Pos	Pos B	Pos	Pos	Pos	Neg	Neg	Pos	Pos	Pos	Neg	Pos	Pos DEL			B
193	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Neg	Neg	Pos	Pos	Pos	Neg	NT	NT	A	B	
201	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Neg	Neg	Pos	Pos	Pos	Neg	Pos	Pos			
220	Pos	Pos	Pos	Pos	Pos B	Pos	Pos	Pos	Neg	Neg	Pos	Pos	Pos	Neg	Pos	Pos DEL	A	B	
276	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Neg	Neg	Pos	Pos	Pos	Neg	Pos	Pos	A	B	
343	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Neg	Neg	Pos	Pos	Pos	Neg	Pos	Pos			

**UK NEQAS FOR H&I PILOT SCHEME – KIR GENOTYPING**

**SAMPLE 4A1 05/2016**  
DISPATCHED ON 09TH FEBRUARY 2016

Lab No.	2DL1	2DL2	2DL3	2DL4	2DL5	3DL1	3DL2	3DL3	3DS1	2DS1	2DS2	2DS3	2DS4	2DS5	2DP1	3DP1	Haplotype A	Haplotype B	Comment
9	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT			
38	Pos	Neg	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Neg	Pos	Pos	Neg	Pos	Pos	A	B	
48	Pos	Neg	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Neg	Pos	Pos	Neg	Pos	Pos	A	B	
158	Pos	Neg	Pos	Pos	Pos A	Pos	Pos	Pos	Pos	Pos	Neg	Pos	Pos FUL	Neg	Pos	Pos DEL			B
193	Pos	Neg	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Neg	Pos	Pos	Neg	NT	NT	A	B	
201	Pos	Neg	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Neg	Pos	Pos	Neg	Pos	Pos			
220	Pos	Neg	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Neg	Pos	Pos FUL	Neg	Pos	Pos DEL	A	B	
276	Pos	Neg	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Neg	Pos	Pos	Neg	Pos	Pos	A	B	
343	Pos	Neg	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Neg	Pos	Pos	Neg	Pos	Pos			

**UK NEQAS FOR H&I PILOT SCHEME – KIR GENOTYPING**

SAMPLES 4A1 01 - 05/2016 NOT ASSESSED  
DISPATCHED ON 09TH FEBRUARY 2016

**SAMPLE 4A1 01/2016**

Lab No.	2DL1	2DL2	2DL3	2DL4	2DL5	3DL1	3DL2	3DL3	3DS1	2DS1	2DS2	2DS3	2DS4	2DS5	2DP1	3DP1	Haplotype A	Haplotype B	Comment
9	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT			
38	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Neg	Pos	Pos	Pos	Pos	A	B	
48	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Neg	Pos	Pos	Pos	Pos	A	B	
158	Pos	Pos	Pos	Pos	Pos A	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos DEL	Pos	Pos	Pos		B	
193	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Neg	Pos	Pos	NT	NT	A	B	
201	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Neg	Pos	Pos	Pos	Pos			
220	Pos	Pos	Pos	Pos	Pos A	Pos	Pos	Pos	Pos	Pos	Pos	Neg	Pos DEL	Pos	Pos	Pos	A	B	
276	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Neg	Pos	Pos	Pos	Pos	A	B	
343	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Neg	Pos	Pos	Pos	Pos			

**SAMPLE 4A1 02/2016**

Lab No.	2DL1	2DL2	2DL3	2DL4	2DL5	3DL1	3DL2	3DL3	3DS1	2DS1	2DS2	2DS3	2DS4	2DS5	2DP1	3DP1	Haplotype A	Haplotype B	Comment
9	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT			
38	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Neg	Neg	Pos	Pos	Pos	Neg	Pos	Pos	A	B	
48	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Neg	Neg	Pos	Pos	Pos	Neg	Pos	Pos	A	B	
158	Pos	Pos	Pos	Pos	Pos B	Pos	Pos	Pos	Neg	Neg	Pos	Pos	Pos	Neg	Pos	Pos DEL		B	
193	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Neg	Neg	Pos	Pos	Pos	Neg	NT	NT	A	B	
201	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Neg	Neg	Pos	Pos	Pos	Neg	Pos	Pos			
220	Pos	Pos	Pos	Pos	Pos B	Pos	Pos	Pos	Neg	Neg	Pos	Pos	Pos	Neg	Pos	Pos DEL	A	B	
276	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Neg	Neg	Pos	Pos	Pos	Neg	Pos	Pos	A	B	
343	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Neg	Neg	Pos	Pos	Pos	Neg	Pos	Pos			

**SAMPLE 4A1 03/2016**

Lab No.	2DL1	2DL2	2DL3	2DL4	2DL5	3DL1	3DL2	3DL3	3DS1	2DS1	2DS2	2DS3	2DS4	2DS5	2DP1	3DP1	Haplotype A	Haplotype B	Comment
9	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT			
38	Neg	Pos	Neg	Pos	Neg	Pos	Pos	Pos	Neg	Neg	Pos	Pos	Pos	Neg	Neg	Pos	A	B	
48	Neg	Pos	Neg	Pos	Neg	Pos	Pos	Pos	Neg	Neg	Pos	Neg	Pos	Neg	Neg	Pos	A	B	
158	Neg	Pos	Neg	Pos	Neg	Pos	Pos	Pos	Neg	Neg	Pos	Neg	Pos DEL	Neg	Neg	Pos FUL		B	
193	Neg	Pos	Neg	Pos	Neg	Pos	Pos	Pos	Neg	Neg	Pos	Neg	Pos	Neg	NT	NT	A	B	
201	Neg	Pos	Neg	Pos	Neg	Pos	Pos	Pos	Neg	Neg	Pos	Neg	Pos	Neg	Neg	Pos			
220	Neg	Pos	Neg	Pos	Neg	Pos	Pos	Pos	Neg	Neg	Pos	Neg	Pos DEL	Neg	Neg	Pos	A	B	
276	Neg	Pos	Neg	Pos	Neg	Pos	Pos	Pos	Neg	Neg	Pos	Neg	Pos	Neg	Neg	Pos		B	
343	Neg	Pos	Neg	Pos	Neg	Pos	Pos	Pos	Neg	Neg	Pos	Neg	Pos	Neg	Neg	Pos			

**SAMPLE 4A1 04/2016**

Lab No.	2DL1	2DL2	2DL3	2DL4	2DL5	3DL1	3DL2	3DL3	3DS1	2DS1	2DS2	2DS3	2DS4	2DS5	2DP1	3DP1	Haplotype A	Haplotype B	Comment
9	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT			
38	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Neg	Neg	Pos	Pos	Pos	Neg	Pos	Pos	A	B	
48	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Neg	Neg	Pos	Pos	Pos	Neg	Pos	Pos	A	B	
158	Pos	Pos	Pos	Pos	Pos B	Pos	Pos	Pos	Neg	Neg	Pos	Pos	Pos	Neg	Pos	Pos DEL		B	
193	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Neg	Neg	Pos	Pos	Pos	Neg	NT	NT	A	B	
201	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Neg	Neg	Pos	Pos	Pos	Neg	Pos	Pos			
220	Pos	Pos	Pos	Pos	Pos B	Pos	Pos	Pos	Neg	Neg	Pos	Pos	Pos	Neg	Pos	Pos DEL	A	B	
276	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Neg	Neg	Pos	Pos	Pos	Neg	Pos	Pos	A	B	
343	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Neg	Neg	Pos	Pos	Pos	Neg	Pos	Pos			

**SAMPLE 4A1 05/2016**

Lab No.	2DL1	2DL2	2DL3	2DL4	2DL5	3DL1	3DL2	3DL3	3DS1	2DS1	2DS2	2DS3	2DS4	2DS5	2DP1	3DP1	Haplotype A	Haplotype B	Comment
9	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT			
38	Pos	Neg	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Neg	Pos	Pos	Neg	Pos	Pos	A	B	
48	Pos	Neg	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Neg	Pos	Pos	Neg	Pos	Pos	A	B	
158	Pos	Neg	Pos	Pos	Pos A	Pos	Pos	Pos	Pos	Pos	Neg	Pos	Pos FUL	Neg	Pos	Pos DEL		B	
193	Pos	Neg	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Neg	Pos	Pos	Neg	NT	NT	A	B	
201	Pos	Neg	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Neg	Pos	Pos	Neg	Pos	Pos			
220	Pos	Neg	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Neg	Pos	Pos FUL	Neg	Pos	Pos DEL	A	B	
276	Pos	Neg	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Neg	Pos	Pos	Neg	Pos	Pos	A	B	
343	Pos	Neg	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Neg	Pos	Pos	Neg	Pos	Pos			