

a.

HLA-C allotype	KIR Ligand	Cognate KIR			Ligand frequency	
					Māori	Polynesian
C*01:02	C1	2DL2	2DL3	2DS4	0.448	0.250
C*03:03	C1	2DL2	2DL3		0.010	0.016
C*03:04	C1	2DL2	2DL3		0.010	0.094
C*07:01	C1	2DL2	2DL3		0.021	0.031
C*07:02	C1	2DL2	2DL3		0.104	0.094
C*07:04	C1	2DL2	2DL3		0.010	
C*08:01	C1	2DL2	2DL3		0.104	0.078
C*01:01	C1	2DL2	2DL3	2DS4		0.047
C*07:139	C1	2DL2	2DL3		0.010	0.016
C*04:01	C2	2DL1/S1	2DL2	2DL3	0.094	0.063
C*04:03	C2	2DL1/S1	2DL2	2DL3	0.083	0.109
C*05:01	C2	2DL1/S1	2DL2	2DL3	0.010	0.016
C*06:02	C2	2DL1/S1	2DL2			0.016
C*12:03	C2	2DL1/S1	2DL2		0.031	0.047
C*15:02	C2	2DL1/S1	2DL2		0.031	0.078
C*15:05	C2	2DL1/S1	2DL2		0.010	
C*04:16	C2	2DL1/S1	2DL2	2DL3	2DS4	0.016
C*04:71	C2	2DL1/S1	2DL2	2DL3	2DS4	
C*06:01	C2	2DL1/S1	2DL2			0.016
C*12:02	C2	2DL1/S1	2DL2			0.010

b.

c.

HLA-A allotype	Cognate KIR	Ligand frequency		HLA-B allotype	Cognate KIR	Ligand frequency	
		Māori	Polynesian			Māori	Polynesian
A*01:01		0.061	0.015	B*07:02		0.010	
A*02:01		0.041	0.121	B*07:05		0.010	
A*02:05		0.010		B*08:01		0.031	0.015
A*02:06		0.286	0.136	B*13:01		0.041	0.045
A*02:12		0.010		B*15:01		0.020	
A*11:01	3DL2 2DS4	0.173	0.152	B*15:06			0.015
A*24:02	3DL1	0.367	0.394	B*15:21			0.030
A*26:01			0.030	B*27:04		0.010	
A*34:01		0.051	0.152	B*27:05			0.015

HLA-B allotype	Cognate KIR	Ligand frequency
B*44:02	3DL1	0.020
B*48:01		0.112
B*55:02		0.357
B*56:01		0.071
B*56:02		0.010
B*57:01	3DL1	0.136
		0.015

Supplementary Figure 1