

Position	alt	Variant type	AAchange	avsnpl44	ExAC ALL	CADD phred	MaxEnt Scan diff	CLINSIG	Intervar	HGMD	Variant category	Phenotype group								
												3 (n=16)						4 (n=15)		
												NG263	NG356	NG454	NG483	NG530	NG559	NG309	NG441	NG536
89178528	A	ns	S192Y	rs1042602	0.25180	25.0						C	C	C	C	C	C	C	C	
89178602	T	ns	R217W	rs63159160	0.00020	25.1		P		DM	1								C	
89178769	T	ns	W272C			29.6				DM	1				C				-	
89191278	A	ns	R299H	rs61754375	0.00007	33.0		P		DM	1			C						
89227822	A	sp		rs61754382	0.00001	25.2	8.75		P	DM	1				C					
89227850	T	ns	A355V	rs151206295	0.00020	26.8		P		DM	1							C		
89227885	T	ns	H367Y	rs776054795	0.00001	29.5				DM	1				C					
89284792	T	sg	R402X	rs62645917	0.00005	51.0		P	P	DM	1	C								
89284793	A	ns	R402Q	rs1126809	0.17700	34.0		P			1	C	C	C	C	C	C	C	C	
89284805	T	ns	P406L	rs104894313	0.00350	32.0		P		DM	1						C			
89284852	T	ns	R422W	rs749979474	0.00001	34.0				DM	1		C							