

ISBT terminology for common alleles

Antigen	Phenotype	Nucleotide/molecular change	Amino acid	Common allele	Comments
D	D+			<i>RHD*01</i>	
D	D-	<i>ΔRHD</i> <i>RHD*ψ</i>		<i>RHD*01N.01</i> <i>RHD*08N.01</i>	
C	C+	<i>RHCE 307T</i>	RhCE Ser103	<i>RHCE*C</i> <i>RHCE*02</i> <i>RHCE*04</i>	encodes e antigen encodes E antigen
c	c+	<i>RHCE 307C</i>	RhCE Pro103	<i>RHCE*c</i> <i>RHCE*01</i> <i>RHCE*03</i>	encodes e antigen encodes E antigen
E	E+	<i>RHCE 676C</i>	RhCE Pro226	<i>RHCE*E</i> <i>RHCE*03</i> <i>RHCE*04</i>	encodes c antigen encodes E antigen
e	e+	<i>RHCE 676G</i>	RhCE Ala226	<i>RHCE*e</i> <i>RHCE*01</i> <i>RHCE*02</i>	encodes c antigen encodes C antigen
C ^w	C ^w +	<i>RHCE 122G</i>	RhCE Arg41	<i>RHCE*02.08</i>	
M	M+	<i>GYPA 59C, 71G, 72T</i>	GPA Ser20, Gly24	<i>GYPA*M</i> <i>GYPA*01</i>	
N	N+	<i>GYPA 59T, 71A, 72G</i>	GPA Leu20, Glu24	<i>GYPA*N</i> <i>GYPA*02</i>	
S	S+	<i>GYPB 143T</i>	GPB Met48	<i>GYPB*S</i> <i>GYPB*03</i>	
s	s+	<i>GYPB 143C</i>	GPB Thr48	<i>GYPB*s</i> <i>GYPB*04</i>	
U	U-	<i>GYPB 270+5t</i> <i>GYPB 208T, 230T</i>	No protein	<i>GYPB*03N.03</i> <i>GYPN*03N.01</i>	
K	K+	<i>KEL 578T</i>	Met193	<i>KEL*01</i>	

UK NEQAS

Haematology and Transfusion

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k	k+	<i>KEL 578C</i>	Thr193	<i>KEL *02</i>	
Kp ^a	Kp(a+)	<i>KEL 841T</i>	Trp281	<i>KEL *02.03</i>	
Kp ^b	Kp(b+)	<i>KEL 841C</i>	Arg281	<i>KEL *02</i>	
Js ^a	Js(a+)	<i>KEL 1790C</i>	Pro597	<i>KEL *02.06</i>	
Js ^b	Js(b+)	<i>KEL 1790T</i>	Leu597	<i>KEL *02</i>	
Fy ^a	Fy(a+)	<i>FY 125G</i>	Gly42	<i>FY*A</i> <i>FY*01</i>	
Fy ^b	Fy(b+)	<i>FY 125A</i>	Asp42	<i>FY*B</i> <i>FY*02</i>	
	Fy(a-b-)	<i>FY -67C</i>	No protein	<i>FY*02N.01</i> <i>FY*01N.01</i>	rare
Jk ^a	Jk(a+)	<i>JK 838G</i>	Asp280	<i>JK*A</i> <i>JK*01</i>	
Jk ^b	Jk(b+)	<i>JK 838A</i>	Asn280	<i>JK*B</i> <i>JK*02</i>	
Do ^a	Do(a+)	<i>DO 793A</i>	Asn265	<i>DO*A</i> <i>DO*01</i>	
Do ^b	Do(b+)	<i>DO 793G</i>	Asp265	<i>DO*B</i> <i>DO*02</i>	