

Gene Name	Variant Position	Reference Alleles	Inserted Alleles	Start codon Impact	Stop codon Impact	Protein Impact
AOQ90_RS23450	56-bp deletion	56-bp deletion	56-bp deletion	Start codon deletion		Terminated Translation
AOQ90_RS18835	[1, 434, 437, 438, 1056]	['T', 'C', 'G', 'G', 'A']	['-', ' ', ' ', ' ', 'C']	Partial Start	Stop codon deletion	Extended Translation
AOQ90_RS23115	[0, 944]	['T', 'T']	['-', 'C']	Partial Start	Stop codon deletion	Extended Translation
AOQ90_RS05725	[0, 1441, 1650, 7740]	['C', 'A', 'A', 'G']	['-', 'G', 'G', 'A']	Start codon preserved	Partial Stop	Truncated Protein
AOQ90_RS09990	59-bp deletion	59-bp deletion	59-bp deletion	Partial Start	Partial Stop	Truncated Protein
AOQ90_RS10585	63-bp deletion and 14 substitutions	63-bp deletion and 14 substitutions	63-bp deletion and 14 substitutions	Partial Start	Stop codon deletion	Extended Translation
AOQ90_RS20840	[0, 71, 72]		['-', 'C', 'C']	Partial Start	Early Stop codon	Truncated Protein
AOQ90_RS20845	853-bp deletion and 3 substitutions	853-bp deletion and 3 substitutions	853-bp deletion and 3 substitutions	Start codon preserved	Partial Stop	Truncated Protein