

Table 2: Allelic variations of one centromeric (*KIR3DL3*) and two telomeric (*KIR3DL1/S1* and *KIR3DL2*) genes diversifies *KIR* haplotypes in European American, Ugandan, Papuan, Egyptian and Spanish populations

	Centromeric	Telomeric		
Population	<i>KIR3DL3</i>	<i>KIR3DL1/S1</i>	<i>KIR3DL2</i>	Frequency
European American ‡(Total observed 234)	*003	<i>S1</i> *013	*007	0.051
	*001	<i>S1</i> *013	*007	0.043
	*001	<i>L1</i> *004	*005	0.035
	*001	<i>L1</i> *002	*002	0.028
	*002	<i>L1</i> *001	*001	0.028
	*002	<i>L1</i> *005	*001	0.027
	*003	<i>L1</i> *002	*002	0.026
	*013	<i>L1</i> *001	*001	0.020
	*013	<i>S1</i> *013	*007	0.020
	*001	<i>L1</i> *001	*001	0.018
Ugandan ‡(Total observed 191)	*005	<i>L1</i> *001	*001	0.049
	*002	<i>L1</i> *015	*001	0.031
	*014	<i>L1</i> *031	*001	0.028
	*010	<i>L1</i> *017	*023	0.026
	*014	<i>L1</i> *018	*001	0.023
	*011	<i>L1</i> *018	*001	0.020
	*022	NEG	*006	0.020
	*009	<i>L1</i> *022	*001	0.019
	*004	<i>L1</i> *059 ^a	-	0.017
	*003	<i>L1</i> *007	*008	0.017
Papuan ‡(Total observed 35)	*002	<i>S1</i> *013	*007	0.165
	*014	<i>S1</i> *013	*007	0.142
	*014	NEG	*007	0.100
	*003	<i>S1</i> *013	*007	0.100
	*014	<i>L1</i> *017	*002	0.075
	*002	<i>L1</i> *017	*002	0.066
	*003	<i>L1</i> *017	*002	0.060
	*009	<i>S1</i> *013	*007	0.051
	*013	<i>L1</i> *005	*010	0.047
	*013	<i>L1</i> *017	*002	0.028
Egyptian ‡(Total observed 95)	*003	<i>L1</i> *001	*001	0.045
	*009	<i>L1</i> *001	*001	0.034
	*003	<i>S1</i> *013	*007	0.034
	*003	<i>L1</i> *002	*002	0.027
	*003	<i>L1</i> *007	*008	0.027
	*001	<i>L1</i> *020	*009	0.027
	*014	<i>S1</i> *013	*007	0.027

	*013	<i>L1</i> *001	*001	0.020
	*027	<i>L1</i> *001	*001	0.020
	*015	<i>L1</i> *002	*002	0.020
Spanish ‡(Total observed 86)	*003	<i>L1</i> *002	*002	0.055
	*002	<i>L1</i> *005	*001	0.050
	*001	<i>L1</i> *001	*001	0.047
	*001	<i>L1</i> *004	*005	0.047
	*003	<i>S1</i> *013	*007	0.046
	*009	<i>S1</i> *013	*007	0.040
	*002	<i>S1</i> *013	*007	0.040
	*002	<i>L1</i> *004	*003	0.035
	*002	<i>L1</i> *001	*001	0.031
	*001	<i>L1</i> *015	*002	0.026
#Total Alleles	61	46	51	
\$Total Allotypes	44	37	40	

‡The number of distinct haplotypes identified by analyzing one centromeric (*KIR3DL3*) and two telomeric (*KIR3DL1/S1* and *KIR3DL2*) genes;

#Number of distinct alleles (including novel alleles);

\$Number of distinct allotypes (including novel allotypes);

^a*L1**059 is an allele of *KIR3DL1/2v*, a fusion gene derived from *KIR3DL1* and *KIR3DL2*.