		French Guiana	Brazil	Cambodia	Thailand	India	Papua New Guinea	Senegal	Togo	Benin	Sierra Leona	Guinea	Ivory Coast	Burkina Faso	Mali	Nigeria	Cameroon	Central Africa	Kenya	Comorro	Madagascar		
		South America		Asia				Africa														In vitro	
SNP nucleotide	**AA residue**																						
a4g	N2D	#																					
c6t	N2N					3																	
t8a	F3Y					3																	
c12t	Y4Y					3																	
a20t	N7I	#																					
t22c	L8L		13																				
c63t	N21N																		13				
c90t	F30F																	4*					
a126t	T42T	#		#						4*													
g160c	V54L																						
a165t	S55S	#																					
g209a	S70N							4															
c234t	H78H						13													4*			
t273c	L91L					3																	
a275g	H92R					3																	
t341c	L114S	#																					
t363c	T121T						13																
c369a	F123L	15																					
g370a t372g	V124M	15																					
a377t	Y126F					3																	
g399a	M133I																					1	2
a471t	G157G		13																				
c494g	T165R					3																	
t553g	F185V												#										
a581g	H194R												#, *										
c688t	L230L	#	13,14										*										
g757a	V253I															6							
t759a	V253V												#										
c793t	L265L			#																			
c796a	P266T															7							
t802a	Y268N															5,7							
a803c	Y268S	15			1				4		8	4	9,4	4			10		11				
a803g	Y268C												12	12									
a813c	L271F																						2
a815g	K272R																					1	
c823a	P275T																					1	
g839a	G280D																					1	
t845c**	V282A											6											
t849a	L283I																					1	
g850a t851a	V284K																					1	
a861t	S287S					3																	
t862a	L288I					3																	
g896a	S299N													12									
t918a	F306L														4								
t929a	F310Y					3																	
t977c	F326S					3																	
a1024c	I342L	#																					
c1059t	F353F													4*									
c1086t	H362Q														4								