

	EUR (n=379)	AFR (n=246)	rs#_nuc	pept	AA A1 comb	AA A2 comb	AA A3 comb	AA A4 comb	AA A5 comb	Kenyan 1 D1I	Kenyan 2 D2I	Kenyan 3 D3I	Kenyan 4 D4I	Kenyan 5 D5B
JUP	46	5	RS41283425	SAIVHLINYQDDAELATHALPELTK										
JUP	379	246	RS41283425	SAIVHLINYQDDAELATR	1	1	1		1			1		
KRT31	64	16	rs6503627	DNVELENLIR									1	
KRT31	19	1	rs112544857	SQYEVLVETNR										
KRT31	0	1	rs146247884	QNOEQYQmLLDVR									1	
KRT32	276	104	rs2071561_T	ADLEAQVEyLK										
KRT32	315	196	rs2071563_G	LEGEINTYR					1		1			
KRT32	184	133	rs2071563_A	LEGEINmYR										
KRT32	120	83	rs2071563_G_A	LEGEINTYR/LEGEINmYR										
KRT32	356	246	rs72830046_C	CQYEAMVEANRR										
KRT32	174	24	rs72830046_T	CQYEAMVEANhR										
KRT32	151	24	rs72830046_C_T	CQYEAMVEANRR/CQYEAMVEANhR										
KRT32	275	101	rs2071561_T/rs2071563_G	ADLEAQVEyLK/LEGEINTYR										
KRT32	161	47	rs2071561_T/rs2071563_G_A	ADLEAQVEyLK/LEGEINTYR/LEGEINmYR									1	
KRT32	161	50	rs2071561_T/rs2071563_A	ADLEAQVEyLK/LEGEINmYR			1							
KRT32	100	6	rs2071563_G_A/	LEGEINTYR/LEGEINmYR/CQYEAMVEANhR	1									
KRT32	147	11	rs2071561_T/rs2071563_G/rs72830046_T	ADLEAQVEyLK/LEGEINTYR/CQYEAMVEANhR				1						
KRT32	292	196	rs2071563_G/rs72830046_C	LEGEINTYR/CQYEAMVEANRR					1		1			
KRT32	172	24	rs2071563_G/rs72830046_T	LEGEINTYR/CQYEAMVEANhR										
KRT33A	169	147	rs12937519_A	QVVSSEQLQSYQVEIELR				1		1	1	1	1	1
KRT33B	0	5	rs114488848_G	TINALIEIQLAQHNLR							1			
KRT34	218	22	rs2239710_T	SQYEAALVEINR				1					1	
KRT35	295	228	RS743686_G	VSAMYSSSpCKLPSLSPVAR		1	1	1		1				
KRT35	266	111	RS743686_A	VSAMYSSSCKLPSLSPVAR									1	
KRT35	182	93	RS743686_G_A	VSAMYSSSpCKLPSLSPVAR/VSAMYSSSCKLPSLSPVAR										
KRT35	379	246	rs138303882_G	YETEVSRLQLVESDINGLR									1	
KRT35	0	2	rs138303882_A/	YETEVSRLQLVESDINGLR										
KRT35	0	1	RS743686_A/rs138303882_G_A	VSAMYSSSCKLPSLSPVAR/YETEVSRLQLVESDINGLR /YETEVSRLQLVESDINGLR					1					
KRT35	0	2	RS743686_A/rs138303882_G	VSAMYSSSpCKLPSLSPVAR/YETEVSRLQLVESDINGLR							1			
KRT37	354	237	rs9910204_C	TSFYSTSSCPLGCTMAPGAR										1
KRT37	180	73	rs9910204_A	TSFYSTSSCPLCTMAPGAR										
KRT40	353	244	RS150812789_A	TASALEIELQAQQLTESLECTVAETEAAQYSSQLAQIQLDNLENQLAEIR										
KRT40	164	27	RS150812789_G	TASALEIELQAQQLTESLECTVAETEAAQYSSQLAQIQR or /LIDNLENQLAEIR										
KRT40	245	228	rs2010027_C	NHEEEVNLLRQLGDR										
KRT40	309	117	rs2010027_T	NHEEEVNLLhQLGDR					1					
KRT40	164	27	RS150812789_G/rs2010027_C	/LIDNLENQLAEIR; NHEEEVNLLRQLGDR									1	
KRT81	107	11	rs6580873_A	LYEEELIQSHISDTSVVVK										
KRT81	212	30	rs2071588_G	GLTGGFGSHSVCr									1	
KRT81	379	232	rs79897879_T	FSCISACGPRPGR									1	1
KRT81	3	103	rs79897879_G	FrCISACGPRPGR										
KRT81	1	9	rs2071588_G/rs79897879_G	GLTGGFGSHSVCr; FrCISACGPRPGR				1						
KRT82	278	140	rs2658658_G	GAFLYEPGGVSTPVLSTGVLR				1						
KRT82	302	216	rs2658658_A	GAFLYEPGGVSmPVLSTGVLR					1					
KRT83	327	189	rs2852464_G	DLNMDCVAEIK or	1				1					
KRT83	235	179	rs2852464_C	DLNMDCmVAEIK							1			
KRT83	183	122	rs2852464_G_A	DLNMDCVAEIK/DLNMDCmVAEIK			1		1			1		1
KRT83	0	19	rs140635030_T	LEAAVAQSEQSeEAALSAR										
KRT83	0	10	rs2852464_C_G/rs140635030_T	DLNMDCVAEIK/DLNMDCmVAEIK/LEAAVAQSEQSeEAALSAR			1	1						
KRT84	357	245	RS951773_G	QLrEYQELMNAKGLDIEIATYR	1	1	1	1	1		1	1		
KRT84	182	41	RS951773_A	CEYQELMNAKGLDIEIATYR										
KRT86	0	16	rs139895699_T	TKEIENLNCMIQR		1								
KRTAP3-2	377	167	rs9897046_T	MDCCASRSCSVPTGPATICSSDKSCR				1	1	1	1	1	1	1
LRC15	358	242	rs13070515_G	ELSPGIFGMPMNLr					1					
LRC15	150	38	rs13070515_A	ELSIGIFGMPMNLr										
LRC15	129	34	rs13070515_G_A	ELSPGIFGMPMNLr / ELSIGIFGMPMNLr										
LRC15	355	235	rs13060627_C	LYLSNNHISQLPPSFMQLPQLNR		1								1
LRC15	168	92	rs13060627_A	LYLSNNHISQLPPSIFMQLPQLNR										
S100A3	378	211	RS36022742_C	ARPLEQAAVAIVCTFQEYAGR			1	1	1		1			
S100A3	32	145	RS36022742_T	AKPLEQAAVAIVCTFQEYAGR									1	1
S100A3	31	110	RS36022742_C_T	ARPLEQAAVAIVCTFQEYAGR/AKPLEQAAVAIVCTFQEYAGR					1				1	1
S100A3	379	246	rs116208483_G	FMSVLDTNKDFVEYVr	1	1	1	1	1		1	1	1	1
S100A3	27	0	rs116208483_C	FMSVLDTNKDFVEYVr										
TCHH	0	16	rs2515663	TVDLLELDL										
TCHH	379	245		TVDLLELDLr							1			