



Variant List – Hemo ID DQS Panel

BLOOD GROUP	ANTIGENS	GENE	NUCLEOTIDE
RHCE	ce, Ce, cE, CE	RHCE	c.307C>T; i2(109bp ins); c.676G>C
	Cw	RHCE	c.122A>G
	Cx	RHCE	c.106G>A
	V / VS / hrB	RHCE	c.48G>C; c.733C>G; c.1006G>T
	hrS	RHCE	c.48G>C; c.712A>G; c.733C>G
	Crawford	RHCE	c.48G>C; c.697C>G; c.733C>G
Kell	k / K	KEL	c.578C>T
	Kpa / Kpb	KEL	c.841C>T
	Jsa / Jsb	KEL	c.1790T>C
Duffy	Fya / Fyb	DARC	c.125A>G
	Fyx	DARC	c.125A>G; c.265 C>T
	GATA	DARC	g.-67T>C; c.125A>G
	Jka / Jkb	SLC14A1	c.838A>G
Kidd	Jka / Jkb	SLC14A1	c.838A>G
MNS	M / N	GYPB	c.59C>T; c.72T>G
	S / s	GYPB	c.143C>T
	U	GYPB	Intron 5 +5G>T
	Uvar P2	GYPB	c.143C>T; Intron5+5G>T
	Uvar NY	GYPB	c.143C>T; c.208G>T; c.230C>T; c.251C>G
	Uneg	GYPB	Deleted GYPB
Lutheran	Lua / Lub	BCAM	c.230G>A
Dombrock	Doa / Dob	ART4	c.793A>G
	Hy+/-	ART4	c.323G>T
	Joa+/-	ART4	c.350C>T
Landsteiner Wiener	LWa / LWb	ICAM4	c.299A>G
Diego	Dia / Dib	SLC4A1	c.2561C>T
Colton	Coa / Cob	AQP1	c.134C>T
Scianna	Sc1 / Sc2	ERMAP	c.169G>A
Cartwright	Yta / Ytb	ACHE	c.1057C>A

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