

**ACADS Variant Allele Frequencies
2/19/2009**

Notes: These summary statistics were compiled from clinical tests.
Only variants that are within the coding regions and about 50 base pairs of flanking sequence on each side are reported.
At this time, these summary statistics do NOT include insertion/deletion variants.

Exon	Left Flanking	Sequence Variation	Right Flanking	Coding Change	Documentation	Allele Frequencies
2	CACTTCTGCCCTTGC	c.47-6 C>A	GGCAGCTCTCTGTCC	Intronic		C-95.5% A-4.5%
3	ATGGACGTGCCCGAG	c.259 G>A	AGCTTGGCGGTGCTG	p.Glu87Lys		G-95.5% A-4.5%
3	ATGGAGGAGATCAGC	c.319 C>T	GYGGCTGCGCCTCCA	p.Arg107Cys	rs61732144	C-95.5% T-4.5%
3	GGAGGAGATCAGCCG	c.321 T>C	GGCTGCGCCTCCACC	p.Arg107Arg	rs3914	C-72.7% T-27.3%
3	CCCCCTCCCAGGCC	c.360+21 C>G	TGGGACACACGGGTG	Intronic		C-95.5% G-4.5%
5	TGTGTGGGGTGGGGC	c.473-30 G>A	TGCGCTGAGCCCTGG	Intronic		G-95.5% A-4.5%
5	GCGTCCACCACCGCC	c.511 C>T	GGGCCGAGGGCGACT	p.Arg171Trp	rs1800556	C-95.5% T-4.5%
5	GCCGAGGGCGACTCA	c.529 T>C	GGTTTCTGAATGGAA	p.Trp177Arg		T-86.4% C-13.6%
6	CGCCTCTCCTTTTCA	c.625 G>A	GCATCAGTGCCTTCC	p.Gly209Ser	rs1799958	A-50% G-50%
8	GCCCTGGAGAGTGCC	c.973 C>T	GGCTGCTGACCTGGC	p.Arg325Trp		C-95.5% T-4.5%
8	GCTGCTGACCTGGCG	c.990 C>T	GCTGCCATGCTGAAG	p.Arg330Arg	rs3915	T-72.7% C-27.3%
9	CCGCCTCGGAGGCCG	c.1067 C>T	GACCGCCATCAGCCA	p.Ala356Val		C-95.5% T-4.5%
10	CGGCGGACTGCCCA	c.*21 G>C	GACTGCGGGAAGGCG	Post coding	rs3916	C-50% G-50%