

ID	BRCA1 VUS (Variation)	refSeq ID	Prediction	Clinical significance
1	c. 5573T>C	rs755427809	Benign	Conflicting interpretation
2	c. 5511G>T	rs80356914	Benign	Conflicting interpretation
3	c. 5454C>T	rs1555574705	Benign	Conflicting interpretation
4	c. 5453A>G	rs80357477	Benign	Conflicting interpretation
5	c. 5432A>G	rs80357040	Pathogenic	Conflicting interpretation
6	c. 5419A>G	rs786202721	Benign	Conflicting interpretation
7	c. 5407-25T>A	rs758780152	Benign	Conflicting interpretation
8	c. 5382G>A		Pathogenic	Conflicting interpretation
9	c. 5365G>T	rs80357078	Benign	Conflicting interpretation
10	c. 5365G>A	rs80357078	Pathogenic	Conflicting interpretation
11	c. 5359T>A	rs80357065	Benign	Conflicting interpretation
12	c. 5357T>C	rs398122697	Benign	Conflicting interpretation
13	c. 5348T>C	rs55808233	Benign	Conflicting interpretation
14	c. 5347A>C	rs80357012	Benign	Conflicting interpretation
15	c. 5333-8C>T	rs80358084	Benign	Conflicting interpretation
16	c. 5332G>A	rs80357112	Pathogenic	Conflicting interpretation
17	c. 5327C>A	rs398122695	Pathogenic	Conflicting interpretation
18	c. 5317A>T	rs80357324	Benign	Conflicting interpretation
19	c. 5306A>G	rs397509257	Pathogenic	Conflicting interpretation
20	c. 5285G>A	rs398122694	Pathogenic	Conflicting interpretation
21	c. 5282T>C	rs80356905	Benign	Conflicting interpretation
22	c. 5277G>A	rs80356854	Pathogenic	Conflicting interpretation
23	c. 5258G>C	rs397509246	Benign	Conflicting interpretation
24	c. 5257A>G		Benign	Conflicting interpretation
25	c. 5242G>C	rs397507245	Benign	Conflicting interpretation
26	c. 5242G>T	rs397507245	Benign	Conflicting interpretation
27	c. 5216A>T	rs80357227	Benign	Conflicting interpretation
28	c. 5216A>G	rs80357227	Benign	Conflicting interpretation
29	c. 5211A>G	rs1555576963	Pathogenic	Conflicting interpretation
30	c. 5189A>G	rs80357171	Benign	Conflicting interpretation
31	c. 5152+15A>G	rs750905289	Pathogenic	Conflicting interpretation
32	c. 5143A>T	rs80357222	Pathogenic	Conflicting interpretation
33	c. 5138T>C	rs80357132	Benign	Conflicting interpretation
34	c. 5108A>G	rs876660071	Pathogenic	Conflicting interpretation
35	c. 5106A>G	rs1060504574	Benign	Conflicting interpretation
36	c. 5090G>A	rs397507241	Pathogenic	Conflicting interpretation
37	c. 5068A>C	rs397507239	Benign	Conflicting interpretation
38	c. 5014C>T	rs587781477	Benign	Conflicting interpretation
39	c. 5005G>T	rs80357087	Benign	Conflicting interpretation
40	c. 4993G>A	rs80357169	Benign	Conflicting interpretation
41	c. 4987-5T>C	rs397509214	Benign	Conflicting interpretation
42	c. 4970T>C		Benign	Conflicting interpretation
43	c. 4963T>C	rs1057518639	Benign	Conflicting interpretation
44	c. 4954A>T	rs1348949389	Benign	Conflicting interpretation
45	c. 4941C>A	rs80357302	Benign	Conflicting interpretation
46	c. 4935G>C	rs80357373	Pathogenic	Conflicting interpretation
47	c. 4934G>C	rs70953661	Benign	Conflicting interpretation
48	c. 4882A>G	rs80357465	Benign	Conflicting interpretation
49	c. 4858A>G	rs8176219	Pathogenic	Conflicting interpretation
50	c. 4837A>T	rs1799966	Pathogenic	Conflicting interpretation
51	c. 4776C>G	rs761925468	Benign	Conflicting interpretation
52	c. 4775A>G	rs786203699	Benign	Conflicting interpretation
53	c. 4766G>A	rs80357341	Benign	Conflicting interpretation

54	c. 4765C>T	rs80357002	Benign	Conflicting interpretat
55	c. 4735C>G	rs145466894	Pathogenic	Conflicting interpretat
56	c. 4729T>C	rs80356909	Benign	Conflicting interpretat
57	c. 4683C>G	rs878853265	Benign	Conflicting interpretat
58	c. 4657T>A	rs80357431	Benign	Conflicting interpretat
59	c. 4654T>C	rs1265352633	Benign	Conflicting interpretat
60	c. 4643C>T	rs273900737	Benign	Conflicting interpretat
61	c. 4638T>G	rs397507235	Benign	Conflicting interpretat
62	c. 4635C>G	rs373686790	Benign	Conflicting interpretat
63	c. 4625C>G	rs41293457	Benign	Conflicting interpretat
64	c. 4610A>G	rs70953659	Benign	Conflicting interpretat
65	c. 4585A>G	rs80357095	Pathogenic	Conflicting interpretat
66	c. 4505C>A	rs56335406	Benign	Conflicting interpretat
67	c. 4410A>T	rs80357075	Pathogenic	Conflicting interpretat
68	c. 4361T>C	rs587782606	Benign	Conflicting interpretat
69	c. 4358-2725T>C	rs374519494	Benign	Conflicting interpretat
70	c. 4352A>G	rs949793708	Benign	Conflicting interpretat
71	c. 4344C>T	rs1250691798	Benign	Conflicting interpretat
72	c. 4343G>A	rs80357354	Benign	Conflicting interpretat
73	c. 4342A>G	rs80357486	Benign	Conflicting interpretat
74	c. 4315C>T	rs781260818	Benign	Conflicting interpretat
75	c. 4262A>G	rs80357079	Benign	Conflicting interpretat
76	c. 4261C>T	rs80357013	Benign	Conflicting interpretat
77	c. 4213A>G	rs80357353	Benign	Conflicting interpretat
78	c. 4185+14G>C	rs762153716	Pathogenic	Conflicting interpretat
79	c. 4184A>G	rs80356972	Pathogenic	Conflicting interpretat
80	c. 4181C>T	rs397507226	Benign	Conflicting interpretat
81	c. 4166G>A	rs78951648	Pathogenic	Conflicting interpretat
82	c. 4127C>G	rs80356986	Benign	Conflicting interpretat
83	c. 4115G>A	rs55848034	Pathogenic	Conflicting interpretat
84	c. 4111G>C	rs774593602	Benign	Conflicting interpretat
85	c. 4036G>A	rs80357407	Pathogenic	Conflicting interpretat
86	c. 3963C>G	rs1567789440	Benign	Conflicting interpretat
87	c. 3956G>A	rs587782634	Pathogenic	Conflicting interpretat
88	c. 3944C>G	rs80357500	Benign	Conflicting interpretat
89	c. 3929C>A	rs80357257	Benign	Conflicting interpretat
90	c. 3848A>G	rs80357047	Benign	Conflicting interpretat
91	c. 3845A>T	rs80357217	Pathogenic	Conflicting interpretat
92	c. 3835G>A	rs80357036	Benign	Conflicting interpretat
93	c. 3818A>G	rs431825400	Pathogenic	Conflicting interpretat
94	c. 3815A>G	rs772703445	Benign	Conflicting interpretat
95	c. 3776A>C	rs483353090	Benign	Conflicting interpretat
96	c. 3750G>C	rs145903082	Benign	Conflicting interpretat
97	c. 3737C>A	rs878854949	Benign	Conflicting interpretat
98	c. 3722C>A	rs80357143	Pathogenic	Conflicting interpretat
99	c. 3712C>T	rs876659772	Benign	Conflicting interpretat
100	c. 3711A>G	rs80357388	Pathogenic	Conflicting interpretat
101	c. 3707A>G	rs863224760	Benign	Conflicting interpretat
102	c. 3691T>C	rs41293451	Benign	Conflicting interpretat
103	c. 3596C>T	rs587782458	Benign	Conflicting interpretat
104	c. 3560G>A	rs80356975	Pathogenic	Conflicting interpretat
105	c. 3454G>A	rs80357175	Pathogenic	Conflicting interpretat
106	c. 3410T>C	rs80357297	Benign	Conflicting interpretat
107	c. 3367G>T	rs80356867	Pathogenic	Conflicting interpretat

108	c. 3362A>G	rs80356919	Benign	Conflicting interpretat
109	c. 3355A>T	rs80356949	Pathogenic	Conflicting interpretat
110	c. 3346G>C	rs55909400	Benign	Conflicting interpretat
111	c. 3270A>T	rs369925993	Benign	Conflicting interpretat
112	c. 3247A>G	rs397507213	Pathogenic	Conflicting interpretat
113	c. 3211G>A	rs41293445	Pathogenic	Conflicting interpretat
114	c. 3206A>C	rs879254151	Benign	Conflicting interpretat
115	c. 3181A>G	rs876658975	Benign	Conflicting interpretat
116	c. 3179A>C	rs80357184	Benign	Conflicting interpretat
117	c. 3113A>C	rs16941	Benign	Conflicting interpretat
118	c. 3055A>G	rs80357311	Benign	Conflicting interpretat
119	c. 3041T>C	rs80357020	Benign	Conflicting interpretat
120	c. 3027A>C	rs1555588512	Benign	Conflicting interpretat
121	c. 3008T>C		Benign	Conflicting interpretat
122	c. 2987A>G	rs786202898	Benign	Conflicting interpretat
123	c. 2964A>G	rs1064796061	Pathogenic	Conflicting interpretat
124	c. 2963C>T	rs397507206	Benign	Conflicting interpretat
125	c. 2936G>A	rs80356985	Benign	Conflicting interpretat
126	c. 2935C>T	rs80356970	Benign	Conflicting interpretat
127	c. 2910A>C	rs431825394	Benign	Conflicting interpretat
128	c. 2773A>G	rs4986847	Pathogenic	Conflicting interpretat
129	c. 2735A>G	rs397507204	Benign	Conflicting interpretat
130	c. 2726A>T	rs80357127	Benign	Conflicting interpretat
131	c. 2668G>A	rs80357200	Pathogenic	Conflicting interpretat
132	c. 2666C>T	rs769712441	Benign	Conflicting interpretat
133	c. 2662C>T	rs80357480	Benign	Conflicting interpretat
134	c. 2657C>G	rs587782134	Benign	Conflicting interpretat
135	c. 2630A>G	rs786203689	Benign	Conflicting interpretat
136	c. 2612C>G	rs799917	Benign	Conflicting interpretat
137	c. 2518A>T	rs377475866	Pathogenic	Conflicting interpretat
138	c. 2500G>C	rs786202215	Benign	Conflicting interpretat
139	c. 2481A>G	rs397508970	Benign	Conflicting interpretat
140	c. 2481A>C	rs397508970	Benign	Conflicting interpretat
141	c. 2473G>T	rs80357328	Pathogenic	Conflicting interpretat
142	c. 2447A>G	rs80357108	Pathogenic	Conflicting interpretat
143	c. 2426A>G	rs397507201	Benign	Conflicting interpretat
144	c. 2416G>A	rs80357144	Pathogenic	Conflicting interpretat
145	c. 2393C>T	rs876660005	Benign	Conflicting interpretat
146	c. 2368A>G	rs41286298	Benign	Conflicting interpretat
147	c. 2347A>G	rs80356948	Pathogenic	Conflicting interpretat
148	c. 2329T>G	rs397507199	Pathogenic	Conflicting interpretat
149	c. 2268G>T	rs80356884	Benign	Conflicting interpretat
150	c. 2268G>C	rs80356884	Pathogenic	Conflicting interpretat
151	c. 2264A>G	rs922908090	Benign	Conflicting interpretat
152	c. 2252T>C	rs587781684	Benign	Conflicting interpretat
153	c. 2224A>G	rs876658733	Pathogenic	Conflicting interpretat
154	c. 2222C>T	rs80357051	Benign	Conflicting interpretat
155	c. 2207A>C	rs397507196	Benign	Conflicting interpretat
156	c. 2155A>G	rs80357147	Pathogenic	Conflicting interpretat
157	c. 2123C>T	rs80357182	Benign	Conflicting interpretat
158	c. 2123C>A	rs80357182	Pathogenic	Conflicting interpretat
159	c. 2086A>G	rs80357441	Pathogenic	Conflicting interpretat
160	c. 2083G>A	rs28897681	Benign	Conflicting interpretat
161	c. 2060A>C	rs28897680	Benign	Conflicting interpretat

162	c. 2043T>G	rs143920945	Benign	Conflicting interpretat
163	c. 2006T>C	rs80356895	Benign	Conflicting interpretat
164	c. 1974G>C	rs55678461	Benign	Conflicting interpretat
165	c. 1960A>C	rs80357355	Benign	Conflicting interpretat
166	c. 1920A>G	rs587782843	Benign	Conflicting interpretat
167	c. 1907G>A	rs398122649	Pathogenic	Conflicting interpretat
168	c. 1897C>T	rs80356902	Benign	Conflicting interpretat
169	c. 1879G>A	rs80357425	Pathogenic	Conflicting interpretat
170	c. 1849A>G	rs45564238	Pathogenic	Conflicting interpretat
171	c. 1837A>G	rs863224753	Pathogenic	Conflicting interpretat
172	c. 1805A>G	rs1567798189	Benign	Conflicting interpretat
173	c. 1802A>G	rs371631805	Benign	Conflicting interpretat
174	c. 1775G>A	rs786203044	Pathogenic	Conflicting interpretat
175	c. 1772T>C	rs80356859	Benign	Conflicting interpretat
176	c. 1747A>G	rs80356928	Benign	Conflicting interpretat
177	c. 1745C>T	rs786202386	Benign	Conflicting interpretat
178	c. 1724A>G	rs111539978	Benign	Conflicting interpretat
179	c. 1713A>G	rs552505690	Pathogenic	Conflicting interpretat
180	c. 1712T>C	rs80357159	Benign	Conflicting interpretat
181	c. 1609A>G	rs398122639	Pathogenic	Conflicting interpretat
182	c. 1601A>G	rs80357173	Pathogenic	Conflicting interpretat
183	c. 1581G>C	rs80357493	Benign	Conflicting interpretat
184	c. 1573G>A	rs80357273	Benign	Conflicting interpretat
185	c. 1561G>A	rs80357122	Pathogenic	Conflicting interpretat
186	c. 1560A>G	rs1555591570	Benign	Conflicting interpretat
187	c. 1508A>G	rs62625304	Benign	Conflicting interpretat
188	c. 1459G>T	rs369588942	Benign	Conflicting interpretat
189	c. 1457T>C		Benign	Conflicting interpretat
190	c. 1456T>A	rs55906931	Benign	Conflicting interpretat
191	c. 1441C>G	rs1397842308	Pathogenic	Conflicting interpretat
192	c. 1405G>A	rs397507187	Benign	Conflicting interpretat
193	c. 1400A>G	rs876659316	Benign	Conflicting interpretat
194	c. 1397G>A	rs199540030	Benign	Conflicting interpretat
195	c. 1396C>T	rs80356964	Benign	Conflicting interpretat
196	c. 1357G>C	rs768054411	Benign	Conflicting interpretat
197	c. 1258G>T	rs80357488	Pathogenic	Conflicting interpretat
198	c. 1253A>C	rs1555592050	Benign	Conflicting interpretat
199	c. 1250A>G	rs80357113	Benign	Conflicting interpretat
200	c. 1243G>A	rs587782770	Benign	Conflicting interpretat
201	c. 1233T>C	rs80357024	Benign	Conflicting interpretat
202	c. 1222A>G	rs80357253	Benign	Conflicting interpretat
203	c. 1202G>A	rs397507184	Benign	Conflicting interpretat
204	c. 1081T>C	rs80356946	Benign	Conflicting interpretat
205	c. 1026G>A	rs1171571879	Pathogenic	Conflicting interpretat
206	c. 1016A>G	rs587781737	Benign	Conflicting interpretat
207	c. 1015A>G	rs55842957	Benign	Conflicting interpretat
208	c. 1011A>G	rs1555592670	Benign	Conflicting interpretat
209	c. 1008A>G	rs1060504568	Pathogenic	Conflicting interpretat
210	c. 995G>A	rs80357464	Benign	Conflicting interpretat
211	c. 994C>T	rs80357176	Benign	Conflicting interpretat
212	c. 964G>C	rs80357252	Benign	Conflicting interpretat
213	c. 964G>A	rs80357252	Pathogenic	Conflicting interpretat
214	c. 889A>C	rs80357196	Benign	Conflicting interpretat
215	c. 886A>G	rs748675395	Pathogenic	Conflicting interpretat

216	c. 811G>A	rs80357244	Pathogenic	Conflicting interpretat
217	c. 755G>A	rs80357138	Benign	Conflicting interpretat
218	c. 754C>T	rs273902786	Benign	Conflicting interpretat
219	c. 742A>C	rs879255288	Benign	Conflicting interpretat
220	c. 707C>T		Benign	Conflicting interpretat
221	c. 697G>A	rs959797914	Pathogenic	Conflicting interpretat
222	c. 694G>A	rs55975699	Benign	Conflicting interpretat
223	c. 692C>T	rs80357001	Benign	Conflicting interpretat
224	c. 672T>G	rs1064794486	Benign	Conflicting interpretat
225	c. 661G>T	rs80357088	Benign	Conflicting interpretat
226	c. 655G>A	rs273902779	Pathogenic	Conflicting interpretat
227	c. 630A>G	rs1555593567	Benign	Conflicting interpretat
228	c. 612G>C	rs80357394	Benign	Conflicting interpretat
229	c. 572T>A	rs80357142	Benign	Conflicting interpretat
230	c. 512T>C		Benign	Conflicting interpretat
231	c. 509G>A	rs80357264	Benign	Conflicting interpretat
232	c. 486G>A	rs769213707	Pathogenic	Conflicting interpretat
233	c. 484G>C	rs55816927	Benign	Conflicting interpretat
234	c. 482C>T	rs876660138	Benign	Conflicting interpretat
235	c. 457A>C	rs28897674	Benign	Conflicting interpretat
236	c. 453T>C	rs1555594986	Benign	Conflicting interpretat
237	c. 446A>C	rs397507233	Benign	Conflicting interpretat
238	c. 441G>C	rs748876625	Benign	Conflicting interpretat
239	c. 423A>G	rs777102216	Benign	Conflicting interpretat
240	c. 398G>A	rs80357357	Benign	Conflicting interpretat
241	c. 389A>T	rs56055578	Benign	Conflicting interpretat
242	c. 301+1G>A	rs587782173	Pathogenic	Conflicting interpretat
243	c. 154C>A	rs80357084	Pathogenic	Conflicting interpretat
244	c. 154C>T	rs80357084	Benign	Conflicting interpretat
245	c. 144G>A	rs587783040	Pathogenic	Conflicting interpretat
246	c. 135-5T>C	rs587781916	Benign	Conflicting interpretat
247	c. 132C>T	rs876658362	Pathogenic	Conflicting interpretat
248	c. 124A>G	rs80357163	Benign	Conflicting interpretat
249	c. 122A>T	rs80357276	Benign	Conflicting interpretat
250	c. 121C>A	rs1060502353	Benign	Conflicting interpretat
251	c. 93C>G	rs80357000	Pathogenic	Conflicting interpretat
252	c. 81T>C	rs587780805	Benign	Conflicting interpretat
253	c. 81-6T>C	rs80358179	Benign	Conflicting interpretat
254	c. 80G>A		Benign	Conflicting interpretat
255	c. 80G>T	rs1064793052	Benign	Conflicting interpretat
256	c. 70T>A		Benign	Conflicting interpretat
257	c. 43A>C	rs80357031	Benign	Conflicting interpretat
258	c. 22G>A	rs528902306	Benign	Conflicting interpretat
259	c. 20G>A	rs144792613	Benign	Conflicting interpretat
260	c. 19C>T	rs80356994	Benign	Conflicting interpretat
261	c. 10T>C	rs876658707	Benign	Conflicting interpretat
262	c. -10A>C	rs748057929	Benign	Conflicting interpretat
263	c. -16A>G	rs777262055	Pathogenic	Conflicting interpretat
264	c. -20+5T>C	rs1057524628	Benign	Conflicting interpretat
265	c. *1286C>T	rs548275991	Benign	Likely benign
266	c. *750A>G	rs138782023	Pathogenic	Likely benign
267	c. *528G>C	rs1060504556	Pathogenic	Likely benign
268	c. *20C>T	rs375042815	Benign	Likely benign
269	c. *4C>T	rs1057520246	Pathogenic	Likely benign

270	c. *3G>T	rs1057521525	Benign	Likely benign
271	c. *1C>T	rs587782097	Benign	Likely benign
272	c. 5586C>T	rs774127304	Benign	Likely benign
273	c. 5574C>T	rs876659941	Benign	Likely benign
274	c. 5568C>G	rs876659994	Benign	Likely benign
275	c. 5568C>A	rs876659994	Pathogenic	Likely benign
276	c. 5566C>T	rs80357274	Benign	Likely benign
277	c. 5565A>C	rs758449088	Benign	Likely benign
278	c. 5562G>A	rs786201648	Pathogenic	Likely benign
279	c. 5556C>G	rs80356841	Benign	Likely benign
280	c. 5553C>T	rs80357326	Benign	Likely benign
281	c. 5550G>A	rs786201502	Pathogenic	Likely benign
282	c. 5550G>C	rs786201502	Benign	Likely benign
283	c. 5547G>A	rs1426388214	Pathogenic	Likely benign
284	c. 5541C>T	rs397509295	Benign	Likely benign
285	c. 5538G>A	rs80356849	Pathogenic	Likely benign
286	c. 5532C>T	rs80356829	Benign	Likely benign
287	c. 5529A>G	rs1160863525	Benign	Likely benign
288	c. 5529A>C	rs1160863525	Benign	Likely benign
289	c. 5526A>G	rs1555574397	Pathogenic	Likely benign
290	c. 5523T>C	rs878854960	Benign	Likely benign
291	c. 5514G>T	rs786201248	Benign	Likely benign
292	c. 5502C>T	rs1057520459	Benign	Likely benign
293	c. 5496G>A	rs1131692070	Pathogenic	Likely benign
294	c. 5478G>A	rs80357332	Pathogenic	Likely benign
295	c. 5475G>T	rs1057520941	Benign	Likely benign
296	c. 5475G>A	rs1057520941	Benign	Likely benign
297	c. 5469A>C		Benign	Likely benign
298	c. 5468-8G>T		Benign	Likely benign
299	c. 5468-49C>T		Benign	Likely benign
300	c. 5466T>C	rs886052975	Benign	Likely benign
301	c. 5457T>C		Benign	Likely benign
302	c. 5456A>G	rs80357286	Benign	Likely benign
303	c. 5451G>A	rs1057523707	Pathogenic	Likely benign
304	c. 5448A>G	rs397509285	Pathogenic	Likely benign
305	c. 5439T>C	rs760396669	Benign	Likely benign
306	c. 5430G>A	rs786201582	Pathogenic	Likely benign
307	c. 5424G>C	rs1555574748	Benign	Likely benign
308	c. 5418A>C	rs1555574766	Benign	Likely benign
309	c. 5416C>G	rs80357241	Benign	Likely benign
310	c. 5415C>T	rs1060504559	Benign	Likely benign
311	c. 5412C>T	rs730881456	Benign	Likely benign
312	c. 5407-17C>G		Benign	Likely benign
313	c. 5406A>C	rs879255493	Benign	Likely benign
314	c. 5402G>A	rs531210457	Benign	Likely benign
315	c. 5397C>T	rs1131692096	Benign	Likely benign
316	c. 5394C>T	rs777371808	Benign	Likely benign
317	c. 5390C>T	rs879255492	Benign	Likely benign
318	c. 5388A>G	rs373810778	Pathogenic	Likely benign
319	c. 5382G>C	rs397509275	Benign	Likely benign
320	c. 5376G>A	rs1060504569	Pathogenic	Likely benign
321	c. 5367T>C		Benign	Likely benign
322	c. 5358G>C	rs1057522271	Benign	Likely benign
323	c. 5356C>T	rs1555575167	Benign	Likely benign

324	c. 5352A>T	rs767459025	Benign	Likely benign
325	c. 5352A>G	rs767459025	Pathogenic	Likely benign
326	c. 5340G>T		Benign	Likely benign
327	c. 5340G>A	rs766700840	Pathogenic	Likely benign
328	c. 5337A>G	rs876659718	Benign	Likely benign
329	c. 5334T>C	rs754152768	Benign	Likely benign
330	c. 5333A>G	rs80357041	Benign	Likely benign
331	c. 5333-12T>C		Benign	Likely benign
332	c. 5333-873T>C		Benign	Likely benign
333	c. 5332+13G>T	rs372391060	Pathogenic	Likely benign
334	c. 5332+11G>A		Pathogenic	Likely benign
335	c. 5328C>G		Benign	Likely benign
336	c. 5328C>T	rs759867616	Benign	Likely benign
337	c. 5319C>G	rs1555575689	Benign	Likely benign
338	c. 5313C>T	rs1131692076	Benign	Likely benign
339	c. 5310G>C	rs273901761	Benign	Likely benign
340	c. 5310G>A	rs273901761	Benign	Likely benign
341	c. 5304C>T	rs138493864	Benign	Likely benign
342	c. 5289G>A	rs1022076404	Pathogenic	Likely benign
343	c. 5289G>C	rs1022076404	Benign	Likely benign
344	c. 5280C>T	rs750040616	Benign	Likely benign
345	c. 5280C>A	rs750040616	Pathogenic	Likely benign
346	c. 5278-19T>A		Benign	Likely benign
347	c. 5277+98T>C		Benign	Likely benign
348	c. 5274A>G	rs758739620	Benign	Likely benign
349	c. 5268G>A	rs571834423	Benign	Likely benign
350	c. 5259A>G	rs771577266	Pathogenic	Likely benign
351	c. 5256A>C	rs80356844	Benign	Likely benign
352	c. 5251C>A	rs80357123	Benign	Likely benign
353	c. 5250G>A		Benign	Likely benign
354	c. 5202T>C		Benign	Likely benign
355	c. 5196T>C	rs1567764670	Benign	Likely benign
356	c. 5194-34C>T		Benign	Likely benign
357	c. 5193+22C>T	rs8176260	Benign	Likely benign
358	c. 5193+8C>A		Benign	Likely benign
359	c. 5193G>A	rs876660702	Pathogenic	Likely benign
360	c. 5185C>T	rs1207677103	Benign	Likely benign
361	c. 5176A>G	rs80357501	Benign	Likely benign
362	c. 5175A>G	rs191373374	Benign	Likely benign
363	c. 5163G>A	rs1403122031	Benign	Likely benign
364	c. 5160C>G	rs376736915	Benign	Likely benign
365	c. 5157G>T	rs28897697	Pathogenic	Likely benign
366	c. 5157G>A	rs28897697	Pathogenic	Likely benign
367	c. 5153-31A>T		Benign	Likely benign
368	c. 5152+13C>T		Benign	Likely benign
369	c. 5142T>G	rs749319480	Benign	Likely benign
370	c. 5139A>G	rs1555578550	Pathogenic	Likely benign
371	c. 5124G>A	rs1057520432	Pathogenic	Likely benign
372	c. 5115A>C	rs772885662	Benign	Likely benign
373	c. 5113C>T	rs80356858	Benign	Likely benign
374	c. 5109T>C	rs80356974	Benign	Likely benign
375	c. 5103G>A	rs1060504591	Pathogenic	Likely benign
376	c. 5100A>G	rs45519437	Benign	Likely benign
377	c. 5095C>A	rs55770810	Benign	Likely benign

378	c. 5094A>G	rs764891781	Benign	Likely benign
379	c. 5088G>A	rs878854956	Pathogenic	Likely benign
380	c. 5075-18G>T		Benign	Likely benign
381	c. 5074+20A>G		Pathogenic	Likely benign
382	c. 5061T>C	rs1555579625	Benign	Likely benign
383	c. 5058T>C	rs397509218	Benign	Likely benign
384	c. 5055T>G	rs1060504555	Benign	Likely benign
385	c. 5052T>G		Benign	Likely benign
386	c. 5052T>A	rs760922019	Benign	Likely benign
387	c. 5052T>C	rs760922019	Benign	Likely benign
388	c. 5037A>G	rs754256578	Pathogenic	Likely benign
389	c. 5034T>C	rs898511378	Benign	Likely benign
390	c. 5031T>A	rs765241963	Benign	Likely benign
391	c. 5028A>G	rs1064793596	Pathogenic	Likely benign
392	c. 5026T>C	rs1567772244	Benign	Likely benign
393	c. 5025T>C	rs876658226	Benign	Likely benign
394	c. 5023A>G	rs774452090	Pathogenic	Likely benign
395	c. 5022C>T	rs786203868	Benign	Likely benign
396	c. 5010A>G	rs777828258	Benign	Likely benign
397	c. 5008A>C	rs1057523976	Benign	Likely benign
398	c. 5007C>T	rs751856943	Benign	Likely benign
399	c. 5001G>A	rs889937720	Benign	Likely benign
400	c. 4998C>T	rs730882165	Benign	Likely benign
401	c. 4987-8A>G		Pathogenic	Likely benign
402	c. 4987-20A>C		Benign	Likely benign
403	c. 4977A>C	rs1131692087	Benign	Likely benign
404	c. 4974C>T	rs1555580615	Benign	Likely benign
405	c. 4971G>C	rs786202058	Benign	Likely benign
406	c. 4971G>A	rs786202058	Pathogenic	Likely benign
407	c. 4962G>A	rs549640262	Pathogenic	Likely benign
408	c. 4959G>A	rs878854955	Pathogenic	Likely benign
409	c. 4930G>C		Benign	Likely benign
410	c. 4929A>C	rs786202022	Benign	Likely benign
411	c. 4923T>G	rs876658258	Benign	Likely benign
412	c. 4917G>A	rs1060504558	Pathogenic	Likely benign
413	c. 4915T>C		Benign	Likely benign
414	c. 4914A>G	rs786201216	Benign	Likely benign
415	c. 4908G>A	rs1567774705	Pathogenic	Likely benign
416	c. 4902G>A	rs746199881	Benign	Likely benign
417	c. 4899C>T		Benign	Likely benign
418	c. 4893T>C	rs80356850	Benign	Likely benign
419	c. 4881A>G	rs1425743425	Benign	Likely benign
420	c. 4872G>T		Benign	Likely benign
421	c. 4872G>A	rs11555992	Pathogenic	Likely benign
422	c. 4860T>C	rs750938749	Benign	Likely benign
423	c. 4854T>C	rs750718476	Benign	Likely benign
424	c. 4851T>C	rs786202627	Benign	Likely benign
425	c. 4848T>C		Benign	Likely benign
426	c. 4845T>C	rs144588397	Benign	Likely benign
427	c. 4833C>T	rs80356842	Benign	Likely benign
428	c. 4830T>G	rs1555580852	Benign	Likely benign
429	c. 4824A>G	rs1555580860	Pathogenic	Likely benign
430	c. 4821T>C	rs1260740618	Benign	Likely benign
431	c. 4815G>A	rs1060504589	Pathogenic	Likely benign

432	c. 4813T>C	rs80356833	Benign	Likely benign
433	c. 4803A>G	rs886037794	Benign	Likely benign
434	c. 4798T>C	rs775837744	Benign	Likely benign
435	c. 4791C>T	rs1555580935	Benign	Likely benign
436	c. 4782A>G	rs876659455	Benign	Likely benign
437	c. 4767T>A		Benign	Likely benign
438	c. 4767T>G	rs587780864	Benign	Likely benign
439	c. 4764T>A	rs753651115	Pathogenic	Likely benign
440	c. 4764T>C	rs753651115	Benign	Likely benign
441	c. 4752C>T	rs786201422	Benign	Likely benign
442	c. 4750G>T	rs80357070	Benign	Likely benign
443	c. 4749A>G		Pathogenic	Likely benign
444	c. 4743A>G	rs397509194	Benign	Likely benign
445	c. 4740T>C	rs777297026	Benign	Likely benign
446	c. 4737T>C	rs878854954	Benign	Likely benign
447	c. 4731T>A	rs1555581028	Benign	Likely benign
448	c. 4726G>C	rs1060502355	Benign	Likely benign
449	c. 4725T>G	rs878854953	Benign	Likely benign
450	c. 4719T>C	rs1057520436	Benign	Likely benign
451	c. 4710C>T	rs786201839	Benign	Likely benign
452	c. 4690C>T		Benign	Likely benign
453	c. 4689C>T	rs80357433	Benign	Likely benign
454	c. 4683C>A	rs878853265	Pathogenic	Likely benign
455	c. 4683C>T	rs878853265	Benign	Likely benign
456	c. 4682C>T	rs56158747	Benign	Likely benign
457	c. 4676-44A>C		Benign	Likely benign
458	c. 4675+7T>A		Benign	Likely benign
459	c. 4665G>A	rs878854952	Benign	Likely benign
460	c. 4657T>C	rs80357431	Benign	Likely benign
461	c. 4653T>C	rs587780863	Benign	Likely benign
462	c. 4650A>T	rs876658608	Benign	Likely benign
463	c. 4650A>G	rs876658608	Benign	Likely benign
464	c. 4644G>A	rs28897692	Benign	Likely benign
465	c. 4635C>T	rs373686790	Benign	Likely benign
466	c. 4629G>A	rs1555581858	Benign	Likely benign
467	c. 4626T>C	rs786202425	Benign	Likely benign
468	c. 4620A>G	rs769566412	Benign	Likely benign
469	c. 4617G>A		Pathogenic	Likely benign
470	c. 4614G>A	rs1555581876	Pathogenic	Likely benign
471	c. 4599T>C	rs1131692095	Benign	Likely benign
472	c. 4596T>C	rs1567777953	Benign	Likely benign
473	c. 4584C>T	rs1131692080	Benign	Likely benign
474	c. 4581G>A	rs1060504560	Pathogenic	Likely benign
475	c. 4565A>G	rs80357379	Pathogenic	Likely benign
476	c. 4560A>G	rs761293595	Benign	Likely benign
477	c. 4557T>C	rs876659243	Benign	Likely benign
478	c. 4554G>A	rs786202635	Pathogenic	Likely benign
479	c. 4545G>A	rs755731300	Pathogenic	Likely benign
480	c. 4545G>T	rs755731300	Pathogenic	Likely benign
481	c. 4544G>A	rs398122688	Pathogenic	Likely benign
482	c. 4527C>T	rs886040233	Benign	Likely benign
483	c. 4521G>A	rs1435385135	Pathogenic	Likely benign
484	c. 4518T>C	rs73983787	Benign	Likely benign
485	c. 4515T>C	rs1057522167	Benign	Likely benign

486	c. 4512A>G	rs1555582056	Pathogenic	Likely benign
487	c. 4506A>G	rs778400777	Benign	Likely benign
488	c. 4503C>T	rs747539984	Benign	Likely benign
489	c. 4491C>T		Benign	Likely benign
490	c. 4485-11T>A		Benign	Likely benign
491	c. 4485-14A>T		Benign	Likely benign
492	c. 4484+32A>G		Pathogenic	Likely benign
493	c. 4443A>C	rs1555582589	Benign	Likely benign
494	c. 4437G>A	rs1232117701	Pathogenic	Likely benign
495	c. 4428G>A	rs1057522527	Benign	Likely benign
496	c. 4422T>C	rs756281673	Benign	Likely benign
497	c. 4419T>A	rs730881455	Benign	Likely benign
498	c. 4416T>C	rs780239567	Benign	Likely benign
499	c. 4413C>T	rs749522068	Benign	Likely benign
500	c. 4392T>A	rs794727102	Benign	Likely benign
501	c. 4389C>T		Benign	Likely benign
502	c. 4380T>C	rs786203100	Benign	Likely benign
503	c. 4368T>G	rs1171220106	Benign	Likely benign
504	c. 4362A>G		Pathogenic	Likely benign
505	c. 4358-10C>T	rs80358111	Benign	Likely benign
506	c. 4358-20T>G		Benign	Likely benign
507	c. 4358-37G>A		Pathogenic	Likely benign
508	c. 4358-48A>G		Pathogenic	Likely benign
509	c. 4357+20C>T		Benign	Likely benign
510	c. 4353A>G	rs786202387	Benign	Likely benign
511	c. 4347A>G	rs80356840	Benign	Likely benign
512	c. 4338A>G		Benign	Likely benign
513	c. 4335A>C	rs1555584033	Benign	Likely benign
514	c. 4332T>C	rs752824502	Benign	Likely benign
515	c. 4328G>A	rs4986849	Benign	Likely benign
516	c. 4323C>T	rs1057523168	Benign	Likely benign
517	c. 4314C>G	rs80356856	Benign	Likely benign
518	c. 4311T>C	rs1131692092	Benign	Likely benign
519	c. 4308T>G		Benign	Likely benign
520	c. 4305C>T	rs730881445	Benign	Likely benign
521	c. 4294A>C	rs80357157	Benign	Likely benign
522	c. 4287C>T	rs397509160	Benign	Likely benign
523	c. 4272G>A	rs398122684	Pathogenic	Likely benign
524	c. 4269C>T	rs786202278	Benign	Likely benign
525	c. 4266G>A	rs1555584142	Pathogenic	Likely benign
526	c. 4263T>C	rs1131692074	Benign	Likely benign
527	c. 4251G>A	rs777057839	Pathogenic	Likely benign
528	c. 4245A>G	rs41293453	Benign	Likely benign
529	c. 4242A>G	rs1057521982	Pathogenic	Likely benign
530	c. 4230A>G	rs1555584217	Benign	Likely benign
531	c. 4227G>A	rs786201618	Benign	Likely benign
532	c. 4218G>A	rs1800707	Benign	Likely benign
533	c. 4215A>T	rs1555584242	Benign	Likely benign
534	c. 4212G>C		Benign	Likely benign
535	c. 4212G>A		Pathogenic	Likely benign
536	c. 4209C>T	rs786201224	Benign	Likely benign
537	c. 4197C>G	rs876659552	Benign	Likely benign
538	c. 4191G>A	rs1555584270	Benign	Likely benign
539	c. 4186-128A>T		Pathogenic	Likely benign

540	c. 4185+40T>G		Benign	Likely benign
541	c. 4185+20G>A		Pathogenic	Likely benign
542	c. 4182T>C	rs864622540	Benign	Likely benign
543	c. 4179C>G	rs753735698	Benign	Likely benign
544	c. 4179C>T	rs753735698	Benign	Likely benign
545	c. 4155A>G	rs1057520245	Pathogenic	Likely benign
546	c. 4146C>T	rs1057517574	Benign	Likely benign
547	c. 4137T>C	rs1057521866	Benign	Likely benign
548	c. 4134C>T		Benign	Likely benign
549	c. 4131C>T	rs80356871	Benign	Likely benign
550	c. 4113G>T	rs147448807	Benign	Likely benign
551	c. 4113G>A	rs147448807	Pathogenic	Likely benign
552	c. 4110T>C	rs1131692067	Benign	Likely benign
553	c. 4107A>G	rs1555586263	Benign	Likely benign
554	c. 4097-11T>G		Benign	Likely benign
555	c. 4096+43G>A		Pathogenic	Likely benign
556	c. 4092C>T	rs786201566	Benign	Likely benign
557	c. 4081A>G	rs80357218	Benign	Likely benign
558	c. 4074G>A	rs80356846	Pathogenic	Likely benign
559	c. 4071A>G	rs786201475	Benign	Likely benign
560	c. 4051T>C	rs139858874	Benign	Likely benign
561	c. 4050C>T	rs779507799	Benign	Likely benign
562	c. 4047G>T	rs758515222	Benign	Likely benign
563	c. 4047G>A	rs758515222	Benign	Likely benign
564	c. 4026A>C	rs80356828	Benign	Likely benign
565	c. 4026A>G	rs80356828	Pathogenic	Likely benign
566	c. 4020G>A		Pathogenic	Likely benign
567	c. 4018T>C	rs786201646	Benign	Likely benign
568	c. 4014G>A	rs1555586655	Benign	Likely benign
569	c. 4002T>C	rs1131692083	Benign	Likely benign
570	c. 3995G>A		Pathogenic	Likely benign
571	c. 3993G>A	rs70953658	Pathogenic	Likely benign
572	c. 3990C>T	rs876660808	Benign	Likely benign
573	c. 3975G>A	rs761424661	Benign	Likely benign
574	c. 3960T>C		Benign	Likely benign
575	c. 3951G>A	rs1060504566	Pathogenic	Likely benign
576	c. 3936C>T	rs753210219	Benign	Likely benign
577	c. 3935C>G	rs1555586769	Benign	Likely benign
578	c. 3930A>C	rs1555586780	Benign	Likely benign
579	c. 3918G>A	rs786202068	Pathogenic	Likely benign
580	c. 3909G>A		Pathogenic	Likely benign
581	c. 3900C>T	rs730881454	Pathogenic	Likely benign
582	c. 3897G>A	rs398122678	Pathogenic	Likely benign
583	c. 3891T>C	rs1555586847	Benign	Likely benign
584	c. 3885G>A	rs1057522176	Pathogenic	Likely benign
585	c. 3879T>C	rs1057523579	Benign	Likely benign
586	c. 3867A>G		Benign	Likely benign
587	c. 3858T>C	rs794726998	Benign	Likely benign
588	c. 3852C>T	rs776070899	Benign	Likely benign
589	c. 3849T>C	rs1567789838	Benign	Likely benign
590	c. 3846A>G	rs1555586947	Benign	Likely benign
591	c. 3834G>A	rs876660942	Benign	Likely benign
592	c. 3826T>G	rs876659178	Benign	Likely benign
593	c. 3826T>C	rs876659178	Benign	Likely benign

594	c. 3822A>C	rs372396487	Benign	Likely benign
595	c. 3810C>T	rs886040166	Pathogenic	Likely benign
596	c. 3807C>T	rs786202569	Benign	Likely benign
597	c. 3804T>C	rs140588714	Benign	Likely benign
598	c. 3799T>C		Benign	Likely benign
599	c. 3798C>T	rs200648498	Benign	Likely benign
600	c. 3792G>A	rs894781955	Pathogenic	Likely benign
601	c. 3789G>A		Pathogenic	Likely benign
602	c. 3787T>C	rs1057523961	Benign	Likely benign
603	c. 3783A>G	rs80356831	Pathogenic	Likely benign
604	c. 3780A>G	rs753081589	Pathogenic	Likely benign
605	c. 3774G>A	rs431825399	Pathogenic	Likely benign
606	c. 3771G>A		Pathogenic	Likely benign
607	c. 3768A>G	rs786202803	Pathogenic	Likely benign
608	c. 3759T>G	rs80356852	Benign	Likely benign
609	c. 3756G>C	rs752122039	Benign	Likely benign
610	c. 3756G>A	rs752122039	Pathogenic	Likely benign
611	c. 3750G>A	rs145903082	Pathogenic	Likely benign
612	c. 3747C>A		Benign	Likely benign
613	c. 3747C>G	rs587780801	Benign	Likely benign
614	c. 3747C>T	rs587780801	Benign	Likely benign
615	c. 3744T>A	rs1555587190	Pathogenic	Likely benign
616	c. 3738C>T	rs778655093	Benign	Likely benign
617	c. 3735C>T	rs1567790391	Benign	Likely benign
618	c. 3726T>C	rs1060504567	Benign	Likely benign
619	c. 3723T>C	rs772759939	Benign	Likely benign
620	c. 3720G>A	rs876658341	Benign	Likely benign
621	c. 3717T>C		Benign	Likely benign
622	c. 3717T>A	rs730881453	Benign	Likely benign
623	c. 3714T>G		Benign	Likely benign
624	c. 3714T>C	rs140777892	Benign	Likely benign
625	c. 3708T>C	rs28897687	Benign	Likely benign
626	c. 3702A>G	rs587780862	Pathogenic	Likely benign
627	c. 3699A>G	rs368690455	Benign	Likely benign
628	c. 3690A>G		Pathogenic	Likely benign
629	c. 3688T>C	rs786201581	Benign	Likely benign
630	c. 3685T>C	rs767958299	Benign	Likely benign
631	c. 3672C>T		Benign	Likely benign
632	c. 3672C>G	rs1555587298	Benign	Likely benign
633	c. 3657G>A	rs80356876	Pathogenic	Likely benign
634	c. 3645C>T	rs758329415	Benign	Likely benign
635	c. 3642G>A	rs398122675	Pathogenic	Likely benign
636	c. 3636A>T	rs148038877	Pathogenic	Likely benign
637	c. 3636A>G	rs148038877	Pathogenic	Likely benign
638	c. 3627A>G	rs770579978	Pathogenic	Likely benign
639	c. 3621G>A		Pathogenic	Likely benign
640	c. 3615G>A	rs750113197	Benign	Likely benign
641	c. 3612A>G	rs537737635	Pathogenic	Likely benign
642	c. 3606C>T		Benign	Likely benign
643	c. 3603T>C	rs80356830	Benign	Likely benign
644	c. 3603T>G	rs80356830	Benign	Likely benign
645	c. 3601G>A	rs55725337	Pathogenic	Likely benign
646	c. 3600G>C	rs56214134	Benign	Likely benign
647	c. 3597T>A	rs1555587434	Pathogenic	Likely benign

648	c. 3588A>C	rs876658595	Benign	Likely benign
649	c. 3588A>G	rs876658595	Benign	Likely benign
650	c. 3582C>T	rs786202722	Benign	Likely benign
651	c. 3576T>C	rs766447664	Benign	Likely benign
652	c. 3573C>T	rs864622080	Benign	Likely benign
653	c. 3561C>T	rs1555587501	Benign	Likely benign
654	c. 3551G>A	rs1567791181	Pathogenic	Likely benign
655	c. 3540C>T	rs928545955	Benign	Likely benign
656	c. 3537A>G	rs1131692090	Benign	Likely benign
657	c. 3531T>C		Benign	Likely benign
658	c. 3525T>G	rs1131692086	Benign	Likely benign
659	c. 3519T>C		Benign	Likely benign
660	c. 3513G>A	rs786202844	Benign	Likely benign
661	c. 3498T>C	rs1298897645	Benign	Likely benign
662	c. 3495T>C	rs1555587585	Benign	Likely benign
663	c. 3486T>C	rs1555587617	Benign	Likely benign
664	c. 3474A>G	rs1567791508	Benign	Likely benign
665	c. 3468T>C	rs864622146	Benign	Likely benign
666	c. 3465T>C	rs1567791539	Benign	Likely benign
667	c. 3462A>G	rs876659048	Pathogenic	Likely benign
668	c. 3438T>C	rs1555587693	Benign	Likely benign
669	c. 3435T>C	rs786201222	Benign	Likely benign
670	c. 3426A>G	rs80356843	Benign	Likely benign
671	c. 3423T>C	rs863224419	Benign	Likely benign
672	c. 3402A>G	rs752875919	Benign	Likely benign
673	c. 3396C>T	rs764013144	Benign	Likely benign
674	c. 3390A>G	rs757237039	Pathogenic	Likely benign
675	c. 3381T>C	rs781319410	Benign	Likely benign
676	c. 3378A>G	rs1057521325	Benign	Likely benign
677	c. 3372C>T	rs786203431	Benign	Likely benign
678	c. 3357T>C	rs772383323	Benign	Likely benign
679	c. 3357T>A	rs772383323	Benign	Likely benign
680	c. 3354G>A	rs80357334	Pathogenic	Likely benign
681	c. 3348A>G	rs1131692073	Pathogenic	Likely benign
682	c. 3339T>C	rs80357421	Benign	Likely benign
683	c. 3327A>G	rs41293449	Benign	Likely benign
684	c. 3315T>C		Benign	Likely benign
685	c. 3312G>A	rs876659024	Pathogenic	Likely benign
686	c. 3306T>C	rs876658664	Benign	Likely benign
687	c. 3279C>G	rs1567792257	Benign	Likely benign
688	c. 3270A>G	rs369925993	Benign	Likely benign
689	c. 3267G>A	rs767544239	Pathogenic	Likely benign
690	c. 3252T>G	rs1567792354	Benign	Likely benign
691	c. 3246T>A		Pathogenic	Likely benign
692	c. 3243T>C	rs876659805	Benign	Likely benign
693	c. 3238T>C	rs754597283	Benign	Likely benign
694	c. 3237A>G	rs1555588126	Benign	Likely benign
695	c. 3234A>G	rs876660522	Benign	Likely benign
696	c. 3231G>A	rs1567792423	Benign	Likely benign
697	c. 3213A>G	rs528254652	Benign	Likely benign
698	c. 3210A>T	rs1131692068	Pathogenic	Likely benign
699	c. 3198A>G		Benign	Likely benign
700	c. 3189C>T		Benign	Likely benign
701	c. 3171T>C	rs746394738	Benign	Likely benign

702	c. 3165C>T	rs1399306338	Benign	Likely benign
703	c. 3153T>C	rs1057521053	Benign	Likely benign
704	c. 3144T>C	rs80356837	Benign	Likely benign
705	c. 3141A>G		Pathogenic	Likely benign
706	c. 3129T>C	rs1555588339	Benign	Likely benign
707	c. 3093T>A	rs786204265	Benign	Likely benign
708	c. 3090C>T	rs1221088119	Benign	Likely benign
709	c. 3084T>C		Benign	Likely benign
710	c. 3075A>C	rs786201258	Benign	Likely benign
711	c. 3072C>T		Benign	Likely benign
712	c. 3069G>A	rs1131692091	Pathogenic	Likely benign
713	c. 3066A>T	rs1555588441	Pathogenic	Likely benign
714	c. 3063T>C	rs1364539273	Benign	Likely benign
715	c. 3060A>G	rs781435355	Benign	Likely benign
716	c. 3054C>T	rs1429701835	Benign	Likely benign
717	c. 3045A>C	rs1131692079	Benign	Likely benign
718	c. 3033A>G		Benign	Likely benign
719	c. 3030T>G	rs876660048	Benign	Likely benign
720	c. 3021A>G	rs1057521025	Pathogenic	Likely benign
721	c. 3018T>C	rs1567793232	Benign	Likely benign
722	c. 3012G>A	rs786201784	Pathogenic	Likely benign
723	c. 3009T>C	rs786201587	Benign	Likely benign
724	c. 3003A>G	rs774644946	Benign	Likely benign
725	c. 2995C>T	rs80356848	Benign	Likely benign
726	c. 2985G>A	rs1555588591	Pathogenic	Likely benign
727	c. 2979A>G	rs772854836	Benign	Likely benign
728	c. 2943A>T	rs587780799	Benign	Likely benign
729	c. 2937T>C		Benign	Likely benign
730	c. 2931A>C	rs273899691	Benign	Likely benign
731	c. 2931A>G	rs273899691	Benign	Likely benign
732	c. 2920T>C	rs763845063	Benign	Likely benign
733	c. 2913T>C	rs786203804	Benign	Likely benign
734	c. 2910A>G	rs431825394	Benign	Likely benign
735	c. 2900C>T		Benign	Likely benign
736	c. 2898T>C	rs786202249	Benign	Likely benign
737	c. 2895C>T	rs1555588774	Benign	Likely benign
738	c. 2892A>G	rs1060504553	Benign	Likely benign
739	c. 2891G>A		Pathogenic	Likely benign
740	c. 2889T>C	rs876659125	Benign	Likely benign
741	c. 2883C>T	rs201190540	Benign	Likely benign
742	c. 2877A>G	rs587782743	Pathogenic	Likely benign
743	c. 2874C>T	rs1029207537	Benign	Likely benign
744	c. 2865A>G	rs748285767	Pathogenic	Likely benign
745	c. 2865A>T	rs748285767	Benign	Likely benign
746	c. 2862A>C	rs559190752	Benign	Likely benign
747	c. 2862A>G	rs559190752	Pathogenic	Likely benign
748	c. 2860C>T	rs730881452	Benign	Likely benign
749	c. 2859T>C		Benign	Likely benign
750	c. 2851A>C	rs1347533994	Benign	Likely benign
751	c. 2847C>T	rs1555588850	Benign	Likely benign
752	c. 2829A>G	rs1131692088	Benign	Likely benign
753	c. 2823T>C		Benign	Likely benign
754	c. 2814A>C	rs80356851	Benign	Likely benign
755	c. 2811G>A	rs876659271	Pathogenic	Likely benign

756	c. 2793G>A	rs876660555	Pathogenic	Likely benign
757	c. 2790T>C	rs876659151	Benign	Likely benign
758	c. 2775C>T	rs786201104	Benign	Likely benign
759	c. 2763G>A	rs1057522511	Pathogenic	Likely benign
760	c. 2757T>C	rs755516286	Benign	Likely benign
761	c. 2745T>G	rs876658748	Benign	Likely benign
762	c. 2742G>A	rs961042365	Benign	Likely benign
763	c. 2739T>C	rs273899688	Benign	Likely benign
764	c. 2733A>G	rs1800740	Benign	Likely benign
765	c. 2727T>C	rs1057520470	Benign	Likely benign
766	c. 2721A>G	rs1567794510	Benign	Likely benign
767	c. 2712A>G	rs1057522242	Benign	Likely benign
768	c. 2706A>G	rs398122665	Benign	Likely benign
769	c. 2682A>G	rs1131692093	Benign	Likely benign
770	c. 2679G>A	rs587781771	Pathogenic	Likely benign
771	c. 2674T>C	rs137998759	Benign	Likely benign
772	c. 2670G>T	rs786201677	Benign	Likely benign
773	c. 2667T>C	rs1057521536	Benign	Likely benign
774	c. 2664C>T		Benign	Likely benign
775	c. 2661C>G		Benign	Likely benign
776	c. 2658T>G	rs1555589207	Benign	Likely benign
777	c. 2634A>G	rs730881451	Pathogenic	Likely benign
778	c. 2625A>G	rs754222140	Pathogenic	Likely benign
779	c. 2625A>T	rs754222140	Pathogenic	Likely benign
780	c. 2622T>C		Benign	Likely benign
781	c. 2619A>T		Pathogenic	Likely benign
782	c. 2613G>A	rs587782608	Benign	Likely benign
783	c. 2604A>C	rs864622491	Benign	Likely benign
784	c. 2601G>A	rs876659166	Benign	Likely benign
785	c. 2595G>A		Pathogenic	Likely benign
786	c. 2583C>T	rs1555589334	Pathogenic	Likely benign
787	c. 2580A>C	rs556684572	Benign	Likely benign
788	c. 2580A>G	rs556684572	Benign	Likely benign
789	c. 2577T>C	rs1555589344	Benign	Likely benign
790	c. 2574G>A	rs1555589357	Pathogenic	Likely benign
791	c. 2571G>A		Pathogenic	Likely benign
792	c. 2569T>C	rs779895958	Benign	Likely benign
793	c. 2568T>C	rs80356832	Benign	Likely benign
794	c. 2565G>A		Pathogenic	Likely benign
795	c. 2556T>C	rs1555589414	Benign	Likely benign
796	c. 2535A>C	rs876660248	Benign	Likely benign
797	c. 2523G>C	rs773013395	Benign	Likely benign
798	c. 2523G>A	rs773013395	Benign	Likely benign
799	c. 2522G>A	rs80357337	Benign	Likely benign
800	c. 2497T>C	rs887578121	Benign	Likely benign
801	c. 2496A>T	rs767666029	Benign	Likely benign
802	c. 2475C>T	rs1060504581	Benign	Likely benign
803	c. 2472T>C	rs786201415	Benign	Likely benign
804	c. 2466T>C	rs1064794701	Benign	Likely benign
805	c. 2440C>T	rs786202054	Benign	Likely benign
806	c. 2433C>T	rs1555589666	Benign	Likely benign
807	c. 2421A>G	rs772960140	Pathogenic	Likely benign
808	c. 2412G>A	rs55746541	Pathogenic	Likely benign
809	c. 2409T>C	rs1555589731	Benign	Likely benign

810	c. 2376G>A		Pathogenic	Likely benign
811	c. 2374G>A	rs1555589778	Pathogenic	Likely benign
812	c. 2352G>C		Benign	Likely benign
813	c. 2352G>A	rs372017932	Benign	Likely benign
814	c. 2340G>A	rs1555589856	Pathogenic	Likely benign
815	c. 2334C>T	rs777404687	Benign	Likely benign
816	c. 2322T>A	rs397508958	Pathogenic	Likely benign
817	c. 2316A>C	rs876658590	Benign	Likely benign
818	c. 2310A>G		Pathogenic	Likely benign
819	c. 2295G>A	rs201875054	Pathogenic	Likely benign
820	c. 2292A>G	rs1555589969	Pathogenic	Likely benign
821	c. 2289T>C	rs1567796270	Benign	Likely benign
822	c. 2284A>C	rs1555589988	Benign	Likely benign
823	c. 2274G>A	rs876660823	Pathogenic	Likely benign
824	c. 2247T>C	rs1289739423	Benign	Likely benign
825	c. 2241C>T		Benign	Likely benign
826	c. 2232T>G	rs4986846	Benign	Likely benign
827	c. 2230G>A	rs786203435	Pathogenic	Likely benign
828	c. 2223T>C	rs1555590129	Benign	Likely benign
829	c. 2217A>G	rs200521980	Benign	Likely benign
830	c. 2214T>C		Benign	Likely benign
831	c. 2207A>G	rs397507196	Benign	Likely benign
832	c. 2205A>G	rs1555590208	Pathogenic	Likely benign
833	c. 2203C>T	rs587781781	Benign	Likely benign
834	c. 2190A>G	rs1555590252	Benign	Likely benign
835	c. 2187A>G		Benign	Likely benign
836	c. 2178T>A	rs1555590270	Benign	Likely benign
837	c. 2177T>C	rs1135401827	Benign	Likely benign
838	c. 2175C>T	rs273898680	Benign	Likely benign
839	c. 2157A>G		Benign	Likely benign
840	c. 2154T>G	rs779227326	Benign	Likely benign
841	c. 2142T>C	rs1057522371	Benign	Likely benign
842	c. 2139A>G		Pathogenic	Likely benign
843	c. 2139A>C	rs1131692089	Benign	Likely benign
844	c. 2133G>A	rs1567796898	Pathogenic	Likely benign
845	c. 2130T>G	rs273898678	Benign	Likely benign
846	c. 2127T>C		Benign	Likely benign
847	c. 2121T>G	rs786201649	Benign	Likely benign
848	c. 2115A>G	rs1131692099	Benign	Likely benign
849	c. 2115A>T	rs1131692099	Benign	Likely benign
850	c. 2109A>C	rs4986844	Benign	Likely benign
851	c. 2103G>A	rs273898677	Benign	Likely benign
852	c. 2094A>T	rs1131692098	Pathogenic	Likely benign
853	c. 2079C>T	rs80356835	Benign	Likely benign
854	c. 2076T>C	rs587782595	Benign	Likely benign
855	c. 2064A>T		Pathogenic	Likely benign
856	c. 2064A>G	rs1131692077	Benign	Likely benign
857	c. 2055T>C	rs1555590600	Benign	Likely benign
858	c. 2049G>A	rs778215185	Pathogenic	Likely benign
859	c. 2037G>A	rs572835027	Pathogenic	Likely benign
860	c. 2028T>G		Benign	Likely benign
861	c. 2022T>G	rs771519405	Benign	Likely benign
862	c. 2016A>G	rs776542749	Benign	Likely benign
863	c. 2004C>T	rs1057520832	Benign	Likely benign

864	c. 2004C>A	rs1057520832	Pathogenic	Likely benign
865	c. 2001A>G	rs878854937	Benign	Likely benign
866	c. 1998A>G	rs864622452	Pathogenic	Likely benign
867	c. 1996C>T		Benign	Likely benign
868	c. 1989C>T		Benign	Likely benign
869	c. 1986C>T	rs1555590719	Benign	Likely benign
870	c. 1983G>A	rs869320788	Benign	Likely benign
871	c. 1968C>T	rs1131692075	Benign	Likely benign
872	c. 1966A>G	rs786203455	Benign	Likely benign
873	c. 1962G>A		Pathogenic	Likely benign
874	c. 1959A>G	rs767530204	Benign	Likely benign
875	c. 1950A>T	rs1060504579	Benign	Likely benign
876	c. 1947G>A	rs755706172	Pathogenic	Likely benign
877	c. 1944A>G	rs876660781	Benign	Likely benign
878	c. 1926T>C	rs786203720	Benign	Likely benign
879	c. 1917G>A	rs786202103	Pathogenic	Likely benign
880	c. 1912G>A	rs80357005	Pathogenic	Likely benign
881	c. 1911T>C	rs62625305	Benign	Likely benign
882	c. 1905T>C	rs369373293	Benign	Likely benign
883	c. 1893A>C	rs80356834	Benign	Likely benign
884	c. 1893A>G	rs80356834	Pathogenic	Likely benign
885	c. 1884T>C		Benign	Likely benign
886	c. 1881C>T	rs80356838	Benign	Likely benign
887	c. 1878A>G	rs8176154	Pathogenic	Likely benign
888	c. 1875A>G	rs786201429	Pathogenic	Likely benign
889	c. 1873C>T	rs769044421	Benign	Likely benign
890	c. 1866G>A	rs1800064	Benign	Likely benign
891	c. 1866G>T	rs1800064	Benign	Likely benign
892	c. 1863T>C	rs786201460	Benign	Likely benign
893	c. 1854G>A	rs1060504585	Benign	Likely benign
894	c. 1851C>G	rs1555591097	Benign	Likely benign
895	c. 1842G>A	rs760109939	Benign	Likely benign
896	c. 1839G>A	rs759157605	Benign	Likely benign
897	c. 1833G>A	rs786201548	Pathogenic	Likely benign
898	c. 1830G>A	rs587780796	Benign	Likely benign
899	c. 1827T>C	rs757657445	Benign	Likely benign
900	c. 1809A>C		Benign	Likely benign
901	c. 1803C>T	rs1057523373	Benign	Likely benign
902	c. 1797T>C	rs756211343	Benign	Likely benign
903	c. 1794A>G	rs876659644	Pathogenic	Likely benign
904	c. 1792T>C	rs1060504554	Benign	Likely benign
905	c. 1788C>T	rs779253414	Benign	Likely benign
906	c. 1779T>C	rs1060504563	Benign	Likely benign
907	c. 1776C>T	rs876658911	Pathogenic	Likely benign
908	c. 1773A>C	rs1555591259	Benign	Likely benign
909	c. 1764C>T		Benign	Likely benign
910	c. 1761A>C	rs1057523389	Benign	Likely benign
911	c. 1758T>C	rs1567798401	Benign	Likely benign
912	c. 1752T>A		Benign	Likely benign
913	c. 1752T>C		Benign	Likely benign
914	c. 1749A>G	rs876659580	Benign	Likely benign
915	c. 1746G>A	rs776115545	Benign	Likely benign
916	c. 1740C>T	rs1057520244	Pathogenic	Likely benign
917	c. 1737T>G	rs1567798463	Benign	Likely benign

918	c. 1731A>G	rs28897678	Benign	Likely benign
919	c. 1728A>G	rs786201232	Benign	Likely benign
920	c. 1722C>T	rs530914551	Benign	Likely benign
921	c. 1710A>G	rs876659901	Benign	Likely benign
922	c. 1707C>T	rs876659110	Benign	Likely benign
923	c. 1704T>C	rs587780795	Benign	Likely benign
924	c. 1704T>G	rs587780795	Benign	Likely benign
925	c. 1650T>C	rs777595821	Benign	Likely benign
926	c. 1635G>A	rs770842236	Pathogenic	Likely benign
927	c. 1632A>G	rs876658401	Benign	Likely benign
928	c. 1617G>A	rs372002119	Benign	Likely benign
929	c. 1608T>G	rs1555591482	Benign	Likely benign
930	c. 1599T>C		Benign	Likely benign
931	c. 1596A>T	rs1555591508	Benign	Likely benign
932	c. 1587T>C		Benign	Likely benign
933	c. 1578A>G	rs762642319	Benign	Likely benign
934	c. 1569G>A	rs766934857	Pathogenic	Likely benign
935	c. 1567T>C	rs754398271	Benign	Likely benign
936	c. 1563A>G	rs754970915	Pathogenic	Likely benign
937	c. 1536T>C		Benign	Likely benign
938	c. 1533C>G		Benign	Likely benign
939	c. 1533C>A	rs1280391272	Benign	Likely benign
940	c. 1530A>T	rs1555591599	Pathogenic	Likely benign
941	c. 1527A>G	rs1131692082	Benign	Likely benign
942	c. 1524T>C	rs200616937	Benign	Likely benign
943	c. 1524T>G	rs200616937	Benign	Likely benign
944	c. 1522C>G	rs1555591622	Benign	Likely benign
945	c. 1506A>G	rs786203671	Pathogenic	Likely benign
946	c. 1500T>C		Benign	Likely benign
947	c. 1497A>T		Pathogenic	Likely benign
948	c. 1491C>G	rs786202374	Benign	Likely benign
949	c. 1487G>T	rs28897677	Benign	Likely benign
950	c. 1470A>G	rs775032066	Benign	Likely benign
951	c. 1467G>A	rs794726997	Pathogenic	Likely benign
952	c. 1464T>C	rs1555591722	Benign	Likely benign
953	c. 1458T>A	rs80357400	Benign	Likely benign
954	c. 1446T>C		Benign	Likely benign
955	c. 1434T>G	rs876658280	Benign	Likely benign
956	c. 1428T>C	rs1060504572	Benign	Likely benign
957	c. 1427A>G	rs55720177	Benign	Likely benign
958	c. 1421T>C		Benign	Likely benign
959	c. 1419C>T	rs777228325	Benign	Likely benign
960	c. 1416C>T	rs752808917	Benign	Likely benign
961	c. 1404G>A	rs1555591782	Pathogenic	Likely benign
962	c. 1401G>A	rs786201323	Pathogenic	Likely benign
963	c. 1398G>A	rs1060504571	Benign	Likely benign
964	c. 1392C>G	rs533802049	Benign	Likely benign
965	c. 1390A>G	rs869320787	Benign	Likely benign
966	c. 1386G>A	rs876659749	Pathogenic	Likely benign
967	c. 1374C>T	rs879253999	Benign	Likely benign
968	c. 1362T>C	rs1555591854	Benign	Likely benign
969	c. 1353A>G	rs1178888270	Pathogenic	Likely benign
970	c. 1344C>T	rs1395644015	Benign	Likely benign
971	c. 1336A>C		Benign	Likely benign

972	c. 1335A>G	rs1131692094	Benign	Likely benign
973	c. 1329A>G	rs771892131	Benign	Likely benign
974	c. 1317T>C	rs1555591949	Benign	Likely benign
975	c. 1308T>C	rs770279083	Benign	Likely benign
976	c. 1302T>C		Benign	Likely benign
977	c. 1294C>T	rs864622454	Benign	Likely benign
978	c. 1284A>G		Benign	Likely benign
979	c. 1278A>C	rs1442003131	Benign	Likely benign
980	c. 1278A>G	rs1442003131	Pathogenic	Likely benign
981	c. 1275T>A	rs786201160	Benign	Likely benign
982	c. 1260T>C		Benign	Likely benign
983	c. 1257A>G	rs751690840	Pathogenic	Likely benign
984	c. 1257A>T	rs751690840	Pathogenic	Likely benign
985	c. 1254G>A	rs786201948	Pathogenic	Likely benign
986	c. 1251T>C	rs80357197	Benign	Likely benign
987	c. 1248A>G	rs1057522369	Pathogenic	Likely benign
988	c. 1242C>T	rs372400428	Benign	Likely benign
989	c. 1237T>G	rs574008372	Benign	Likely benign
990	c. 1237T>C	rs574008372	Benign	Likely benign
991	c. 1236A>G	rs1555592094	Pathogenic	Likely benign
992	c. 1233T>G	rs80357024	Benign	Likely benign
993	c. 1227A>G	rs149349675	Pathogenic	Likely benign
994	c. 1215A>G	rs786201517	Pathogenic	Likely benign
995	c. 1212A>G	rs1057521863	Benign	Likely benign
996	c. 1209T>C	rs369363742	Benign	Likely benign
997	c. 1203G>A	rs1567800556	Benign	Likely benign
998	c. 1197T>C	rs1555592250	Benign	Likely benign
999	c. 1173A>G	rs1131692097	Benign	Likely benign
1000	c. 1161C>T		Benign	Likely benign
1001	c. 1152G>A	rs1057523704	Pathogenic	Likely benign
1002	c. 1149T>C	rs979531844	Benign	Likely benign
1003	c. 1137T>G	rs56128296	Pathogenic	Likely benign
1004	c. 1128T>C	rs1555592423	Benign	Likely benign
1005	c. 1125A>G	rs1060504578	Pathogenic	Likely benign
1006	c. 1123C>T	rs1131692084	Benign	Likely benign
1007	c. 1113T>C	rs876658619	Benign	Likely benign
1008	c. 1098T>C	rs876658148	Benign	Likely benign
1009	c. 1092T>C	rs1555592521	Benign	Likely benign
1010	c. 1072C>T	rs377310179	Benign	Likely benign
1011	c. 1071A>G	rs786202159	Benign	Likely benign
1012	c. 1065G>A	rs41286292	Pathogenic	Likely benign
1013	c. 1041G>T		Benign	Likely benign
1014	c. 1041G>A	rs1555592609	Pathogenic	Likely benign
1015	c. 1039C>T	rs1378561919	Benign	Likely benign
1016	c. 1038C>T	rs1555592618	Benign	Likely benign
1017	c. 1017G>A	rs863224416	Pathogenic	Likely benign
1018	c. 1014A>G	rs876660793	Benign	Likely benign
1019	c. 1002C>T	rs1555592693	Benign	Likely benign
1020	c. 1001C>A	rs41286290	Pathogenic	Likely benign
1021	c. 999T>A		Benign	Likely benign
1022	c. 996G>T	rs80356836	Pathogenic	Likely benign
1023	c. 990T>C	rs978690648	Benign	Likely benign
1024	c. 987T>C	rs774849810	Benign	Likely benign
1025	c. 981A>C	rs1800063	Benign	Likely benign

1026	c. 975G>A	rs786201624	Benign	Likely benign
1027	c. 969A>T	rs45586033	Pathogenic	Likely benign
1028	c. 957C>T	rs1057524333	Benign	Likely benign
1029	c. 956A>G	rs397507258	Benign	Likely benign
1030	c. 951A>G	rs759419385	Benign	Likely benign
1031	c. 945G>A	rs1555592789	Pathogenic	Likely benign
1032	c. 937T>C	rs1131692072	Benign	Likely benign
1033	c. 936C>T		Benign	Likely benign
1034	c. 927A>G	rs757936216	Benign	Likely benign
1035	c. 918T>C	rs1555592835	Benign	Likely benign
1036	c. 888A>G	rs1555592914	Benign	Likely benign
1037	c. 885C>T	rs1060504557	Benign	Likely benign
1038	c. 879T>G	rs139433219	Benign	Likely benign
1039	c. 876C>T	rs771001707	Benign	Likely benign
1040	c. 843C>T		Benign	Likely benign
1041	c. 837T>C	rs775477245	Benign	Likely benign
1042	c. 834T>A		Pathogenic	Likely benign
1043	c. 834T>G	rs762956862	Benign	Likely benign
1044	c. 828A>G	rs186274774	Benign	Likely benign
1045	c. 825C>T	rs397509328	Benign	Likely benign
1046	c. 819A>G	rs779225364	Benign	Likely benign
1047	c. 810T>C	rs778359104	Benign	Likely benign
1048	c. 804C>T	rs771076131	Benign	Likely benign
1049	c. 789T>C	rs397509320	Benign	Likely benign
1050	c. 786G>A	rs397509317	Pathogenic	Likely benign
1051	c. 768G>A	rs746067447	Benign	Likely benign
1052	c. 766A>C	rs587781833	Benign	Likely benign
1053	c. 765G>A	rs62625299	Pathogenic	Likely benign
1054	c. 762T>C	rs1555593173	Benign	Likely benign
1055	c. 759A>T	rs1131692069	Pathogenic	Likely benign
1056	c. 756T>C	rs786201338	Benign	Likely benign
1057	c. 750G>A	rs762867923	Pathogenic	Likely benign
1058	c. 744C>T	rs886037791	Benign	Likely benign
1059	c. 744C>G	rs886037791	Benign	Likely benign
1060	c. 741C>T		Benign	Likely benign
1061	c. 739A>G	rs767720128	Benign	Likely benign
1062	c. 738G>A	rs768416164	Pathogenic	Likely benign
1063	c. 736T>C	rs28897675	Benign	Likely benign
1064	c. 705T>C	rs1165432483	Benign	Likely benign
1065	c. 699A>G	rs786202162	Pathogenic	Likely benign
1066	c. 696T>C	rs1057523563	Benign	Likely benign
1067	c. 693G>T	rs62625298	Benign	Likely benign
1068	c. 693G>A	rs62625298	Benign	Likely benign
1069	c. 675T>G	rs1555593332	Benign	Likely benign
1070	c. 671-11T>C		Benign	Likely benign
1071	c. 670+18C>A		Benign	Likely benign
1072	c. 670+8C>T	rs80358050	Pathogenic	Likely benign
1073	c. 669G>A	rs1131692066	Pathogenic	Likely benign
1074	c. 654G>A	rs1555593548	Pathogenic	Likely benign
1075	c. 652T>C	rs765950064	Benign	Likely benign
1076	c. 639G>A	rs1131692078	Benign	Likely benign
1077	c. 621C>T	rs1555593586	Benign	Likely benign
1078	c. 618A>G		Benign	Likely benign
1079	c. 615A>G		Pathogenic	Likely benign

1080	c. 612G>A		Pathogenic	Likely benign
1081	c. 603T>C	rs786201512	Benign	Likely benign
1082	c. 600A>G	rs1555593617	Pathogenic	Likely benign
1083	c. 588T>C	rs1131692071	Benign	Likely benign
1084	c. 579G>A	rs759197544	Benign	Likely benign
1085	c. 576T>C	rs1555594046	Benign	Likely benign
1086	c. 570C>A	rs201536070	Benign	Likely benign
1087	c. 570C>T	rs201536070	Benign	Likely benign
1088	c. 567T>C	rs80356845	Benign	Likely benign
1089	c. 564A>G	rs768065826	Benign	Likely benign
1090	c. 549A>C	rs1555594077	Benign	Likely benign
1091	c. 547+16T>G		Benign	Likely benign
1092	c. 546G>A		Benign	Likely benign
1093	c. 543A>G	rs397507250	Benign	Likely benign
1094	c. 528G>A	rs34545365	Benign	Likely benign
1095	c. 525G>A	rs1555594837	Pathogenic	Likely benign
1096	c. 522A>G	rs765432756	Benign	Likely benign
1097	c. 519T>A	rs876659179	Benign	Likely benign
1098	c. 516A>G	rs752940034	Benign	Likely benign
1099	c. 511A>G	rs777515082	Benign	Likely benign
1100	c. 508C>A		Benign	Likely benign
1101	c. 507G>A	rs759882045	Benign	Likely benign
1102	c. 495G>A	rs745321499	Pathogenic	Likely benign
1103	c. 486G>T	rs769213707	Pathogenic	Likely benign
1104	c. 483T>C	rs1060504575	Benign	Likely benign
1105	c. 477T>C	rs779704727	Benign	Likely benign
1106	c. 468C>G	rs748923729	Benign	Likely benign
1107	c. 459T>C	rs1555594962	Benign	Likely benign
1108	c. 439T>C	rs794727800	Benign	Likely benign
1109	c. 438C>T	rs1555596287	Benign	Likely benign
1110	c. 426C>G		Benign	Likely benign
1111	c. 426C>T	rs542687218	Benign	Likely benign
1112	c. 420T>C	rs730881448	Benign	Likely benign
1113	c. 414A>G		Pathogenic	Likely benign
1114	c. 411T>C	rs1258746087	Benign	Likely benign
1115	c. 399T>C	rs1555596341	Benign	Likely benign
1116	c. 397C>A	rs80357457	Benign	Likely benign
1117	c. 390C>T	rs80356888	Benign	Likely benign
1118	c. 378A>G	rs786201256	Benign	Likely benign
1119	c. 375C>T	rs1311672121	Benign	Likely benign
1120	c. 372C>A	rs273900715	Pathogenic	Likely benign
1121	c. 369T>A	rs774583925	Benign	Likely benign
1122	c. 366T>G	rs190900046	Benign	Likely benign
1123	c. 363A>G	rs1060504552	Benign	Likely benign
1124	c. 354A>G	rs1320340280	Pathogenic	Likely benign
1125	c. 342T>C		Benign	Likely benign
1126	c. 339C>T	rs587779367	Benign	Likely benign
1127	c. 330G>A	rs878854947	Benign	Likely benign
1128	c. 309C>T	rs876659814	Benign	Likely benign
1129	c. 303T>C	rs80356936	Benign	Likely benign
1130	c. 301+13T>A		Benign	Likely benign
1131	c. 300G>A	rs1555596638	Benign	Likely benign
1132	c. 291A>C		Benign	Likely benign
1133	c. 291A>G	rs1131692085	Pathogenic	Likely benign

1134	c. 288C>T	rs146085503	Benign	Likely benign
1135	c. 282G>T		Benign	Likely benign
1136	c. 270T>C	rs1555596670	Benign	Likely benign
1137	c. 267C>G	rs80356963	Pathogenic	Likely benign
1138	c. 261G>A	rs757971617	Pathogenic	Likely benign
1139	c. 259T>C	rs80357091	Benign	Likely benign
1140	c. 258A>T	rs777491912	Benign	Likely benign
1141	c. 258A>G	rs777491912	Pathogenic	Likely benign
1142	c. 255G>A	rs756499058	Benign	Likely benign
1143	c. 249T>C	rs780485347	Benign	Likely benign
1144	c. 243A>G	rs863224418	Benign	Likely benign
1145	c. 231G>A	rs80356847	Benign	Likely benign
1146	c. 231G>C	rs80356847	Benign	Likely benign
1147	c. 231G>T	rs80356847	Benign	Likely benign
1148	c. 222A>G	rs730881465	Benign	Likely benign
1149	c. 219A>G	rs876659123	Pathogenic	Likely benign
1150	c. 217C>T	rs786201203	Benign	Likely benign
1151	c. 216C>T		Benign	Likely benign
1152	c. 212+14T>G		Benign	Likely benign
1153	c. 212+10T>G	rs80358174	Benign	Likely benign
1154	c. 183T>C	rs895070717	Benign	Likely benign
1155	c. 171G>T	rs1057523606	Pathogenic	Likely benign
1156	c. 159C>T	rs1060504588	Benign	Likely benign
1157	c. 153T>G	rs1131692081	Pathogenic	Likely benign
1158	c. 150A>G	rs1555597289	Benign	Likely benign
1159	c. 147G>A	rs1555597297	Pathogenic	Likely benign
1160	c. 141C>T	rs398122635	Benign	Likely benign
1161	c. 134+9G>A		Pathogenic	Likely benign
1162	c. 123C>T	rs786202211	Benign	Likely benign
1163	c. 120C>T	rs1060504580	Benign	Likely benign
1164	c. 111A>C		Benign	Likely benign
1165	c. 111A>G	rs1293537445	Benign	Likely benign
1166	c. 102T>G	rs1555599260	Benign	Likely benign
1167	c. 87G>A		Benign	Likely benign
1168	c. 84G>A	rs1555599278	Benign	Likely benign
1169	c. 82C>T		Benign	Likely benign
1170	c. 81-4C>T		Benign	Likely benign
1171	c. 81-14C>A		Benign	Likely benign
1172	c. 81-16C>T		Benign	Likely benign
1173	c. 78C>T	rs1555600862	Benign	Likely benign
1174	c. 75C>T	rs80356839	Benign	Likely benign
1175	c. 69G>A	rs766004110	Benign	Likely benign
1176	c. 66A>G	rs786202533	Pathogenic	Likely benign
1177	c. 64T>C		Benign	Likely benign
1178	c. 63C>T	rs1555600921	Benign	Likely benign
1179	c. 61A>G	rs80357406	Benign	Likely benign
1180	c. 60A>G	rs202168814	Benign	Likely benign
1181	c. 48T>C		Benign	Likely benign
1182	c. 42C>T	rs80356827	Benign	Likely benign
1183	c. 42C>A	rs80356827	Benign	Likely benign
1184	c. 36A>G	rs763230080	Benign	Likely benign
1185	c. 33A>G	rs1555601010	Pathogenic	Likely benign
1186	c. 15T>C		Benign	Likely benign
1187	c. 9A>G		Pathogenic	Likely benign

1188	c. 6T>C	rs754763517	Benign	Likely benign
1189	c. -17C>T		Benign	Likely benign
1190	c. -19-10T>C	rs201866997	Benign	Likely benign
1191	c. -20+57G>A	rs556032779	Benign	Likely benign
1192	c. -20+55G>A	rs772215665	Benign	Likely benign
1193	c. -20+28G>A		Benign	Likely benign
1194	c. -20+13C>G		Benign	Likely benign
1195	c. -20+13C>T	rs770368390	Benign	Likely benign
1196	c. -20+11C>T	rs273898672	Benign	Likely benign
1197	c. -25G>A	rs1057520890	Benign	Likely benign
1198	c. -26G>T	rs1057522752	Benign	Likely benign
1199	c. -29C>G	rs774839252	Benign	Likely benign
1200	c. -37C>T	rs1057524754	Benign	Likely benign
1201	c. -38C>T	rs1555601360	Benign	Likely benign
1202	c. -45G>C	rs1057521869	Benign	Likely benign
1203	c. -49G>A	rs1057523081	Benign	Likely benign
1204	c. -53C>T		Benign	Likely benign
1205	c. 5558A>G	rs80357258	Pathogenic	Likely pathogenic
1206	c. 5527G>C	rs80357019	Pathogenic	Likely pathogenic
1207	c. 5521A>C	rs80357299	Benign	Likely pathogenic
1208	c. 5513T>G	rs80357107	Benign	Likely pathogenic
1209	c. 5509T>G	rs80356959	Benign	Likely pathogenic
1210	c. 5497G>A	rs80357268	Pathogenic	Likely Pathogenic
1211	c. 5434C>G	rs1800751	Benign	Likely Pathogenic
1212	c. 5426T>A		Benign	Likely pathogenic
1213	c. 5425G>T	rs28897698	Benign	Likely pathogenic
1214	c. 5408G>C	rs80357149	Benign	Likely Pathogenic
1215	c. 5407-1G>A	rs80358029	Pathogenic	Likely Pathogenic
1216	c. 5363G>C	rs80357069	Benign	Likely pathogenic
1217	c. 5362G>T	rs397509271	Benign	Likely pathogenic
1218	c. 5339T>C	rs80357474	Benign	Likely Pathogenic
1219	c. 5307T>G	rs397509258	Benign	Likely pathogenic
1220	c. 5278-2A>G	rs397509253	Pathogenic	Likely Pathogenic
1221	c. 5277G>T	rs80356854	Benign	Likely pathogenic
1222	c. 5254G>C	rs80357074	Benign	Likely pathogenic
1223	c. 5252G>C	rs80357442	Benign	Likely pathogenic
1224	c. 5243G>A	rs397509243	Pathogenic	Likely pathogenic
1225	c. 5213G>A	rs80357450	Pathogenic	Likely Pathogenic
1226	c. 5207T>G	rs45553935	Benign	Likely Pathogenic
1227	c. 5194-2A>G	rs80358069	Pathogenic	Likely Pathogenic
1228	c. 5193+1G>T	rs80358004	Pathogenic	Likely Pathogenic
1229	c. 5165C>T	rs80357104	Benign	Likely Pathogenic
1230	c. 5164T>C	rs483353100	Benign	Likely pathogenic
1231	c. 5154G>T	rs80357239	Benign	Likely pathogenic
1232	c. 5153G>C	rs41293461	Pathogenic	Likely pathogenic
1233	c. 5141T>G	rs80357243	Benign	Likely pathogenic
1234	c. 5116G>A	rs886040864	Pathogenic	Likely Pathogenic
1235	c. 5114T>C	rs397507242	Benign	Likely Pathogenic
1236	c. 5098A>G	rs397509227	Benign	Likely pathogenic
1237	c. 5075-1G>A	rs1800747	Pathogenic	Likely Pathogenic
1238	c. 5075-3C>G	rs398122690	Benign	Likely pathogenic
1239	c. 5074+3A>G	rs80358181	Pathogenic	Likely Pathogenic
1240	c. 5074G>A	rs80187739	Pathogenic	Likely Pathogenic
1241	c. 5072C>T	rs80357034	Benign	Likely pathogenic

1242	c. 5072C>A	rs80357034	Benign	Likely pathogenic
1243	c. 5066T>G	rs80357061	Benign	Likely Pathogenic
1244	c. 5057A>G	rs730882166	Pathogenic	Likely Pathogenic
1245	c. 4986+6T>C	rs80358086	Benign	Likely Pathogenic
1246	c. 4986+4A>C	rs80358087	Benign	Likely Pathogenic
1247	c. 4986+3G>C	rs80358023	Benign	Likely Pathogenic
1248	c. 4964C>T	rs80357390	Benign	Likely Pathogenic
1249	c. 4888G>T	rs1173155015	Pathogenic	Likely pathogenic
1250	c. 4868C>G	rs80356862	Benign	Likely Pathogenic
1251	c. 4675G>C	rs80356988	Benign	Likely Pathogenic
1252	c. 4485-1G>A	rs80358189	Pathogenic	Likely Pathogenic
1253	c. 4485-2A>G	rs80358054	Pathogenic	Likely Pathogenic
1254	c. 4484G>A	rs80357389	Pathogenic	Likely Pathogenic
1255	c. 4358-2786G>A	rs374435098	Pathogenic	Likely pathogenic
1256	c. 4232T>C	rs273900729	Benign	Likely pathogenic
1257	c. 4224G>C		Benign	Likely pathogenic
1258	c. 4185G>C	rs80356857	Benign	Likely pathogenic
1259	c. 4093T>G	rs1567788936	Benign	Likely pathogenic
1260	c. 2351C>A	rs55914168	Benign	Likely pathogenic
1261	c. 869T>A	rs730881468	Benign	Likely Pathogenic
1262	c. 688G>T	rs1555593310	Pathogenic	Likely Pathogenic
1263	c. 671-1G>T	rs80358020	Benign	Likely Pathogenic
1264	c. 614T>G	rs1555593598	Benign	Likely pathogenic
1265	c. 441+2T>A	rs397509173	Pathogenic	Likely Pathogenic
1266	c. 287A>G	rs864622444	Benign	Likely pathogenic
1267	c. 212+3A>T		Benign	Likely pathogenic
1268	c. 212G>T	rs80356913	Benign	Likely Pathogenic
1269	c. 192T>G	rs587781632	Benign	Likely Pathogenic
1270	c. 182G>A	rs80357093	Pathogenic	Likely Pathogenic
1271	c. 181T>C	rs28897672	Benign	Likely Pathogenic
1272	c. 140G>T	rs80357150	Benign	Likely Pathogenic
1273	c. 139T>G	rs80357370	Benign	Likely pathogenic
1274	c. 134+5G>T	rs80358038	Benign	Likely pathogenic
1275	c. 134+5G>A	rs80358038	Benign	Likely pathogenic
1276	c. 134+5G>C	rs80358038	Benign	Likely pathogenic
1277	c. 132C>G		Benign	Likely pathogenic
1278	c. 116G>T	rs80357498	Benign	Likely Pathogenic
1279	c. 115T>G	rs80357164	Benign	Likely Pathogenic
1280	c. 115T>A	rs80357164	Benign	Likely Pathogenic
1281	c. 110C>G	rs80356880	Benign	Likely pathogenic
1282	c. 72T>G		Benign	Likely pathogenic
1283	c. 70T>C	rs80357410	Benign	Likely Pathogenic
1284	c. [-1A>G; 3G>A]	rs80357475 rs58	Pathogenic	Likely pathogenic
1285	c. 3G>A	rs80357475	Pathogenic	Likely Pathogenic
1286	c. 2T>C	rs80357111	Benign	Likely Pathogenic
1287	c. 5565A>T		Benign	not provided
1288	c. 5565A>G		Pathogenic	not provided
1289	c. 5564T>G		Benign	not provided
1290	c. 5564T>A		Benign	not provided
1291	c. 5563A>T		Benign	not provided
1292	c. 5563A>G		Benign	not provided
1293	c. 5563A>C		Benign	not provided
1294	c. 5562G>T		Pathogenic	not provided
1295	c. 5562G>C		Benign	not provided

1296 c. 5561T>G
1297 c. 5561T>A
1298 c. 5560C>T
1299 c. 5560C>G
1300 c. 5560C>A
1301 c. 5559C>T
1302 c. 5558A>T
1303 c. 5558A>C
1304 c. 5557T>G
1305 c. 5557T>C
1306 c. 5557T>A
1307 c. 5556C>A
1308 c. 5556C>T
1309 c. 5555C>G
1310 c. 5555C>A
1311 c. 5554A>T
1312 c. 5554A>C
1313 c. 5553C>G
1314 c. 5552A>T
1315 c. 5552A>G
1316 c. 5552A>C
1317 c. 5551G>T
1318 c. 5551G>C
1319 c. 5550G>T
1320 c. 5549T>G
1321 c. 5549T>C
1322 c. 5549T>A
1323 c. 5548C>T
1324 c. 5548C>G
1325 c. 5548C>A
1326 c. 5547G>T
1327 c. 5547G>C
1328 c. 5546A>T
1329 c. 5546A>G
1330 c. 5546A>C
1331 c. 5545G>T
1332 c. 5545G>C
1333 c. 5545G>A
1334 c. 5544G>T
1335 c. 5544G>C
1336 c. 5544G>A
1337 c. 5543A>T
1338 c. 5543A>G
1339 c. 5543A>C
1340 c. 5542C>G
1341 c. 5542C>A
1342 c. 5541C>G
1343 c. 5540G>C
1344 c. 5540G>A
1345 c. 5539T>G
1346 c. 5539T>C
1347 c. 5539T>A
1348 c. 5538G>T
1349 c. 5537A>T

Benign	not provided
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Pathogenic	not provided
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Pathogenic	not provided

1350 c. 5537A>G
1351 c. 5537A>C
1352 c. 5536C>G
1353 c. 5535C>T
1354 c. 5534A>T
1355 c. 5534A>C
1356 c. 5533T>G
1357 c. 5533T>C
1358 c. 5533T>A
1359 c. 5532C>G
1360 c. 5532C>A
1361 c. 5531T>A
1362 c. 5530C>T
1363 c. 5530C>G
1364 c. 5529A>T
1365 c. 5528C>G
1366 c. 5527G>T
1367 c. 5527G>A
1368 c. 5526A>T
1369 c. 5526A>C
1370 c. 5525T>G
1371 c. 5525T>C
1372 c. 5524G>C
1373 c. 5524G>A
1374 c. 5524G>T
1375 c. 5523T>G
1376 c. 5523T>A
1377 c. 5522G>T
1378 c. 5521A>T
1379 c. 5520C>T
1380 c. 5520C>G
1381 c. 5520C>A
1382 c. 5519A>T
1383 c. 5519A>G
1384 c. 5518G>C
1385 c. 5517G>T
1386 c. 5517G>C
1387 c. 5516T>A
1388 c. 5515T>G
1389 c. 5515T>C
1390 c. 5514G>C
1391 c. 5514G>A
1392 c. 5513T>C
1393 c. 5512G>C
1394 c. 5510G>T
1395 c. 5510G>C
1396 c. 5508G>T
1397 c. 5508G>C
1398 c. 5508G>A
1399 c. 5507A>T
1400 c. 5507A>G
1401 c. 5507A>C
1402 c. 5506G>C
1403 c. 5505A>T

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Pathogenic	not provided

1404	c. 5505A>G	Pathogenic	not provided
1405	c. 5505A>C	Benign	not provided
1406	c. 5504G>T	Benign	not provided
1407	c. 5503C>G	Benign	not provided
1408	c. 5503C>A	Benign	not provided
1409	c. 5502C>G	Pathogenic	not provided
1410	c. 5502C>A	Pathogenic	not provided
1411	c. 5501C>G	Benign	not provided
1412	c. 5500A>T	Benign	not provided
1413	c. 5500A>G	Benign	not provided
1414	c. 5500A>C	Benign	not provided
1415	c. 5499G>T	Pathogenic	not provided
1416	c. 5499G>C	Benign	not provided
1417	c. 5499G>A	Pathogenic	not provided
1418	c. 5498T>A	Benign	not provided
1419	c. 5497G>C	Benign	not provided
1420	c. 5495T>G	Benign	not provided
1421	c. 5495T>C	Benign	not provided
1422	c. 5494G>C	Benign	not provided
1423	c. 5493T>G	Benign	not provided
1424	c. 5493T>C	Benign	not provided
1425	c. 5493T>A	Benign	not provided
1426	c. 5492C>T	Benign	not provided
1427	c. 5492C>A	Pathogenic	not provided
1428	c. 5491C>T	Benign	not provided
1429	c. 5491C>G	Benign	not provided
1430	c. 5491C>A	Benign	not provided
1431	c. 5490A>T	Benign	not provided
1432	c. 5490A>G	Benign	not provided
1433	c. 5490A>C	Benign	not provided
1434	c. 5489C>T	Benign	not provided
1435	c. 5489C>G	Benign	not provided
1436	c. 5489C>A	Benign	not provided
1437	c. 5488G>C	Benign	not provided
1438	c. 5488G>T	Benign	not provided
1439	c. 5487G>T	Benign	not provided
1440	c. 5487G>C	Benign	not provided
1441	c. 5487G>A	Pathogenic	not provided
1442	c. 5486A>T	Pathogenic	not provided
1443	c. 5486A>G	Pathogenic	not provided
1444	c. 5486A>C	Benign	not provided
1445	c. 5485G>T	Pathogenic	not provided
1446	c. 5485G>C	Benign	not provided
1447	c. 5484T>G	Benign	not provided
1448	c. 5484T>C	Benign	not provided
1449	c. 5484T>A	Benign	not provided
1450	c. 5483G>T	Benign	not provided
1451	c. 5483G>C	Pathogenic	not provided
1452	c. 5483G>A	Pathogenic	not provided
1453	c. 5482T>C	Benign	not provided
1454	c. 5482T>A	Benign	not provided
1455	c. 5481G>T	Benign	not provided
1456	c. 5481G>C	Benign	not provided
1457	c. 5480T>G	Benign	not provided

1512	c. 5467+24G>C	Benign	not provided
1513	c. 5467+23T>G	Benign	not provided
1514	c. 5467+23T>C	Benign	not provided
1515	c. 5467+23T>A	Benign	not provided
1516	c. 5467+22G>T	Benign	not provided
1517	c. 5467+22G>A	Pathogenic	not provided
1518	c. 5467+21T>G	Benign	not provided
1519	c. 5467+21T>C	Benign	not provided
1520	c. 5467+21T>A	Benign	not provided
1521	c. 5467+20C>T	Benign	not provided
1522	c. 5467+20C>G	Benign	not provided
1523	c. 5467+20C>A	Pathogenic	not provided
1524	c. 5467+19C>T	Benign	not provided
1525	c. 5467+19C>G	Benign	not provided
1526	c. 5467+19C>A	Pathogenic	not provided
1527	c. 5467+18A>T	Benign	not provided
1528	c. 5467+18A>G	Pathogenic	not provided
1529	c. 5467+18A>C	Benign	not provided
1530	c. 5467+17T>G	Benign	not provided
1531	c. 5467+17T>C	Benign	not provided
1532	c. 5467+17T>A	Benign	not provided
1533	c. 5467+16G>T	Benign	not provided
1534	c. 5467+16G>C	Benign	not provided
1535	c. 5467+16G>A	Pathogenic	not provided
1536	c. 5467+15T>G	Benign	not provided
1537	c. 5467+15T>A	Benign	not provided
1538	c. 5467+14A>T	Benign	not provided
1539	c. 5467+14A>C	Benign	not provided
1540	c. 5467+13C>G	Benign	not provided
1541	c. 5467+13C>A	Benign	not provided
1542	c. 5467+13C>T	Benign	not provided
1543	c. 5467+12G>T	Benign	not provided
1544	c. 5467+12G>C	Benign	not provided
1545	c. 5467+11T>G	Benign	not provided
1546	c. 5467+11T>C	Benign	not provided
1547	c. 5467+11T>A	Benign	not provided
1548	c. 5467+10C>T	Benign	not provided
1549	c. 5467+10C>G	Benign	not provided
1550	c. 5467+10C>A	Benign	not provided
1551	c. 5467+9C>G	Benign	not provided
1552	c. 5467+8G>C	Benign	not provided
1553	c. 5467+7T>G	Benign	not provided
1554	c. 5467+7T>C	Benign	not provided
1555	c. 5467+7T>A	Benign	not provided
1556	c. 5467+6G>T	Pathogenic	not provided
1557	c. 5467+6G>C	Benign	not provided
1558	c. 5467+6G>A	Pathogenic	not provided
1559	c. 5467+5G>A	Pathogenic	not provided
1560	c. 5467+4A>T	Pathogenic	not provided
1561	c. 5467+4A>C	Benign	not provided
1562	c. 5467+3A>T	Benign	not provided
1563	c. 5467+3A>G	Pathogenic	not provided
1564	c. 5467+2T>A	Pathogenic	not provided
1565	c. 5467+1G>T	Pathogenic	not provided

1566 c. 5467+1G>C
1567 c. 5467G>T
1568 c. 5467G>C
1569 c. 5466T>G
1570 c. 5466T>A
1571 c. 5465A>T
1572 c. 5465A>G
1573 c. 5465A>C
1574 c. 5464C>T
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1577 c. 5463C>T
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1580 c. 5462T>G
1581 c. 5462T>C
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1583 c. 5461T>G
1584 c. 5461T>C
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1586 c. 5460C>T
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1588 c. 5460C>A
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1590 c. 5459G>C
1591 c. 5459G>A
1592 c. 5458G>C
1593 c. 5458G>T
1594 c. 5457T>G
1595 c. 5457T>A
1596 c. 5456A>T
1597 c. 5456A>C
1598 c. 5455A>T
1599 c. 5455A>G
1600 c. 5455A>C
1601 c. 5454C>G
1602 c. 5454C>A
1603 c. 5453A>T
1604 c. 5453A>C
1605 c. 5452G>T
1606 c. 5452G>C
1607 c. 5452G>A
1608 c. 5451G>T
1609 c. 5451G>C
1610 c. 5450A>G
1611 c. 5450A>C
1612 c. 5450A>T
1613 c. 5449G>C
1614 c. 5449G>A
1615 c. 5448A>T
1616 c. 5448A>C
1617 c. 5447C>T
1618 c. 5446A>T
1619 c. 5446A>G

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1620 c. 5446A>C
1621 c. 5445G>T
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1623 c. 5444G>T
1624 c. 5443T>G
1625 c. 5443T>C
1626 c. 5443T>A
1627 c. 5442C>T
1628 c. 5442C>G
1629 c. 5442C>A
1630 c. 5441C>T
1631 c. 5441C>G
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1634 c. 5440G>A
1635 c. 5439T>G
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1637 c. 5438A>G
1638 c. 5438A>C
1639 c. 5437G>C
1640 c. 5437G>A
1641 c. 5436A>T
1642 c. 5436A>G
1643 c. 5436A>C
1644 c. 5435C>T
1645 c. 5435C>G
1646 c. 5435C>A
1647 c. 5434C>A
1648 c. 5434C>T
1649 c. 5433G>T
1650 c. 5433G>A
1651 c. 5432A>T
1652 c. 5432A>C
1653 c. 5431C>G
1654 c. 5431C>A
1655 c. 5430G>T
1656 c. 5430G>C
1657 c. 5429T>A
1658 c. 5428G>T
1659 c. 5428G>C
1660 c. 5428G>A
1661 c. 5427T>G
1662 c. 5427T>C
1663 c. 5427T>A
1664 c. 5422G>C
1665 c. 5421T>G
1666 c. 5421T>C
1667 c. 5421T>A
1668 c. 5420T>G
1669 c. 5420T>C
1670 c. 5420T>A
1671 c. 5419A>C
1672 c. 5418A>T
1673 c. 5418A>G

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Pathogenic	not provided
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1674	c. 5417C>T	rs397509281	Benign	not provided
1675	c. 5417C>G		Benign	not provided
1676	c. 5417C>A		Benign	not provided
1677	c. 5416C>A		Pathogenic	not provided
1678	c. 5415C>G		Benign	not provided
1679	c. 5415C>A		Benign	not provided
1680	c. 5414A>T		Benign	not provided
1681	c. 5414A>G		Benign	not provided
1682	c. 5414A>C		Benign	not provided
1683	c. 5413C>G		Benign	not provided
1684	c. 5413C>A		Benign	not provided
1685	c. 5412C>G		Benign	not provided
1686	c. 5412C>A		Benign	not provided
1687	c. 5411T>G		Benign	not provided
1688	c. 5411T>C		Benign	not provided
1689	c. 5410G>A		Pathogenic	not provided
1690	c. 5410G>T		Benign	not provided
1691	c. 5410G>C		Benign	not provided
1692	c. 5409T>G		Benign	not provided
1693	c. 5409T>C		Benign	not provided
1694	c. 5409T>A		Benign	not provided
1695	c. 5408G>A		Pathogenic	not provided
1696	c. 5407G>C		Pathogenic	not provided
1697	c. 5407-1G>T		Benign	not provided
1698	c. 5407-2A>C		Benign	not provided
1699	c. 5407-3C>T		Benign	not provided
1700	c. 5407-3C>G		Benign	not provided
1701	c. 5407-3C>A		Pathogenic	not provided
1702	c. 5407-4C>T		Benign	not provided
1703	c. 5407-4C>A		Benign	not provided
1704	c. 5407-5T>G		Benign	not provided
1705	c. 5407-5T>C		Benign	not provided
1706	c. 5407-5T>A		Benign	not provided
1707	c. 5407-6A>T		Benign	not provided
1708	c. 5407-6A>G		Benign	not provided
1709	c. 5407-6A>C		Benign	not provided
1710	c. 5407-7G>T		Pathogenic	not provided
1711	c. 5407-7G>C		Benign	not provided
1712	c. 5407-8G>C		Benign	not provided
1713	c. 5407-8G>A		Benign	not provided
1714	c. 5407-9G>T		Benign	not provided
1715	c. 5407-10G>T		Benign	not provided
1716	c. 5407-10G>C		Benign	not provided
1717	c. 5407-11T>G		Benign	not provided
1718	c. 5407-11T>C		Benign	not provided
1719	c. 5407-11T>A		Benign	not provided
1720	c. 5407-12C>T		Benign	not provided
1721	c. 5407-12C>G		Benign	not provided
1722	c. 5407-12C>A		Benign	not provided
1723	c. 5407-13C>T		Benign	not provided
1724	c. 5407-13C>G		Benign	not provided
1725	c. 5407-13C>A		Benign	not provided
1726	c. 5407-14T>G		Benign	not provided
1727	c. 5407-14T>C		Benign	not provided

1782 c. 5399T>C
 1783 c. 5399T>A
 1784 c. 5398C>G
 1785 c. 5398C>A
 1786 c. 5398C>T
 1787 c. 5397C>G
 1788 c. 5397C>A
 1789 c. 5396C>G
 1790 c. 5396C>A
 1791 c. 5395A>T
 1792 c. 5395A>G
 1793 c. 5395A>C
 1794 c. 5394C>G
 1795 c. 5394C>A
 1796 c. 5393T>G
 1797 c. 5393T>C
 1798 c. 5393T>A
 1799 c. 5392T>G
 1800 c. 5392T>C
 1801 c. 5392T>A
 1802 c. 5391A>T
 1803 c. 5391A>G
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 1805 c. 5389T>G
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 1809 c. 5388A>C
 1810 c. 5387C>G
 1811 c. 5386T>G
 1812 c. 5386T>C
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 1814 c. 5385T>G
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 1821 c. 5382G>T
 1822 c. 5381A>T
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 1826 c. 5380G>A
 1827 c. 5379G>T
 1828 c. 5379G>C
 1829 c. 5379G>A
 1830 c. 5378A>T
 1831 c. 5378A>G
 1832 c. 5377A>C
 1833 c. 5377A>G
 1834 c. 5376G>T
 1835 c. 5376G>C

rs397509275

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1836	c. 5375T>G	rs864622244	Benign	not provided
1837	c. 5375T>C		Benign	not provided
1838	c. 5375T>A		Benign	not provided
1839	c. 5374G>T		Benign	not provided
1840	c. 5373G>T		Benign	not provided
1841	c. 5373G>C		Benign	not provided
1842	c. 5373G>A		Pathogenic	not provided
1843	c. 5372T>G		Benign	not provided
1844	c. 5372T>A		Benign	not provided
1845	c. 5371G>C		Benign	not provided
1846	c. 5370T>G		Benign	not provided
1847	c. 5370T>C		Benign	not provided
1848	c. 5370T>A		Benign	not provided
1849	c. 5369C>T		Benign	not provided
1850	c. 5369C>G		Pathogenic	not provided
1851	c. 5369C>A		Pathogenic	not provided
1852	c. 5368T>G		Benign	not provided
1853	c. 5368T>A		Benign	not provided
1854	c. 5367T>G		Benign	not provided
1855	c. 5367T>A		Pathogenic	not provided
1856	c. 5366C>G		Benign	not provided
1857	c. 5366C>A	rs397509269	Benign	not provided
1858	c. 5366C>T		Benign	not provided
1859	c. 5364T>G		Benign	not provided
1860	c. 5364T>C		Benign	not provided
1861	c. 5364T>A		Benign	not provided
1862	c. 5362G>C		Benign	not provided
1863	c. 5362G>A		Pathogenic	not provided
1864	c. 5361T>G		Benign	not provided
1865	c. 5361T>C		Benign	not provided
1866	c. 5361T>A		Benign	not provided
1867	c. 5360G>T		Benign	not provided
1868	c. 5360G>C		Pathogenic	not provided
1869	c. 5359T>G		Benign	not provided
1870	c. 5359T>C		Benign	not provided
1871	c. 5358G>T		Benign	not provided
1872	c. 5358G>A		Pathogenic	not provided
1873	c. 5357T>G		Benign	not provided
1874	c. 5357T>A		Benign	not provided
1875	c. 5356C>G		Benign	not provided
1876	c. 5356C>A		Benign	not provided
1877	c. 5355G>C		Benign	not provided
1878	c. 5355G>A		Pathogenic	not provided
1879	c. 5355G>T		Benign	not provided
1880	c. 5354A>T		Pathogenic	not provided
1881	c. 5354A>G		Pathogenic	not provided
1882	c. 5353C>G		Benign	not provided
1883	c. 5353C>A		Pathogenic	not provided
1884	c. 5352A>C		Benign	not provided
1885	c. 5351T>G		Pathogenic	not provided
1886	c. 5351T>C		Benign	not provided
1887	c. 5351T>A		Pathogenic	not provided
1888	c. 5350G>T		Pathogenic	not provided
1889	c. 5350G>C		Pathogenic	not provided

1944 c. 5333-13A>C
1945 c. 5332+23G>T
1946 c. 5332+23G>C
1947 c. 5332+23G>A
1948 c. 5332+22A>T
1949 c. 5332+22A>G
1950 c. 5332+22A>C
1951 c. 5332+21C>T
1952 c. 5332+21C>G
1953 c. 5332+21C>A
1954 c. 5332+20C>T
1955 c. 5332+19C>A
1956 c. 5332+18C>T
1957 c. 5332+18C>G
1958 c. 5332+17A>T
1959 c. 5332+17A>G
1960 c. 5332+17A>C
1961 c. 5332+16A>T
1962 c. 5332+16A>C
1963 c. 5332+15G>T
1964 c. 5332+15G>A
1965 c. 5332+14A>T
1966 c. 5332+14A>G
1967 c. 5332+14A>C
1968 c. 5332+13G>A
1969 c. 5332+12G>T
1970 c. 5332+12G>A
1971 c. 5332+11G>T
1972 c. 5332+11G>C
1973 c. 5332+10T>G
1974 c. 5332+10T>C
1975 c. 5332+10T>A
1976 c. 5332+9C>T
1977 c. 5332+9C>G
1978 c. 5332+9C>A
1979 c. 5332+8C>G
1980 c. 5332+8C>A
1981 c. 5332+7G>C
1982 c. 5332+7G>A
1983 c. 5332+6A>T
1984 c. 5332+6A>G
1985 c. 5332+6A>C
1986 c. 5332+5G>T
1987 c. 5332+5G>C
1988 c. 5332+4A>T
1989 c. 5332+4A>C
1990 c. 5332+3A>C
1991 c. 5332+3A>T
1992 c. 5332G>T
1993 c. 5331A>T
1994 c. 5331A>G
1995 c. 5331A>C
1996 c. 5330C>G
1997 c. 5330C>A

rs80357112

Benign	not provided
Pathogenic	not provided
Benign	not provided
Pathogenic	not provided
Pathogenic	not provided
Pathogenic	not provided
Benign	not provided
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Pathogenic	not provided
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Benign	not provided
Benign	not provided
Benign	not provided
Pathogenic	not provided
Pathogenic	not provided
Benign	not provided
Benign	not provided
Benign	not provided

2052	c. 5300G>T	Benign	not provided
2053	c. 5300G>A	Pathogenic	not provided
2054	c. 5299T>G	Benign	not provided
2055	c. 5299T>A	Benign	not provided
2056	c. 5298C>T	Benign	not provided
2057	c. 5298C>G	Pathogenic	not provided
2058	c. 5298C>A	Pathogenic	not provided
2059	c. 5297T>C	Benign	not provided
2060	c. 5296A>T	Benign	not provided
2061	c. 5296A>C	Benign	not provided
2062	c. 5295A>T	Pathogenic	not provided
2063	c. 5295A>G	Benign	not provided
2064	c. 5295A>C	Benign	not provided
2065	c. 5294A>T	Pathogenic	not provided
2066	c. 5294A>G	Benign	not provided
2067	c. 5294A>C	Benign	not provided
2068	c. 5293G>C	Benign	not provided
2069	c. 5293G>A	Pathogenic	not provided
2070	c. 5292A>T	Pathogenic	not provided
2071	c. 5292A>G	Pathogenic	not provided
2072	c. 5292A>C	Benign	not provided
2073	c. 5291T>A	Pathogenic	not provided
2074	c. 5290C>G	Benign	not provided
2075	c. 5290C>A	Benign	not provided
2076	c. 5288G>C	Pathogenic	not provided
2077	c. 5286G>T	Benign	not provided
2078	c. 5286G>C	Pathogenic	not provided
2079	c. 5286G>A	Benign	not provided
2080	c. 5284A>T	Pathogenic	not provided
2081	c. 5284A>G	Pathogenic	not provided
2082	c. 5284A>C	Pathogenic	not provided
2083	c. 5283C>T	Benign	not provided
2084	c. 5283C>G	Pathogenic	not provided
2085	c. 5283C>A	Pathogenic	not provided
2086	c. 5282T>A	Benign	not provided
2087	c. 5281T>G	Benign	not provided
2088	c. 5281T>A	Benign	not provided
2089	c. 5280C>G	Benign	not provided
2090	c. 5279T>G	Benign	not provided
2091	c. 5279T>C	Benign	not provided
2092	c. 5279T>A	Benign	not provided
2093	c. 5278A>G	Benign	not provided
2094	c. 5278A>C	Benign	not provided
2095	c. 5278A>T	Benign	not provided
2096	c. 5278-2A>C	Benign	not provided
2097	c. 5278-3C>G	Benign	not provided
2098	c. 5278-3C>A	Pathogenic	not provided
2099	c. 5278-4C>T	Benign	not provided
2100	c. 5278-4C>G	Benign	not provided
2101	c. 5278-4C>A	Benign	not provided
2102	c. 5278-5T>G	Benign	not provided
2103	c. 5278-5T>C	Benign	not provided
2104	c. 5278-5T>A	Benign	not provided
2105	c. 5278-6T>G	Benign	not provided

2106	c. 5278-6T>A	Benign	not provided
2107	c. 5278-7C>T	Benign	not provided
2108	c. 5278-7C>G	Benign	not provided
2109	c. 5278-7C>A	Benign	not provided
2110	c. 5278-8T>G	Benign	not provided
2111	c. 5278-8T>C	Benign	not provided
2112	c. 5278-8T>A	Benign	not provided
2113	c. 5278-9T>G	Benign	not provided
2114	c. 5278-9T>C	Benign	not provided
2115	c. 5278-9T>A	Benign	not provided
2116	c. 5278-10C>T	Benign	not provided
2117	c. 5278-10C>G	Benign	not provided
2118	c. 5278-10C>A	Benign	not provided
2119	c. 5278-11T>G	Benign	not provided
2120	c. 5278-11T>A	Benign	not provided
2121	c. 5278-12C>T	Benign	not provided
2122	c. 5278-12C>A	Benign	not provided
2123	c. 5278-13T>G	Benign	not provided
2124	c. 5278-13T>C	Benign	not provided
2125	c. 5278-13T>A	Benign	not provided
2126	c. 5278-14C>T	Benign	not provided
2127	c. 5278-14C>A	Benign	not provided
2128	c. 5278-15C>T	Benign	not provided
2129	c. 5278-15C>G	Benign	not provided
2130	c. 5278-15C>A	Benign	not provided
2131	c. 5278-16T>G	Benign	not provided
2132	c. 5278-16T>A	Benign	not provided
2133	c. 5278-17T>G	Benign	not provided
2134	c. 5278-17T>C	Benign	not provided
2135	c. 5278-17T>A	Benign	not provided
2136	c. 5278-18C>T	Benign	not provided
2137	c. 5278-18C>A	Benign	not provided
2138	c. 5278-19T>G	Benign	not provided
2139	c. 5278-19T>C	Benign	not provided
2140	c. 5278-20C>G	Benign	not provided
2141	c. 5278-20C>A	Benign	not provided
2142	c. 5278-21T>A	Benign	not provided
2143	c. 5278-21T>G	Benign	not provided
2144	c. 5278-21T>C	Benign	not provided
2145	c. 5278-22C>G	Benign	not provided
2146	c. 5278-22C>A	Benign	not provided
2147	c. 5277+10C>T	Benign	not provided
2148	c. 5277+10C>G	Benign	not provided
2149	c. 5277+9C>T	Benign	not provided
2150	c. 5277+9C>A	Benign	not provided
2151	c. 5277+8T>G	Benign	not provided
2152	c. 5277+8T>C	Benign	not provided
2153	c. 5277+8T>A	Benign	not provided
2154	c. 5277+7C>G	Benign	not provided
2155	c. 5277+7C>A	Benign	not provided
2156	c. 5277+6G>C	Pathogenic	not provided
2157	c. 5277+6G>A	Benign	not provided
2158	c. 5277+5A>G	Benign	not provided
2159	c. 5277+5A>C	Benign	not provided

2160	c. 5277+4A>C	rs80357432	Benign	not provided
2161	c. 5277+3A>T		Benign	not provided
2162	c. 5277+2T>G		Pathogenic	not provided
2163	c. 5277+2T>C		Benign	not provided
2164	c. 5277+2T>A		Pathogenic	not provided
2165	c. 5277G>C		Benign	not provided
2166	c. 5276A>T		Pathogenic	not provided
2167	c. 5276A>C		Benign	not provided
2168	c. 5275A>T		Pathogenic	not provided
2169	c. 5275A>G		Benign	not provided
2170	c. 5275A>C		Benign	not provided
2171	c. 5274A>T		Pathogenic	not provided
2172	c. 5274A>C		Benign	not provided
2173	c. 5273G>T		Pathogenic	not provided
2174	c. 5273G>C		Benign	not provided
2175	c. 5273G>A		Pathogenic	not provided
2176	c. 5272A>T		Pathogenic	not provided
2177	c. 5272A>C		Benign	not provided
2178	c. 5271C>T		Benign	not provided
2179	c. 5271C>G		Benign	not provided
2180	c. 5270A>T		Benign	not provided
2181	c. 5270A>G		Benign	not provided
2182	c. 5270A>C	rs397509246	Benign	not provided
2183	c. 5268G>T		Benign	not provided
2184	c. 5268G>C		Benign	not provided
2185	c. 5267A>C		Benign	not provided
2186	c. 5267A>T		Pathogenic	not provided
2187	c. 5266C>G		Benign	not provided
2188	c. 5266C>A		Pathogenic	not provided
2189	c. 5265C>G		Benign	not provided
2190	c. 5265C>A		Pathogenic	not provided
2191	c. 5264C>G		Pathogenic	not provided
2192	c. 5264C>A		Benign	not provided
2193	c. 5263T>G		Benign	not provided
2194	c. 5263T>C		Benign	not provided
2195	c. 5263T>A		Benign	not provided
2196	c. 5262A>T		Benign	not provided
2197	c. 5262A>G		Benign	not provided
2198	c. 5262A>C		Benign	not provided
2199	c. 5261A>T		Pathogenic	not provided
2200	c. 5261A>G		Benign	not provided
2201	c. 5261A>C		Benign	not provided
2202	c. 5260G>A	rs397509246	Pathogenic	not provided
2203	c. 5259A>C		Benign	not provided
2204	c. 5258G>T		Pathogenic	not provided
2205	c. 5258G>A		Pathogenic	not provided
2206	c. 5257A>T		Pathogenic	not provided
2207	c. 5257A>C		Benign	not provided
2208	c. 5256A>T		Pathogenic	not provided
2209	c. 5256A>G		Benign	not provided
2210	c. 5255C>A		Benign	not provided
2211	c. 5254G>T		Benign	not provided
2212	c. 5253A>T		Pathogenic	not provided
2213	c. 5253A>G		Pathogenic	not provided

2214	c. 5253A>C		Benign	not provided
2215	c. 5250G>T		Benign	not provided
2216	c. 5250G>C		Benign	not provided
2217	c. 5249A>T		Pathogenic	not provided
2218	c. 5249A>G		Benign	not provided
2219	c. 5249A>C		Benign	not provided
2220	c. 5248A>T		Pathogenic	not provided
2221	c. 5248A>G		Benign	not provided
2222	c. 5248A>C		Benign	not provided
2223	c. 5247A>T		Pathogenic	not provided
2224	c. 5247A>G		Benign	not provided
2225	c. 5247A>C		Benign	not provided
2226	c. 5246C>A		Benign	not provided
2227	c. 5245C>T		Benign	not provided
2228	c. 5245C>G	rs397509244	Benign	not provided
2229	c. 5244T>G		Benign	not provided
2230	c. 5244T>C		Benign	not provided
2231	c. 5244T>A		Benign	not provided
2232	c. 5243G>C		Benign	not provided
2233	c. 5242G>A	rs397507245	Pathogenic	not provided
2234	c. 5241A>T		Pathogenic	not provided
2235	c. 5241A>G		Benign	not provided
2236	c. 5241A>C	rs397509242	Benign	not provided
2237	c. 5240A>T		Pathogenic	not provided
2238	c. 5240A>G		Benign	not provided
2239	c. 5240A>C		Benign	not provided
2240	c. 5239C>G		Benign	not provided
2241	c. 5239C>A		Benign	not provided
2242	c. 5238C>T		Benign	not provided
2243	c. 5238C>A		Benign	not provided
2244	c. 5237A>T		Benign	not provided
2245	c. 5237A>G		Benign	not provided
2246	c. 5235C>G		Benign	not provided
2247	c. 5235C>A		Benign	not provided
2248	c. 5235C>T		Benign	not provided
2249	c. 5234A>T		Benign	not provided
2250	c. 5234A>C		Benign	not provided
2251	c. 5233A>T		Pathogenic	not provided
2252	c. 5233A>G		Benign	not provided
2253	c. 5233A>C		Benign	not provided
2254	c. 5232A>T		Pathogenic	not provided
2255	c. 5232A>G		Benign	not provided
2256	c. 5232A>C		Benign	not provided
2257	c. 5231G>T		Pathogenic	not provided
2258	c. 5231G>C		Benign	not provided
2259	c. 5230A>T		Pathogenic	not provided
2260	c. 5230A>G		Benign	not provided
2261	c. 5230A>C		Benign	not provided
2262	c. 5229A>T		Pathogenic	not provided
2263	c. 5229A>G		Benign	not provided
2264	c. 5229A>C		Benign	not provided
2265	c. 5228G>T		Pathogenic	not provided
2266	c. 5228G>A		Pathogenic	not provided
2267	c. 5227G>C		Benign	not provided

2268	c. 5227G>A	Pathogenic	not provided
2269	c. 5226T>G	Benign	not provided
2270	c. 5226T>C	Benign	not provided
2271	c. 5226T>A	Benign	not provided
2272	c. 5225A>T	Benign	not provided
2273	c. 5225A>C	Benign	not provided
2274	c. 5224A>T	Pathogenic	not provided
2275	c. 5224A>C	Benign	not provided
2276	c. 5223C>T	Benign	not provided
2277	c. 5223C>G	Pathogenic	not provided
2278	c. 5223C>A	Pathogenic	not provided
2279	c. 5222T>C	Benign	not provided
2280	c. 5222T>A	Benign	not provided
2281	c. 5221G>C	Benign	not provided
2282	c. 5219T>G	Benign	not provided
2283	c. 5218G>C	Benign	not provided
2284	c. 5217T>C	Benign	not provided
2285	c. 5217T>A	Benign	not provided
2286	c. 5216A>C	Benign	not provided
2287	c. 5214A>T	Pathogenic	not provided
2288	c. 5214A>G	Pathogenic	not provided
2289	c. 5214A>C	Benign	not provided
2290	c. 5213G>C	Benign	not provided
2291	c. 5212G>C	Benign	not provided
2292	c. 5211A>C	Benign	not provided
2293	c. 5211A>T	Pathogenic	not provided
2294	c. 5210G>T	Pathogenic	not provided
2295	c. 5210G>C	Benign	not provided
2296	c. 5210G>A	Pathogenic	not provided
2297	c. 5209A>G	Pathogenic	not provided
2298	c. 5209A>C	Benign	not provided
2299	c. 5208C>T	Benign	not provided
2300	c. 5208C>G	Pathogenic	not provided
2301	c. 5208C>A	Pathogenic	not provided
2302	c. 5207T>A	Benign	not provided
2303	c. 5206G>T	Benign	not provided
2304	c. 5206G>C	Benign	not provided
2305	c. 5206G>A	Benign	not provided
2306	c. 5205A>G	Benign	not provided
2307	c. 5205A>C	Benign	not provided
2308	c. 5204A>T	Pathogenic	not provided
2309	c. 5204A>G	Benign	not provided
2310	c. 5204A>C	Benign	not provided
2311	c. 5203G>T	Pathogenic	not provided
2312	c. 5203G>C	Benign	not provided
2313	c. 5203G>A	Pathogenic	not provided
2314	c. 5202T>A	Pathogenic	not provided
2315	c. 5201T>A	Benign	not provided
2316	c. 5201T>C	Benign	not provided
2317	c. 5200T>G	Benign	not provided
2318	c. 5199T>G	Benign	not provided
2319	c. 5199T>C	Benign	not provided
2320	c. 5199T>A	Benign	not provided
2321	c. 5198A>C	Benign	not provided

2322	c. 5197G>T	Pathogenic	not provided
2323	c. 5196T>G	Benign	not provided
2324	c. 5195A>T	Benign	not provided
2325	c. 5195A>C	Benign	not provided
2326	c. 5194C>T	Benign	not provided
2327	c. 5194C>G	Benign	not provided
2328	c. 5194C>A	Benign	not provided
2329	c. 5194-2A>T	Pathogenic	not provided
2330	c. 5194-3C>T	Benign	not provided
2331	c. 5194-3C>G	Pathogenic	not provided
2332	c. 5194-3C>A	Pathogenic	not provided
2333	c. 5194-4T>A	Benign	not provided
2334	c. 5194-4T>G	Benign	not provided
2335	c. 5194-5T>G	Benign	not provided
2336	c. 5194-5T>C	Benign	not provided
2337	c. 5194-5T>A	Benign	not provided
2338	c. 5194-6T>G	Benign	not provided
2339	c. 5194-6T>C	Benign	not provided
2340	c. 5194-6T>A	Benign	not provided
2341	c. 5194-7C>T	Benign	not provided
2342	c. 5194-7C>G	Benign	not provided
2343	c. 5194-7C>A	Benign	not provided
2344	c. 5194-8T>G	Benign	not provided
2345	c. 5194-8T>C	Benign	not provided
2346	c. 5194-8T>A	Benign	not provided
2347	c. 5194-9T>G	Benign	not provided
2348	c. 5194-9T>C	Benign	not provided
2349	c. 5194-9T>A	Pathogenic	not provided
2350	c. 5194-10T>G	Benign	not provided
2351	c. 5194-10T>A	Benign	not provided
2352	c. 5193+30A>T	Pathogenic	not provided
2353	c. 5193+30A>G	Pathogenic	not provided
2354	c. 5193+30A>C	Benign	not provided
2355	c. 5193+29G>T	Pathogenic	not provided
2356	c. 5193+29G>C	Benign	not provided
2357	c. 5193+29G>A	Pathogenic	not provided
2358	c. 5193+28A>T	Pathogenic	not provided
2359	c. 5193+28A>G	Pathogenic	not provided
2360	c. 5193+28A>C	Benign	not provided
2361	c. 5193+27C>G	Benign	not provided
2362	c. 5193+26C>T	Benign	not provided
2363	c. 5193+26C>G	Benign	not provided
2364	c. 5193+26C>A	Benign	not provided
2365	c. 5193+25A>T	Benign	not provided
2366	c. 5193+25A>G	Benign	not provided
2367	c. 5193+25A>C	Benign	not provided
2368	c. 5193+24A>T	Benign	not provided
2369	c. 5193+24A>G	Pathogenic	not provided
2370	c. 5193+24A>C	Benign	not provided
2371	c. 5193+23T>G	Benign	not provided
2372	c. 5193+23T>C	Benign	not provided
2373	c. 5193+23T>A	Benign	not provided
2374	c. 5193+22C>G	Benign	not provided
2375	c. 5193+22C>A	Benign	not provided

2376	c. 5193+21A>T	Benign	not provided
2377	c. 5193+21A>G	Benign	not provided
2378	c. 5193+21A>C	Benign	not provided
2379	c. 5193+20A>T	Pathogenic	not provided
2380	c. 5193+20A>C	Benign	not provided
2381	c. 5193+19A>T	Pathogenic	not provided
2382	c. 5193+19A>C	Benign	not provided
2383	c. 5193+18C>T	Benign	not provided
2384	c. 5193+18C>G	Benign	not provided
2385	c. 5193+18C>A	Benign	not provided
2386	c. 5193+17A>T	Benign	not provided
2387	c. 5193+17A>G	Pathogenic	not provided
2388	c. 5193+17A>C	Benign	not provided
2389	c. 5193+16T>G	Benign	not provided
2390	c. 5193+16T>C	Benign	not provided
2391	c. 5193+16T>A	Benign	not provided
2392	c. 5193+15T>A	Benign	not provided
2393	c. 5193+15T>G	Benign	not provided
2394	c. 5193+15T>C	Benign	not provided
2395	c. 5193+14G>T	Benign	not provided
2396	c. 5193+14G>C	Benign	not provided
2397	c. 5193+14G>A	Pathogenic	not provided
2398	c. 5193+13T>G	Benign	not provided
2399	c. 5193+13T>C	Benign	not provided
2400	c. 5193+12A>T	Benign	not provided
2401	c. 5193+12A>G	Benign	not provided
2402	c. 5193+12A>C	Benign	not provided
2403	c. 5193+11G>C	Benign	not provided
2404	c. 5193+11G>A	Pathogenic	not provided
2405	c. 5193+10T>G	Benign	not provided
2406	c. 5193+10T>A	Benign	not provided
2407	c. 5193+9T>G	Pathogenic	not provided
2408	c. 5193+9T>C	Benign	not provided
2409	c. 5193+9T>A	Benign	not provided
2410	c. 5193+8C>T	Benign	not provided
2411	c. 5193+8C>G	Benign	not provided
2412	c. 5193+7A>T	Benign	not provided
2413	c. 5193+7A>G	Pathogenic	not provided
2414	c. 5193+7A>C	Benign	not provided
2415	c. 5193+6T>G	Benign	not provided
2416	c. 5193+6T>A	Benign	not provided
2417	c. 5193+5G>T	Benign	not provided
2418	c. 5193+5G>C	Benign	not provided
2419	c. 5193+5G>A	Pathogenic	not provided
2420	c. 5193+4A>G	Benign	not provided
2421	c. 5193+4A>C	Benign	not provided
2422	c. 5193+4A>T	Pathogenic	not provided
2423	c. 5193+3A>T	Benign	not provided
2424	c. 5193+3A>C	Benign	not provided
2425	c. 5193+2T>C	Benign	not provided
2426	c. 5193+2T>A	Pathogenic	not provided
2427	c. 5193G>T	Benign	not provided
2428	c. 5193G>C	Benign	not provided
2429	c. 5192A>T	Pathogenic	not provided

2430	c. 5192A>G	Pathogenic	not provided
2431	c. 5192A>C	Benign	not provided
2432	c. 5191G>C	Benign	not provided
2433	c. 5190T>G	Benign	not provided
2434	c. 5190T>C	Benign	not provided
2435	c. 5190T>A	Benign	not provided
2436	c. 5189A>C	Benign	not provided
2437	c. 5188A>T	Pathogenic	not provided
2438	c. 5188A>G	Benign	not provided
2439	c. 5188A>C	Benign	not provided
2440	c. 5187G>T	Pathogenic	not provided
2441	c. 5187G>C	Benign	not provided
2442	c. 5187G>A	Pathogenic	not provided
2443	c. 5186T>G	Benign	not provided
2444	c. 5185C>G	Benign	not provided
2445	c. 5185C>A	Benign	not provided
2446	c. 5184G>T	Benign	not provided
2447	c. 5184G>C	Benign	not provided
2448	c. 5184G>A	Pathogenic	not provided
2449	c. 5183T>G	Benign	not provided
2450	c. 5183T>C	Benign	not provided
2451	c. 5183T>A	Benign	not provided
2452	c. 5182A>T	Benign	not provided
2453	c. 5182A>G	Benign	not provided
2454	c. 5182A>C	Benign	not provided
2455	c. 5181A>T	Pathogenic	not provided
2456	c. 5181A>G	Benign	not provided
2457	c. 5181A>C	Benign	not provided
2458	c. 5180A>T	Pathogenic	not provided
2459	c. 5180A>G	Benign	not provided
2460	c. 5180A>C	Benign	not provided
2461	c. 5179A>G	Benign	not provided
2462	c. 5178A>T	Pathogenic	not provided
2463	c. 5178A>G	Benign	not provided
2464	c. 5178A>C	Benign	not provided
2465	c. 5177G>A	Pathogenic	not provided
2466	c. 5176A>C	Benign	not provided
2467	c. 5175A>T	Pathogenic	not provided
2468	c. 5174A>T	Pathogenic	not provided
2469	c. 5174A>G	Benign	not provided
2470	c. 5174A>C	Benign	not provided
2471	c. 5173G>C	Benign	not provided
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2473	c. 5172A>T	Pathogenic	not provided
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2475	c. 5171A>T	Pathogenic	not provided
2476	c. 5171A>G	Benign	not provided
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2478	c. 5170A>T	Benign	not provided
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2480	c. 5170A>C	Benign	not provided
2481	c. 5169T>G	Pathogenic	not provided
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2483	c. 5169T>A	Benign	not provided

2538	c. 5153-16T>A	Benign	not provided
2539	c. 5153-17T>G	Benign	not provided
2540	c. 5153-17T>C	Benign	not provided
2541	c. 5153-17T>A	Pathogenic	not provided
2542	c. 5153-18T>G	Benign	not provided
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2544	c. 5153-18T>A	Benign	not provided
2545	c. 5153-19T>G	Benign	not provided
2546	c. 5153-19T>C	Benign	not provided
2547	c. 5153-19T>A	Benign	not provided
2548	c. 5153-20C>T	Benign	not provided
2549	c. 5153-20C>G	Benign	not provided
2550	c. 5153-20C>A	Pathogenic	not provided
2551	c. 5153-21T>G	Benign	not provided
2552	c. 5153-21T>C	Benign	not provided
2553	c. 5153-21T>A	Benign	not provided
2554	c. 5153-22G>A	Pathogenic	not provided
2555	c. 5153-22G>T	Benign	not provided
2556	c. 5153-22G>C	Benign	not provided
2557	c. 5153-23T>G	Benign	not provided
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2560	c. 5153-24C>T	Benign	not provided
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2562	c. 5153-24C>A	Benign	not provided
2563	c. 5153-25C>T	Benign	not provided
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2566	c. 5153-26A>T	Benign	not provided
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2568	c. 5153-27A>T	Benign	not provided
2569	c. 5153-27A>G	Pathogenic	not provided
2570	c. 5153-27A>C	Benign	not provided
2571	c. 5153-28T>G	Benign	not provided
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2573	c. 5153-28T>A	Benign	not provided
2574	c. 5153-29G>T	Benign	not provided
2575	c. 5153-29G>C	Benign	not provided
2576	c. 5153-29G>A	Pathogenic	not provided
2577	c. 5153-30T>G	Benign	not provided
2578	c. 5153-30T>C	Benign	not provided
2579	c. 5153-30T>A	Benign	not provided
2580	c. 5152+10A>T	Pathogenic	not provided
2581	c. 5152+10A>C	Benign	not provided
2582	c. 5152+8T>A	Benign	not provided
2583	c. 5152+8T>G	Benign	not provided
2584	c. 5152+7A>T	Benign	not provided
2585	c. 5152+7A>C	Benign	not provided
2586	c. 5152+5G>T	Benign	not provided
2587	c. 5152+4A>T	Pathogenic	not provided
2588	c. 5152+4A>C	Benign	not provided
2589	c. 5152+3A>T	Benign	not provided
2590	c. 5152+3A>G	Pathogenic	not provided
2591	c. 5152T>C	Benign	not provided

2646 c. 5124G>C
2647 c. 5123C>G
2648 c. 5122G>T
2649 c. 5122G>C
2650 c. 5121T>G
2651 c. 5121T>C
2652 c. 5121T>A
2653 c. 5120T>A
2654 c. 5119A>T
2655 c. 5119A>G
2656 c. 5118A>T
2657 c. 5118A>G
2658 c. 5118A>C
2659 c. 5117G>T
2660 c. 5116G>T
2661 c. 5115A>T
2662 c. 5115A>G
2663 c. 5114T>A
2664 c. 5113C>A
2665 c. 5112T>G
2666 c. 5112T>C
2667 c. 5112T>A
2668 c. 5111T>G
2669 c. 5111T>C
2670 c. 5110T>G
2671 c. 5110T>A
2672 c. 5109T>A
2673 c. 5108A>T
2674 c. 5108A>C
2675 c. 5107T>A
2676 c. 5106A>T
2677 c. 5106A>C
2678 c. 5105A>T
2679 c. 5105A>G
2680 c. 5105A>C
2681 c. 5104A>T
2682 c. 5104A>G
2683 c. 5104A>C
2684 c. 5103G>T
2685 c. 5103G>C
2686 c. 5102T>G
2687 c. 5102T>A
2688 c. 5101C>T
2689 c. 5101C>G
2690 c. 5100A>T
2691 c. 5100A>C
2692 c. 5099C>A
2693 c. 5099C>T
2694 c. 5099C>G
2695 c. 5095C>G
2696 c. 5094A>T
2697 c. 5094A>C
2698 c. 5093A>T
2699 c. 5093A>G

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Pathogenic	not provided
Benign	not provided

2700	c. 5093A>C	Benign	not provided
2701	c. 5092G>T	Pathogenic	not provided
2702	c. 5092G>C	Benign	not provided
2703	c. 5092G>A	Pathogenic	not provided
2704	c. 5091T>C	Benign	not provided
2705	c. 5091T>A	Benign	not provided
2706	c. 5090G>T	Benign	not provided
2707	c. 5090G>C	Pathogenic	not provided
2708	c. 5089T>G	Benign	not provided
2709	c. 5088G>T	Benign	not provided
2710	c. 5088G>C	Pathogenic	not provided
2711	c. 5087T>G	Benign	not provided
2712	c. 5087T>A	Benign	not provided
2713	c. 5085T>G	Benign	not provided
2714	c. 5085T>C	Benign	not provided
2715	c. 5084T>G	Benign	not provided
2716	c. 5084T>C	Benign	not provided
2717	c. 5084T>A	Pathogenic	not provided
2718	c. 5083T>G	Benign	not provided
2719	c. 5083T>C	Benign	not provided
2720	c. 5083T>A	Benign	not provided
2721	c. 5082G>T	Benign	not provided
2722	c. 5082G>C	Benign	not provided
2723	c. 5082G>A	Benign	not provided
2724	c. 5081A>T	Pathogenic	not provided
2725	c. 5081A>C	Benign	not provided
2726	c. 5080G>C	Benign	not provided
2727	c. 5079T>G	Benign	not provided
2728	c. 5079T>C	Benign	not provided
2729	c. 5079T>A	Benign	not provided
2730	c. 5078C>G	Benign	not provided
2731	c. 5078C>A	Benign	not provided
2732	c. 5077G>T	Benign	not provided
2733	c. 5077G>C	Benign	not provided
2734	c. 5077G>A	Pathogenic	not provided
2735	c. 5076T>G	Benign	not provided
2736	c. 5076T>C	Benign	not provided
2737	c. 5076T>A	Benign	not provided
2738	c. 5075A>G	Benign	not provided
2739	c. 5075-3C>A	Benign	not provided
2740	c. 5075-4G>C	Benign	not provided
2741	c. 5075-5T>G	Benign	not provided
2742	c. 5075-5T>C	Benign	not provided
2743	c. 5075-5T>A	Benign	not provided
2744	c. 5075-6C>G	Benign	not provided
2745	c. 5075-7T>G	Pathogenic	not provided
2746	c. 5075-7T>A	Benign	not provided
2747	c. 5075-8T>C	Benign	not provided
2748	c. 5075-8T>A	Benign	not provided
2749	c. 5075-10C>T	Benign	not provided
2750	c. 5075-10C>G	Benign	not provided
2751	c. 5075-10C>A	Benign	not provided
2752	c. 5074+10G>T	Pathogenic	not provided
2753	c. 5074+10G>C	Benign	not provided

2754	c. 5074+10G>A	rs80357034	Pathogenic	not provided
2755	c. 5074+9A>T		Pathogenic	not provided
2756	c. 5074+9A>G		Benign	not provided
2757	c. 5074+9A>C		Benign	not provided
2758	c. 5074+8A>T		Pathogenic	not provided
2759	c. 5074+8A>G		Benign	not provided
2760	c. 5074+8A>C		Benign	not provided
2761	c. 5074+7C>G		Benign	not provided
2762	c. 5074+7C>A		Benign	not provided
2763	c. 5074+6C>T		Benign	not provided
2764	c. 5074+6C>A		Pathogenic	not provided
2765	c. 5074+5A>G		Pathogenic	not provided
2766	c. 5074+5A>C		Benign	not provided
2767	c. 5074+4T>G		Benign	not provided
2768	c. 5074+3A>T		Benign	not provided
2769	c. 5074+3A>C		Benign	not provided
2770	c. 5074+2T>G		Pathogenic	not provided
2771	c. 5072C>G		Benign	not provided
2772	c. 5071A>T		Benign	not provided
2773	c. 5071A>C		Benign	not provided
2774	c. 5070A>T		Pathogenic	not provided
2775	c. 5070A>G		Benign	not provided
2776	c. 5070A>C		Benign	not provided
2777	c. 5069A>T		Pathogenic	not provided
2778	c. 5069A>G		Benign	not provided
2779	c. 5069A>C		Benign	not provided
2780	c. 5068A>G		Benign	not provided
2781	c. 5067G>T		Pathogenic	not provided
2782	c. 5067G>C		Benign	not provided
2783	c. 5066T>A		Benign	not provided
2784	c. 5065A>T		Benign	not provided
2785	c. 5064T>G		Benign	not provided
2786	c. 5064T>A		Benign	not provided
2787	c. 5063T>A		Benign	not provided
2788	c. 5063T>G		Benign	not provided
2789	c. 5062G>T		Benign	not provided
2790	c. 5062G>C		Benign	not provided
2791	c. 5062G>A		Pathogenic	not provided
2792	c. 5061T>G		Benign	not provided
2793	c. 5061T>A		Pathogenic	not provided
2794	c. 5060T>C		Benign	not provided
2795	c. 5060T>A		Benign	not provided
2796	c. 5059G>T		Benign	not provided
2797	c. 5059G>C		Benign	not provided
2798	c. 5059G>A		Pathogenic	not provided
2799	c. 5058T>G	rs397509218	Benign	not provided
2800	c. 5058T>A		Benign	not provided
2801	c. 5057A>T		Benign	not provided
2802	c. 5056C>G		Benign	not provided
2803	c. 5056C>A		Benign	not provided
2804	c. 5055T>C		Benign	not provided
2805	c. 5055T>A		Benign	not provided
2806	c. 5054C>G		Benign	not provided
2807	c. 5054C>A		Benign	not provided

2916	c. 5000A>T	rs397509215	Pathogenic	not provided
2917	c. 5000A>C		Benign	not provided
2918	c. 4999A>C		Benign	not provided
2919	c. 4998C>G		Benign	not provided
2920	c. 4997A>T		Benign	not provided
2921	c. 4997A>C		Benign	not provided
2922	c. 4996T>G		Benign	not provided
2923	c. 4996T>A		Benign	not provided
2924	c. 4996T>C		Benign	not provided
2925	c. 4995G>C		Benign	not provided
2926	c. 4995G>A		Pathogenic	not provided
2927	c. 4995G>T		Benign	not provided
2928	c. 4994T>C		Benign	not provided
2929	c. 4994T>A		Benign	not provided
2930	c. 4992C>G		Benign	not provided
2931	c. 4991T>G		Benign	not provided
2932	c. 4991T>A		Pathogenic	not provided
2933	c. 4990C>T		Benign	not provided
2934	c. 4990C>G		Benign	not provided
2935	c. 4990C>A		Benign	not provided
2936	c. 4989G>T		Benign	not provided
2937	c. 4989G>C		Benign	not provided
2938	c. 4989G>A		Pathogenic	not provided
2939	c. 4988T>G		Benign	not provided
2940	c. 4988T>C		Benign	not provided
2941	c. 4987A>G		Benign	not provided
2942	c. 4987A>C		Benign	not provided
2943	c. 4987-2A>T		Pathogenic	not provided
2944	c. 4987-3C>A		Pathogenic	not provided
2945	c. 4987-4T>C		Benign	not provided
2946	c. 4987-4T>A		Benign	not provided
2947	c. 4987-5T>G		Pathogenic	not provided
2948	c. 4987-6T>G		Benign	not provided
2949	c. 4987-6T>C		Benign	not provided
2950	c. 4987-6T>A		Benign	not provided
2951	c. 4987-7A>T		Pathogenic	not provided
2952	c. 4987-7A>G		Benign	not provided
2953	c. 4987-7A>C		Benign	not provided
2954	c. 4987-8A>T		Pathogenic	not provided
2955	c. 4987-8A>C		Benign	not provided
2956	c. 4987-9T>G		Benign	not provided
2957	c. 4987-9T>C		Benign	not provided
2958	c. 4987-9T>A		Benign	not provided
2959	c. 4987-10T>C		Benign	not provided
2960	c. 4987-10T>A		Pathogenic	not provided
2961	c. 4986+10T>G		Benign	not provided
2962	c. 4986+10T>C		Benign	not provided
2963	c. 4986+10T>A		Benign	not provided
2964	c. 4986+9A>G		Pathogenic	not provided
2965	c. 4986+9A>C		Benign	not provided
2966	c. 4986+8T>G		Benign	not provided
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2968	c. 4986+8T>A		Benign	not provided
2969	c. 4986+7G>T		Benign	not provided

3078 c. 4943A>C
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3080 c. 4941C>T
3081 c. 4941C>G
3082 c. 4940A>T
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3084 c. 4940A>C
3085 c. 4939A>T
3086 c. 4939A>G
3087 c. 4939A>C
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3093 c. 4937T>G
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3107 c. 4930G>A
3108 c. 4929A>T
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3110 c. 4928C>T
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3113 c. 4927A>T
3114 c. 4927A>G
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3118 c. 4926A>C
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3122 c. 4924T>G
3123 c. 4924T>C
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3126 c. 4923T>A
3127 c. 4922C>G
3128 c. 4922C>A
3129 c. 4921G>T
3130 c. 4921G>C
3131 c. 4920A>T

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Pathogenic	not provided
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Pathogenic	not provided

3132	c. 4920A>G	Pathogenic	not provided
3133	c. 4920A>C	Benign	not provided
3134	c. 4919C>T	Benign	not provided
3135	c. 4919C>G	Benign	not provided
3136	c. 4919C>A	Benign	not provided
3137	c. 4918A>T	Benign	not provided
3138	c. 4918A>C	Benign	not provided
3139	c. 4917G>T	Pathogenic	not provided
3140	c. 4917G>C	Benign	not provided
3141	c. 4916T>A	Pathogenic	not provided
3142	c. 4916T>G	Benign	not provided
3143	c. 4915T>G	Benign	not provided
3144	c. 4915T>A	Benign	not provided
3145	c. 4914A>T	Benign	not provided
3146	c. 4914A>C	Benign	not provided
3147	c. 4913A>T	Pathogenic	not provided
3148	c. 4913A>G	Benign	not provided
3149	c. 4913A>C	Benign	not provided
3150	c. 4912G>T	Pathogenic	not provided
3151	c. 4912G>C	Benign	not provided
3152	c. 4912G>A	Pathogenic	not provided
3153	c. 4911A>T	Pathogenic	not provided
3154	c. 4911A>G	Pathogenic	not provided
3155	c. 4911A>C	Benign	not provided
3156	c. 4910C>G	Benign	not provided
3157	c. 4909C>G	Benign	not provided
3158	c. 4909C>A	Benign	not provided
3159	c. 4908G>T	Benign	not provided
3160	c. 4908G>C	Benign	not provided
3161	c. 4907A>T	Pathogenic	not provided
3162	c. 4907A>G	Benign	not provided
3163	c. 4907A>C	Benign	not provided
3164	c. 4906A>T	Pathogenic	not provided
3165	c. 4906A>G	Benign	not provided
3166	c. 4906A>C	Benign	not provided
3167	c. 4905G>C	Benign	not provided
3168	c. 4905G>A	Pathogenic	not provided
3169	c. 4905G>T	Pathogenic	not provided
3170	c. 4904A>T	Pathogenic	not provided
3171	c. 4904A>G	Pathogenic	not provided
3172	c. 4904A>C	Benign	not provided
3173	c. 4902G>T	Benign	not provided
3174	c. 4902G>C	Benign	not provided
3175	c. 4901G>C	Benign	not provided
3176	c. 4901G>A	Pathogenic	not provided
3177	c. 4900A>C	Benign	not provided
3178	c. 4899C>G	Benign	not provided
3179	c. 4898G>T	Benign	not provided
3180	c. 4898G>C	Benign	not provided
3181	c. 4898G>A	Pathogenic	not provided
3182	c. 4897A>T	Pathogenic	not provided
3183	c. 4897A>G	Pathogenic	not provided
3184	c. 4896G>T	Pathogenic	not provided
3185	c. 4896G>C	Benign	not provided

3186	c. 4896G>A		Pathogenic	not provided
3187	c. 4895T>C		Benign	not provided
3188	c. 4895T>A		Benign	not provided
3189	c. 4893T>G		Benign	not provided
3190	c. 4892G>T		Benign	not provided
3191	c. 4892G>C		Benign	not provided
3192	c. 4891A>G		Benign	not provided
3193	c. 4891A>C		Benign	not provided
3194	c. 4777A>T	rs397509197	Benign	not provided
3195	c. 4743A>C	rs397509194	Benign	not provided
3196	c. 4471C>G	rs111034213	Benign	not provided
3197	c. 4343G>C	rs80357354	Benign	not provided
3198	c. 4172T>C	rs397509146	Benign	not provided
3199	c. 3829G>C	rs397509112	Benign	not provided
3200	c. 3758C>A	rs397509100	Pathogenic	not provided
3201	c. 3722C>G	rs80357143	Benign	not provided
3202	c. 3613G>C	rs80357294	Benign	not provided
3203	c. 3228A>T	rs397509048	Pathogenic	not provided
3204	c. 3152C>G	rs397509039	Benign	not provided
3205	c. 3140T>C	rs397509037	Benign	not provided
3206	c. 3074C>T	rs397509034	Benign	not provided
3207	c. 3072C>G	rs397509033	Benign	not provided
3208	c. 2879G>A	rs397509022	Benign	not provided
3209	c. 2675T>C	rs397508994	Benign	not provided
3210	c. 2600A>G	rs397508985	Pathogenic	not provided
3211	c. 2413T>C	rs397508966	Benign	not provided
3212	c. 2330A>G	rs587778116	Pathogenic	not provided
3213	c. 1960A>G	rs80357355	Benign	not provided
3214	c. 1932T>G	rs397508918	Benign	not provided
3215	c. 1744A>G	rs397508906	Benign	not provided
3216	c. 1690A>C	rs397507191	Benign	not provided
3217	c. 1669A>G	rs397508895	Benign	not provided
3218	c. 1655G>T	rs397508893	Benign	not provided
3219	c. 1544A>G	rs397508881	Pathogenic	not provided
3220	c. 1393T>G	rs397508869	Benign	not provided
3221	c. 1262A>G	rs397508849	Benign	not provided
3222	c. 1076C>T	rs397508831	Benign	not provided
3223	c. 791G>A	rs397509322	Pathogenic	not provided
3224	c. 790A>T	rs397509321	Pathogenic	not provided
3225	c. 788G>T	rs397509319	Benign	not provided
3226	c. 788G>C	rs397509319	Pathogenic	not provided
3227	c. 787G>T	rs397509318	Benign	not provided
3228	c. 668A>G	rs397509306	Benign	not provided
3229	c. 472A>T	rs397509192	Benign	not provided
3230	c. 466C>G	rs587778115	Benign	not provided
3231	c. 346G>A	rs397509071	Pathogenic	not provided
3232	c. 340T>C	rs397509062	Benign	not provided
3233	c. 329A>C	rs397509053	Benign	not provided
3234	c. 301+10G>T		Pathogenic	not provided
3235	c. 301+10G>C		Benign	not provided
3236	c. 301+9T>G		Benign	not provided
3237	c. 301+8T>G		Benign	not provided
3238	c. 301+8T>A		Benign	not provided
3239	c. 301+7G>T		Benign	not provided

3294	c. 278T>C	rs397509006	Benign	not provided
3295	c. 278T>A		Pathogenic	not provided
3296	c. 277T>C		Benign	not provided
3297	c. 277T>A		Benign	not provided
3298	c. 277T>G		Benign	not provided
3299	c. 276T>G		Benign	not provided
3300	c. 276T>C		Benign	not provided
3301	c. 276T>A		Benign	not provided
3302	c. 275C>T		Benign	not provided
3303	c. 275C>A		Benign	not provided
3304	c. 274G>T		Benign	not provided
3305	c. 274G>A		Pathogenic	not provided
3306	c. 273T>C		Benign	not provided
3307	c. 273T>A		Benign	not provided
3308	c. 273T>G		Benign	not provided
3309	c. 272G>T		Benign	not provided
3310	c. 271T>G		Benign	not provided
3311	c. 271T>A		Benign	not provided
3312	c. 270T>G		Pathogenic	not provided
3313	c. 270T>A		Pathogenic	not provided
3314	c. 269T>G		Benign	not provided
3315	c. 269T>A		Benign	not provided
3316	c. 268A>T		Benign	not provided
3317	c. 268A>C		Benign	not provided
3318	c. 267C>T		Benign	not provided
3319	c. 267C>A		Pathogenic	not provided
3320	c. 266T>G		Benign	not provided
3321	c. 266T>A		Benign	not provided
3322	c. 265A>T		Benign	not provided
3323	c. 265A>G		Benign	not provided
3324	c. 265A>C		Benign	not provided
3325	c. 264A>T		Pathogenic	not provided
3326	c. 264A>G		Benign	not provided
3327	c. 264A>C		Benign	not provided
3328	c. 263A>G		Benign	not provided
3329	c. 263A>C		Benign	not provided
3330	c. 262A>T		Pathogenic	not provided
3331	c. 262A>G		Benign	not provided
3332	c. 262A>C		Benign	not provided
3333	c. 261G>T		Pathogenic	not provided
3334	c. 261G>C		Benign	not provided
3335	c. 260T>C		Benign	not provided
3336	c. 259T>A		Benign	not provided
3337	c. 258A>C		Benign	not provided
3338	c. 257T>G		Benign	not provided
3339	c. 257T>C		Benign	not provided
3340	c. 257T>A		Benign	not provided
3341	c. 256C>T		Benign	not provided
3342	c. 256C>G		Benign	not provided
3343	c. 256C>A		Benign	not provided
3344	c. 255G>C		Benign	not provided
3345	c. 254A>T		Pathogenic	not provided
3346	c. 254A>G		Pathogenic	not provided
3347	c. 254A>C		Benign	not provided

3348	c. 253G>T	Pathogenic	not provided
3349	c. 253G>C	Benign	not provided
3350	c. 253G>A	Pathogenic	not provided
3351	c. 252A>T	Pathogenic	not provided
3352	c. 252A>G	Benign	not provided
3353	c. 252A>C	Benign	not provided
3354	c. 251A>T	Pathogenic	not provided
3355	c. 251A>G	Benign	not provided
3356	c. 251A>C	Benign	not provided
3357	c. 250G>C	Benign	not provided
3358	c. 250G>A	Pathogenic	not provided
3359	c. 249T>G	Benign	not provided
3360	c. 249T>A	Pathogenic	not provided
3361	c. 248T>G	Benign	not provided
3362	c. 248T>A	Benign	not provided
3363	c. 247G>C	Benign	not provided
3364	c. 246T>G	Benign	not provided
3365	c. 246T>C	Benign	not provided
3366	c. 246T>A	Benign	not provided
3367	c. 245T>G	Benign	not provided
3368	c. 245T>C	Benign	not provided
3369	c. 245T>A	Benign	not provided
3370	c. 244C>T	Benign	not provided
3371	c. 244C>G	Benign	not provided
3372	c. 244C>A	Benign	not provided
3373	c. 243A>T	Benign	not provided
3374	c. 243A>C	Benign	not provided
3375	c. 242A>G	Pathogenic	not provided
3376	c. 242A>C	Benign	not provided
3377	c. 241C>A	Pathogenic	not provided
3378	c. 240T>G	Benign	not provided
3379	c. 240T>C	Benign	not provided
3380	c. 240T>A	Benign	not provided
3381	c. 239G>T	Benign	not provided
3382	c. 239G>C	Benign	not provided
3383	c. 239G>A	Pathogenic	not provided
3384	c. 238A>T	Pathogenic	not provided
3385	c. 238A>G	Pathogenic	not provided
3386	c. 238A>C	Benign	not provided
3387	c. 237T>G	Benign	not provided
3388	c. 237T>C	Benign	not provided
3389	c. 237T>A	Benign	not provided
3390	c. 236T>G	Pathogenic	not provided
3391	c. 236T>C	Benign	not provided
3392	c. 236T>A	Pathogenic	not provided
3393	c. 235T>C	Benign	not provided
3394	c. 234A>T	Pathogenic	not provided
3395	c. 234A>G	Benign	not provided
3396	c. 234A>C	Benign	not provided
3397	c. 233G>T	Pathogenic	not provided
3398	c. 233G>C	Benign	not provided
3399	c. 233G>A	Pathogenic	not provided
3400	c. 232A>T	Pathogenic	not provided
3401	c. 232A>G	Pathogenic	not provided

3402	c. 232A>C	Benign	not provided
3403	c. 230C>A	Benign	not provided
3404	c. 229A>T	Benign	not provided
3405	c. 229A>G	Pathogenic	not provided
3406	c. 229A>C	Benign	not provided
3407	c. 228T>C	Benign	not provided
3408	c. 228T>A	Benign	not provided
3409	c. 227G>T	Benign	not provided
3410	c. 227G>C	Benign	not provided
3411	c. 227G>A	Benign	not provided
3412	c. 226A>T	Pathogenic	not provided
3413	c. 226A>G	Benign	not provided
3414	c. 226A>C	Benign	not provided
3415	c. 225A>T	Pathogenic	not provided
3416	c. 225A>G	Benign	not provided
3417	c. 225A>C	Benign	not provided
3418	c. 224A>G	Benign	not provided
3419	c. 224A>C	Benign	not provided
3420	c. 223G>T	Pathogenic	not provided
3421	c. 223G>C	Benign	not provided
3422	c. 223G>A	Pathogenic	not provided
3423	c. 222A>T	Pathogenic	not provided
3424	c. 221A>T	Pathogenic	not provided
3425	c. 221A>G	Benign	not provided
3426	c. 221A>C	Benign	not provided
3427	c. 220C>G	Benign	not provided
3428	c. 219A>T	Benign	not provided
3429	c. 219A>C	Benign	not provided
3430	c. 218T>G	Benign	not provided
3431	c. 218T>C	Benign	not provided
3432	c. 218T>A	Benign	not provided
3433	c. 217C>G	Benign	not provided
3434	c. 215G>T	Benign	not provided
3435	c. 215G>C	Benign	not provided
3436	c. 215G>A	Benign	not provided
3437	c. 214A>T	Pathogenic	not provided
3438	c. 214A>G	Pathogenic	not provided
3439	c. 214A>C	Benign	not provided
3440	c. 213G>T	Pathogenic	not provided
3441	c. 213G>C	Benign	not provided
3442	c. 213G>A	Pathogenic	not provided
3443	c. 213-1G>C	Benign	not provided
3444	c. 213-3C>T	Benign	not provided
3445	c. 213-3C>A	Pathogenic	not provided
3446	c. 213-4T>G	Benign	not provided
3447	c. 213-4T>C	Benign	not provided
3448	c. 213-4T>A	Benign	not provided
3449	c. 213-5T>G	Benign	not provided
3450	c. 213-5T>C	Benign	not provided
3451	c. 213-6T>G	Pathogenic	not provided
3452	c. 213-6T>C	Benign	not provided
3453	c. 213-6T>A	Benign	not provided
3454	c. 213-7A>T	Pathogenic	not provided
3455	c. 213-7A>G	Benign	not provided

3456	c. 213-7A>C	rs80358174	Benign	not provided
3457	c. 213-8A>G		Pathogenic	not provided
3458	c. 213-8A>T		Pathogenic	not provided
3459	c. 213-9T>G		Benign	not provided
3460	c. 213-9T>C		Benign	not provided
3461	c. 213-9T>A		Benign	not provided
3462	c. 213-10T>G		Benign	not provided
3463	c. 213-10T>C		Benign	not provided
3464	c. 213-10T>A		Pathogenic	not provided
3465	c. 212+10T>A		Pathogenic	not provided
3466	c. 212+10T>C		Benign	not provided
3467	c. 212+9T>G		Benign	not provided
3468	c. 212+9T>C		Benign	not provided
3469	c. 212+9T>A		Benign	not provided
3470	c. 212+8A>C		Benign	not provided
3471	c. 212+8A>T		Pathogenic	not provided
3472	c. 212+8A>G		Benign	not provided
3473	c. 212+7A>T		Pathogenic	not provided
3474	c. 212+7A>G		Pathogenic	not provided
3475	c. 212+7A>C		Benign	not provided
3476	c. 212+6T>G		Benign	not provided
3477	c. 212+6T>C		Benign	not provided
3478	c. 212+6T>A		Benign	not provided
3479	c. 212+5A>T		Benign	not provided
3480	c. 212+5A>G		Pathogenic	not provided
3481	c. 212+5A>C		Benign	not provided
3482	c. 212+3A>C		Benign	not provided
3483	c. 212+2T>G		Benign	not provided
3484	c. 212+2T>A		Pathogenic	not provided
3485	c. 211A>T		Pathogenic	not provided
3486	c. 211A>C		Benign	not provided
3487	c. 210A>T		Pathogenic	not provided
3488	c. 210A>G		Benign	not provided
3489	c. 210A>C		Benign	not provided
3490	c. 209A>G		Benign	not provided
3491	c. 209A>C		Benign	not provided
3492	c. 209A>T		Pathogenic	not provided
3493	c. 208A>T		Pathogenic	not provided
3494	c. 208A>G		Benign	not provided
3495	c. 208A>C		Benign	not provided
3496	c. 207C>A		Pathogenic	not provided
3497	c. 206C>G		Benign	not provided
3498	c. 205A>T		Benign	not provided
3499	c. 205A>G		Benign	not provided
3500	c. 205A>C		Benign	not provided
3501	c. 204A>G		Pathogenic	not provided
3502	c. 204A>C		Benign	not provided
3503	c. 203T>C		Benign	not provided
3504	c. 202A>T		Benign	not provided
3505	c. 202A>C		Benign	not provided
3506	c. 201T>A		Benign	not provided
3507	c. 200A>G		Benign	not provided
3508	c. 200A>C		Benign	not provided
3509	c. 199G>C		Benign	not provided

3510	c. 198T>G	Benign	not provided
3511	c. 197A>T	Pathogenic	not provided
3512	c. 197A>G	Benign	not provided
3513	c. 197A>C	Benign	not provided
3514	c. 196A>C	Benign	not provided
3515	c. 196A>T	Pathogenic	not provided
3516	c. 196A>G	Benign	not provided
3517	c. 195G>T	Pathogenic	not provided
3518	c. 195G>C	Benign	not provided
3519	c. 195G>A	Pathogenic	not provided
3520	c. 194A>T	Pathogenic	not provided
3521	c. 194A>G	Benign	not provided
3522	c. 194A>C	Benign	not provided
3523	c. 193A>T	Pathogenic	not provided
3524	c. 193A>C	Benign	not provided
3525	c. 192T>C	Benign	not provided
3526	c. 191G>T	Benign	not provided
3527	c. 190T>A	Benign	not provided
3528	c. 189A>G	Pathogenic	not provided
3529	c. 189A>C	Benign	not provided
3530	c. 188T>G	Benign	not provided
3531	c. 188T>C	Benign	not provided
3532	c. 187T>G	Benign	not provided
3533	c. 187T>C	Benign	not provided
3534	c. 187T>A	Benign	not provided
3535	c. 186T>G	Benign	not provided
3536	c. 186T>C	Benign	not provided
3537	c. 186T>A	Benign	not provided
3538	c. 185C>A	Benign	not provided
3539	c. 185C>T	Benign	not provided
3540	c. 184C>T	Benign	not provided
3541	c. 184C>G	Pathogenic	not provided
3542	c. 184C>A	Benign	not provided
3543	c. 183T>G	Benign	not provided
3544	c. 183T>A	Benign	not provided
3545	c. 182G>T	Benign	not provided
3546	c. 182G>C	Benign	not provided
3547	c. 180G>T	Benign	not provided
3548	c. 180G>C	Benign	not provided
3549	c. 180G>A	Pathogenic	not provided
3550	c. 179A>T	Pathogenic	not provided
3551	c. 179A>C	Benign	not provided
3552	c. 178C>G	Benign	not provided
3553	c. 178C>A	Pathogenic	not provided
3554	c. 177A>T	Benign	not provided
3555	c. 177A>G	Pathogenic	not provided
3556	c. 177A>C	Benign	not provided
3557	c. 176C>G	Benign	not provided
3558	c. 175T>G	Benign	not provided
3559	c. 175T>C	Benign	not provided
3560	c. 175T>A	Benign	not provided
3561	c. 174T>G	Benign	not provided
3562	c. 174T>C	Benign	not provided
3563	c. 174T>A	Benign	not provided

3564	c. 173C>T	rs397508898	Benign	not provided
3565	c. 173C>G		Benign	not provided
3566	c. 173C>A	rs397508897	Benign	not provided
3567	c. 170G>T		Benign	not provided
3568	c. 168A>G	rs397508898	Benign	not provided
3569	c. 168A>C		Benign	not provided
3570	c. 168A>T	rs397508897	Pathogenic	not provided
3571	c. 167A>T		Pathogenic	not provided
3572	c. 167A>C	rs397508897	Benign	not provided
3573	c. 167A>G		Benign	not provided
3574	c. 166A>T	rs397508897	Pathogenic	not provided
3575	c. 166A>G		Benign	not provided
3576	c. 166A>C	rs397508897	Benign	not provided
3577	c. 165G>T		Pathogenic	not provided
3578	c. 165G>C	rs397508897	Benign	not provided
3579	c. 164A>T		Pathogenic	not provided
3580	c. 164A>C	rs397508897	Benign	not provided
3581	c. 164A>G		Benign	not provided
3582	c. 163A>T	rs397508897	Pathogenic	not provided
3583	c. 163A>G		Benign	not provided
3584	c. 163A>C	rs397508897	Benign	not provided
3585	c. 162G>T		Pathogenic	not provided
3586	c. 162G>C	rs397508897	Benign	not provided
3587	c. 162G>A		Pathogenic	not provided
3588	c. 161A>T	rs397508897	Pathogenic	not provided
3589	c. 161A>C		Benign	not provided
3590	c. 160C>G	rs397508897	Benign	not provided
3591	c. 159C>G		Benign	not provided
3592	c. 159C>A	rs397508897	Pathogenic	not provided
3593	c. 158A>T		Benign	not provided
3594	c. 158A>G	rs397508897	Benign	not provided
3595	c. 158A>C		Benign	not provided
3596	c. 157A>T	rs397508897	Pathogenic	not provided
3597	c. 157A>G		Pathogenic	not provided
3598	c. 157A>C	rs397508897	Benign	not provided
3599	c. 156C>T		Benign	not provided
3600	c. 156C>G	rs397508897	Pathogenic	not provided
3601	c. 156C>A		Pathogenic	not provided
3602	c. 155T>G	rs397508897	Benign	not provided
3603	c. 155T>A		Benign	not provided
3604	c. 154C>G	rs397508897	Benign	not provided
3605	c. 153T>C		Benign	not provided
3606	c. 153T>A	rs397508897	Benign	not provided
3607	c. 152T>G		Benign	not provided
3608	c. 152T>A	rs397508897	Benign	not provided
3609	c. 151C>A		Benign	not provided
3610	c. 151C>T	rs397508897	Benign	not provided
3611	c. 151C>G		Benign	not provided
3612	c. 150A>C	rs397508897	Benign	not provided
3613	c. 149A>T		Pathogenic	not provided
3614	c. 149A>G	rs397508897	Benign	not provided
3615	c. 149A>C		Benign	not provided
3616	c. 148A>T	rs397508897	Pathogenic	not provided
3617	c. 148A>G		Benign	not provided

3618	c. 148A>C	Benign	not provided
3619	c. 147G>T	Pathogenic	not provided
3620	c. 147G>C	Benign	not provided
3621	c. 146T>C	Benign	not provided
3622	c. 146T>A	Benign	not provided
3623	c. 145C>T	Benign	not provided
3624	c. 145C>G	Benign	not provided
3625	c. 145C>A	Benign	not provided
3626	c. 144G>T	Benign	not provided
3627	c. 144G>C	Benign	not provided
3628	c. 143T>G	Benign	not provided
3629	c. 143T>C	Benign	not provided
3630	c. 143T>A	Benign	not provided
3631	c. 142A>T	Benign	not provided
3632	c. 142A>C	Benign	not provided
3633	c. 141C>G	Benign	not provided
3634	c. 140G>C	Benign	not provided
3635	c. 138T>G	Benign	not provided
3636	c. 138T>C	Benign	not provided
3637	c. 138T>A	Benign	not provided
3638	c. 137T>G	Benign	not provided
3639	c. 137T>C	Benign	not provided
3640	c. 137T>A	Pathogenic	not provided
3641	c. 136T>G	Benign	not provided
3642	c. 136T>C	Benign	not provided
3643	c. 136T>A	Benign	not provided
3644	c. 135A>G	Benign	not provided
3645	c. 135A>C	Benign	not provided
3646	c. 135-2A>T	Pathogenic	not provided
3647	c. 135-2A>C	Benign	not provided
3648	c. 135-3T>G	Benign	not provided
3649	c. 135-3T>A	Benign	not provided
3650	c. 135-4A>T	Benign	not provided
3651	c. 135-4A>C	Benign	not provided
3652	c. 135-5T>G	Benign	not provided
3653	c. 135-5T>A	Benign	not provided
3654	c. 135-6T>C	Benign	not provided
3655	c. 135-6T>A	Pathogenic	not provided
3656	c. 135-7T>G	Pathogenic	not provided
3657	c. 135-7T>A	Benign	not provided
3658	c. 135-8A>T	Pathogenic	not provided
3659	c. 135-8A>G	Benign	not provided
3660	c. 135-8A>C	Benign	not provided
3661	c. 135-9A>T	Pathogenic	not provided
3662	c. 135-9A>G	Pathogenic	not provided
3663	c. 135-9A>C	Benign	not provided
3664	c. 135-10T>G	Benign	not provided
3665	c. 135-10T>C	Benign	not provided
3666	c. 135-10T>A	Benign	not provided
3667	c. 135-11A>T	Benign	not provided
3668	c. 135-11A>C	Benign	not provided
3669	c. 135-12T>G	Benign	not provided
3670	c. 135-12T>C	Benign	not provided
3671	c. 135-12T>A	Benign	not provided

3672	c. 134+23G>T	Benign	not provided
3673	c. 134+23G>A	Benign	not provided
3674	c. 134+22G>T	Benign	not provided
3675	c. 134+22G>C	Benign	not provided
3676	c. 134+22G>A	Pathogenic	not provided
3677	c. 134+21T>G	Benign	not provided
3678	c. 134+21T>C	Benign	not provided
3679	c. 134+21T>A	Benign	not provided
3680	c. 134+20G>T	Benign	not provided
3681	c. 134+20G>C	Benign	not provided
3682	c. 134+20G>A	Pathogenic	not provided
3683	c. 134+19T>G	Benign	not provided
3684	c. 134+19T>A	Benign	not provided
3685	c. 134+18A>C	Benign	not provided
3686	c. 134+17T>G	Benign	not provided
3687	c. 134+17T>C	Benign	not provided
3688	c. 134+17T>A	Benign	not provided
3689	c. 134+16T>G	Benign	not provided
3690	c. 134+16T>C	Benign	not provided
3691	c. 134+16T>A	Benign	not provided
3692	c. 134+15G>T	Benign	not provided
3693	c. 134+15G>C	Benign	not provided
3694	c. 134+14T>G	Benign	not provided
3695	c. 134+14T>C	Benign	not provided
3696	c. 134+14T>A	Benign	not provided
3697	c. 134+13G>T	Benign	not provided
3698	c. 134+13G>C	Benign	not provided
3699	c. 134+12T>G	Benign	not provided
3700	c. 134+12T>C	Benign	not provided
3701	c. 134+12T>A	Benign	not provided
3702	c. 134+11A>T	Benign	not provided
3703	c. 134+11A>G	Benign	not provided
3704	c. 134+11A>C	Benign	not provided
3705	c. 134+10A>T	Pathogenic	not provided
3706	c. 134+10A>G	Benign	not provided
3707	c. 134+10A>C	Benign	not provided
3708	c. 134+9G>T	Pathogenic	not provided
3709	c. 134+8T>G	Benign	not provided
3710	c. 134+8T>C	Benign	not provided
3711	c. 134+8T>A	Benign	not provided
3712	c. 134+7T>G	Benign	not provided
3713	c. 134+7T>C	Benign	not provided
3714	c. 134+7T>A	Benign	not provided
3715	c. 134+6T>G	Benign	not provided
3716	c. 134+6T>C	Benign	not provided
3717	c. 134+6T>A	Benign	not provided
3718	c. 134+4A>T	Pathogenic	not provided
3719	c. 134+4A>G	Benign	not provided
3720	c. 134+2T>A	Benign	not provided
3721	c. 134A>T	Pathogenic	not provided
3722	c. 134A>G	Benign	not provided
3723	c. 133A>T	Pathogenic	not provided
3724	c. 133A>G	Benign	not provided
3725	c. 132C>A	Pathogenic	not provided

3726	c. 131G>C	rs80357327	Benign	not provided
3727	c. 130T>G		Benign	not provided
3728	c. 130T>C	rs80357327	Benign	not provided
3729	c. 129T>G		Benign	not provided
3730	c. 129T>C		Benign	not provided
3731	c. 129T>A		Benign	not provided
3732	c. 128T>G		Benign	not provided
3733	c. 128T>A		Benign	not provided
3734	c. 127T>G		Benign	not provided
3735	c. 127T>A		Benign	not provided
3736	c. 126A>T		Benign	not provided
3737	c. 126A>G		Pathogenic	not provided
3738	c. 126A>C		Benign	not provided
3739	c. 125T>G		Benign	not provided
3740	c. 125T>C		Benign	not provided
3741	c. 125T>A		Benign	not provided
3742	c. 124A>T		Benign	not provided
3743	c. 123C>G		Pathogenic	not provided
3744	c. 123C>A		Benign	not provided
3745	c. 122A>C		Benign	not provided
3746	c. 121C>G		Benign	not provided
3747	c. 120C>G		Benign	not provided
3748	c. 120C>A		Benign	not provided
3749	c. 119A>T		Benign	not provided
3750	c. 119A>G		Benign	not provided
3751	c. 119A>C		Benign	not provided
3752	c. 118G>T		Pathogenic	not provided
3753	c. 118G>C		Benign	not provided
3754	c. 117T>C		Benign	not provided
3755	c. 116G>C		Pathogenic	not provided
3756	c. 114G>C		Benign	not provided
3757	c. 113A>T		Pathogenic	not provided
3758	c. 113A>G		Benign	not provided
3759	c. 113A>C		Benign	not provided
3760	c. 112A>T		Pathogenic	not provided
3761	c. 112A>G		Benign	not provided
3762	c. 112A>C		Benign	not provided
3763	c. 111A>T		Pathogenic	not provided
3764	c. 110C>T		Benign	not provided
3765	c. 109A>T		Benign	not provided
3766	c. 109A>G		Benign	not provided
3767	c. 109A>C		Benign	not provided
3768	c. 106T>G		Benign	not provided
3769	c. 105C>T		Benign	not provided
3770	c. 105C>G		Benign	not provided
3771	c. 105C>A		Benign	not provided
3772	c. 104T>G		Benign	not provided
3773	c. 104T>C		Benign	not provided
3774	c. 104T>A		Benign	not provided
3775	c. 103G>C		Benign	not provided
3776	c. 103G>A		Pathogenic	not provided
3777	c. 102T>C		Benign	not provided
3778	c. 102T>A		Benign	not provided
3779	c. 101C>G		Benign	not provided

3780 c. 101C>A
3781 c. 100C>G
3782 c. 100C>A
3783 c. 99A>T
3784 c. 99A>G
3785 c. 99A>C
3786 c. 98A>T
3787 c. 98A>G
3788 c. 97G>A
3789 c. 96G>T
3790 c. 96G>A
3791 c. 95A>T
3792 c. 95A>G
3793 c. 95A>C
3794 c. 94A>T
3795 c. 94A>G
3796 c. 94A>C
3797 c. 93C>T
3798 c. 93C>A
3799 c. 92T>G
3800 c. 92T>C
3801 c. 92T>A
3802 c. 91A>T
3803 c. 91A>C
3804 c. 90G>T
3805 c. 90G>C
3806 c. 90G>A
3807 c. 89T>G
3808 c. 89T>C
3809 c. 88T>G
3810 c. 88T>C
3811 c. 88T>A
3812 c. 87G>C
3813 c. 87G>T
3814 c. 86A>T
3815 c. 86A>C
3816 c. 85G>C
3817 c. 85G>A
3818 c. 84G>T
3819 c. 84G>C
3820 c. 83T>G
3821 c. 83T>A
3822 c. 82C>A
3823 c. 81T>G
3824 c. 81T>A
3825 c. 81-1G>T
3826 c. 81-2A>T
3827 c. 81-3T>G
3828 c. 81-3T>C
3829 c. 81-3T>A
3830 c. 81-4C>G
3831 c. 81-4C>A
3832 c. 81-5G>T
3833 c. 81-5G>C

[illegible]

3834	c. 81-6T>G	Benign	not provided
3835	c. 81-7C>T	Benign	not provided
3836	c. 81-7C>G	Benign	not provided
3837	c. 81-7C>A	Benign	not provided
3838	c. 81-8C>T	Benign	not provided
3839	c. 81-8C>G	Benign	not provided
3840	c. 81-8C>A	Benign	not provided
3841	c. 81-9C>T	Benign	not provided
3842	c. 81-10A>T	Benign	not provided
3843	c. 81-10A>G	Pathogenic	not provided
3844	c. 81-10A>C	Benign	not provided
3845	c. 81-11T>G	Benign	not provided
3846	c. 81-11T>A	Benign	not provided
3847	c. 81-12C>A	Benign	not provided
3848	c. 81-15C>T	Benign	not provided
3849	c. 81-15C>G	Benign	not provided
3850	c. 81-16C>G	Benign	not provided
3851	c. 81-17C>T	Benign	not provided
3852	c. 81-18C>T	Benign	not provided
3853	c. 81-19T>G	Benign	not provided
3854	c. 81-19T>A	Benign	not provided
3855	c. 81-20C>G	Benign	not provided
3856	c. 81-20C>A	Benign	not provided
3857	c. 81-21T>G	Benign	not provided
3858	c. 81-21T>C	Benign	not provided
3859	c. 81-21T>A	Benign	not provided
3860	c. 81-22T>G	Benign	not provided
3861	c. 81-22T>C	Benign	not provided
3862	c. 81-22T>A	Benign	not provided
3863	c. 81-23T>G	Benign	not provided
3864	c. 81-23T>C	Benign	not provided
3865	c. 81-23T>A	Benign	not provided
3866	c. 80+4A>G	Benign	not provided
3867	c. 80+4A>C	Benign	not provided
3868	c. 80+3A>T	Benign	not provided
3869	c. 80+3A>G	Pathogenic	not provided
3870	c. 80+3A>C	Benign	not provided
3871	c. 80+2T>C	Benign	not provided
3872	c. 79T>G	Benign	not provided
3873	c. 79T>C	Benign	not provided
3874	c. 79T>A	Benign	not provided
3875	c. 78C>G	Pathogenic	not provided
3876	c. 78C>A	Benign	not provided
3877	c. 77T>G	Benign	not provided
3878	c. 76A>G	Benign	not provided
3879	c. 76A>C	Benign	not provided
3880	c. 74C>G	Benign	not provided
3881	c. 73C>T	Benign	not provided
3882	c. 73C>G	Benign	not provided
3883	c. 73C>A	Benign	not provided
3884	c. 72T>C	Benign	not provided
3885	c. 72T>A	Benign	not provided
3886	c. 71G>T	Benign	not provided
3887	c. 71G>C	Benign	not provided

3942	c. 43A>T	Benign	not provided
3943	c. 43A>G	Pathogenic	not provided
3944	c. 42C>G	Benign	not provided
3945	c. 41T>G	Benign	not provided
3946	c. 41T>C	Benign	not provided
3947	c. 41T>A	Benign	not provided
3948	c. 40G>C	Benign	not provided
3949	c. 40G>A	Pathogenic	not provided
3950	c. 39T>G	Benign	not provided
3951	c. 39T>C	Benign	not provided
3952	c. 39T>A	Benign	not provided
3953	c. 38A>T	Benign	not provided
3954	c. 38A>G	Benign	not provided
3955	c. 38A>C	Benign	not provided
3956	c. 37A>T	Pathogenic	not provided
3957	c. 37A>C	Benign	not provided
3958	c. 36A>T	Pathogenic	not provided
3959	c. 36A>C	Benign	not provided
3960	c. 35A>T	Pathogenic	not provided
3961	c. 35A>C	Benign	not provided
3962	c. 34C>A	Benign	not provided
3963	c. 33A>T	Benign	not provided
3964	c. 33A>C	Benign	not provided
3965	c. 32T>A	Benign	not provided
3966	c. 31G>T	Benign	not provided
3967	c. 31G>A	Benign	not provided
3968	c. 30A>C	Benign	not provided
3969	c. 30A>T	Pathogenic	not provided
3970	c. 30A>G	Benign	not provided
3971	c. 29A>T	Pathogenic	not provided
3972	c. 29A>G	Benign	not provided
3973	c. 29A>C	Benign	not provided
3974	c. 28G>T	Pathogenic	not provided
3975	c. 28G>C	Benign	not provided
3976	c. 28G>A	Benign	not provided
3977	c. 27A>T	Pathogenic	not provided
3978	c. 27A>G	Benign	not provided
3979	c. 27A>C	Benign	not provided
3980	c. 26A>T	Pathogenic	not provided
3981	c. 26A>G	Benign	not provided
3982	c. 26A>C	Benign	not provided
3983	c. 25G>T	Pathogenic	not provided
3984	c. 25G>A	Pathogenic	not provided
3985	c. 24T>G	Benign	not provided
3986	c. 24T>C	Benign	not provided
3987	c. 24T>A	Benign	not provided
3988	c. 23T>G	Benign	not provided
3989	c. 23T>C	Benign	not provided
3990	c. 23T>A	Benign	not provided
3991	c. 22G>T	Benign	not provided
3992	c. 22G>C	Benign	not provided
3993	c. 21C>G	Benign	not provided
3994	c. 21C>A	Benign	not provided
3995	c. 20G>C	Benign	not provided

3996 c. 19C>G
3997 c. 18T>G
3998 c. 18T>C
3999 c. 18T>A
4000 c. 17T>G
4001 c. 17T>C
4002 c. 17T>A
4003 c. 16C>G
4004 c. 16C>A
4005 c. 15T>G
4006 c. 15T>A
4007 c. 14C>G
4008 c. 14C>A
4009 c. 13G>T
4010 c. 13G>A
4011 c. 12T>G
4012 c. 12T>C
4013 c. 12T>A
4014 c. 11C>G
4015 c. 11C>A
4016 c. 10T>G
4017 c. 10T>A
4018 c. 9A>C
4019 c. 8T>C
4020 c. 8T>A
4021 c. 7T>G
4022 c. 7T>C
4023 c. 7T>A
4024 c. 6T>G
4025 c. 6T>A
4026 c. 5A>T
4027 c. 5A>G
4028 c. 5A>C
4029 c. 4G>T
4030 c. 4G>C
4031 c. 4G>A
4032 c. 1A>T
4033 c. 1A>C
4034 c. -1A>T
4035 c. -2A>G
4036 c. -2A>C
4037 c. -3G>A
4038 c. -4A>T
4039 c. -4A>G
4040 c. -4A>C
4041 c. -5A>T
4042 c. -5A>G
4043 c. -5A>C
4044 c. -6A>T
4045 c. -6A>G
4046 c. -6A>C
4047 c. -7G>T
4048 c. -7G>C
4049 c. -7G>A

Benign	not	provided
Benign	not	provided
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Pathogenic	not	provided
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Pathogenic	not	provided
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Pathogenic	not	provided
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Pathogenic	not	provided
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Pathogenic	not	provided
Benign	not	provided
Benign	not	provided
Pathogenic	not	provided
Benign	not	provided
Benign	not	provided

4050	c. -8A>T		Pathogenic	not provided
4051	c. -8A>G		Pathogenic	not provided
4052	c. -8A>C		Benign	not provided
4053	c. -9C>T		Benign	not provided
4054	c. -9C>A		Benign	not provided
4055	c. -10A>T		Benign	not provided
4056	c. -10A>G		Benign	not provided
4057	c. -11A>T		Pathogenic	not provided
4058	c. -11A>G		Benign	not provided
4059	c. -12G>T		Pathogenic	not provided
4060	c. -12G>C		Benign	not provided
4061	c. -12G>A		Benign	not provided
4062	c. -13G>T		Benign	not provided
4063	c. -13G>C		Benign	not provided
4064	c. -14T>A		Benign	not provided
4065	c. -14T>G		Benign	not provided
4066	c. -15T>G		Benign	not provided
4067	c. -15T>A		Benign	not provided
4068	c. -16A>T		Benign	not provided
4069	c. -16A>C		Benign	not provided
4070	c. -17C>G		Benign	not provided
4071	c. -17C>A		Benign	not provided
4072	c. -18T>G		Benign	not provided
4073	c. -18T>C		Benign	not provided
4074	c. -18T>A		Benign	not provided
4075	c. -19T>G		Benign	not provided
4076	c. -19T>C		Benign	not provided
4077	c. -19T>A		Benign	not provided
4078	c. -19-1G>T		Benign	not provided
4079	c. -19-1G>C		Benign	not provided
4080	c. -19-2A>T		Pathogenic	not provided
4081	c. -19-2A>C		Benign	not provided
4082	c. -19-3A>T		Pathogenic	not provided
4083	c. -19-3A>C		Benign	not provided
4084	c. *1363A>T	rs1332532415	Benign	Uncertain significance
4085	c. *1323A>G	rs189382442	Benign	Uncertain significance
4086	c. *1292T>C	rs182218567	Benign	Uncertain significance
4087	c. *1285C>A	rs757676381	Pathogenic	Uncertain significance
4088	c. *1271T>C	rs1555574034	Benign	Uncertain significance
4089	c. *800T>C	rs1555574136	Benign	Uncertain significance
4090	c. *743G>T	rs886052971	Benign	Uncertain significance
4091	c. *693C>T	rs540031582	Benign	Uncertain significance
4092	c. *485G>A	rs527725740	Pathogenic	Uncertain significance
4093	c. *465G>A	rs886052972	Benign	Uncertain significance
4094	c. *387T>G	rs886052973	Benign	Uncertain significance
4095	c. *291C>T	rs878854928	Benign	Uncertain significance
4096	c. *58C>T	rs137892861	Benign	Uncertain significance
4097	c. *42T>A	rs273902777	Benign	Uncertain significance
4098	c. *14C>G	rs1064796142	Benign	Uncertain significance
4099	c. *13A>G	rs762552027	Benign	Uncertain significance
4100	c. 5588A>G	rs1567756242	Pathogenic	Uncertain significance
4101	c. 5587T>G	rs763740623	Benign	Uncertain significance
4102	c. 5585A>G	rs80357183	Benign	Uncertain significance
4103	c. 5585A>T	rs80357183	Benign	Uncertain significance

4104	c. 5580C>G		Benign	Uncertain significance
4105	c. 5575C>T	rs1555574342	Benign	Uncertain significance
4106	c. 5575C>A	rs1555574342	Pathogenic	Uncertain significance
4107	c. 5574C>G	rs876659941	Pathogenic	Uncertain significance
4108	c. 5573T>A		Benign	Uncertain significance
4109	c. 5572A>T	rs765656957	Benign	Uncertain significance
4110	c. 5571G>T	rs28897699	Pathogenic	Uncertain significance
4111	c. 5571G>C	rs28897699	Benign	Uncertain significance
4112	c. 5566C>A	rs80357274	Pathogenic	Uncertain significance
4113	c. 5564T>C	rs900082291	Benign	Uncertain significance
4114	c. 5561T>C	rs80356996	Benign	Uncertain significance
4115	c. 5555C>T	rs730881502	Benign	Uncertain significance
4116	c. 5554A>G	rs1555574370	Benign	Uncertain significance
4117	c. 5553C>A	rs80357326	Benign	Uncertain significance
4118	c. 5551G>A		Pathogenic	Uncertain significance
4119	c. 5540G>T	rs1182000313	Benign	Uncertain significance
4120	c. 5538G>C	rs80356849	Benign	Uncertain significance
4121	c. 5536C>A		Pathogenic	Uncertain significance
4122	c. 5534A>G	rs876660280	Pathogenic	Uncertain significance
4123	c. 5531T>C	rs80357323	Benign	Uncertain significance
4124	c. 5530C>A	rs1471435242	Benign	Uncertain significance
4125	c. 5528C>T	rs730881447	Benign	Uncertain significance
4126	c. 5528C>A	rs730881447	Benign	Uncertain significance
4127	c. 5525T>A	rs1555574400	Benign	Uncertain significance
4128	c. 5522G>C	rs80357368	Benign	Uncertain significance
4129	c. 5522G>A	rs80357368	Pathogenic	Uncertain significance
4130	c. 5521A>G		Pathogenic	Uncertain significance
4131	c. 5519A>C		Benign	Uncertain significance
4132	c. 5518G>T		Pathogenic	Uncertain significance
4133	c. 5518G>A	rs1567756588	Pathogenic	Uncertain significance
4134	c. 5512G>T	rs730881501	Benign	Uncertain significance
4135	c. 5512G>A	rs730881501	Pathogenic	Uncertain significance
4136	c. 5511G>C	rs80356914	Pathogenic	Uncertain significance
4137	c. 5506G>A	rs80356942	Pathogenic	Uncertain significance
4138	c. 5504G>C	rs273902776	Benign	Uncertain significance
4139	c. 5504G>A	rs273902776	Benign	Uncertain significance
4140	c. 5501C>A		Pathogenic	Uncertain significance
4141	c. 5501C>T	rs730881500	Benign	Uncertain significance
4142	c. 5498T>C	rs587782340	Benign	Uncertain significance
4143	c. 5492C>G	rs587782778	Benign	Uncertain significance
4144	c. 5488G>A	rs80357393	Benign	Uncertain significance
4145	c. 5485G>A	rs869320789	Pathogenic	Uncertain significance
4146	c. 5482T>G	rs1060502342	Benign	Uncertain significance
4147	c. 5481G>A	rs587782432	Pathogenic	Uncertain significance
4148	c. 5479A>G		Benign	Uncertain significance
4149	c. 5478G>T	rs80357332	Pathogenic	Uncertain significance
4150	c. 5477A>T	rs730881499	Pathogenic	Uncertain significance
4151	c. 5476C>A	rs587782887	Benign	Uncertain significance
4152	c. 5473G>A	rs398122700	Pathogenic	Uncertain significance
4153	c. 5470A>G	rs587782026	Benign	Uncertain significance
4154	c. 5468-4C>A		Benign	Uncertain significance
4155	c. 5458G>A	rs398122698	Pathogenic	Uncertain significance
4156	c. 5447C>G		Benign	Uncertain significance
4157	c. 5447C>A	rs1567757864	Pathogenic	Uncertain significance

4158	c. 5444G>C	rs80356962	Benign	Uncertain significance
4159	c. 5441C>A		Benign	Uncertain significance
4160	c. 5438A>T	rs1555574715	Benign	Uncertain significance
4161	c. 5437G>T	rs1303996018	Pathogenic	Uncertain significance
4162	c. 5433G>C	rs4438367	Benign	Uncertain significance
4163	c. 5429T>C	rs80357451	Benign	Uncertain significance
4164	c. 5429T>G	rs80357451	Benign	Uncertain significance
4165	c. 5426T>C	rs80357216	Benign	Uncertain significance
4166	c. 5425G>A	rs28897698	Pathogenic	Uncertain significance
4167	c. 5423T>G	rs80357358	Benign	Uncertain significance
4168	c. 5423T>A	rs80357358	Benign	Uncertain significance
4169	c. 5423T>C	rs80357358	Benign	Uncertain significance
4170	c. 5422G>T	rs1555574756	Benign	Uncertain significance
4171	c. 5419A>T		Benign	Uncertain significance
4172	c. 5416C>T		Benign	Uncertain significance
4173	c. 5413C>T	rs587782873	Benign	Uncertain significance
4174	c. 5408G>T	rs80357149	Benign	Uncertain significance
4175	c. 5407G>T		Benign	Uncertain significance
4176	c. 5407G>A	rs876659510	Pathogenic	Uncertain significance
4177	c. 5404A>C	rs1555575080	Benign	Uncertain significance
4178	c. 5401G>A	rs587776492	Pathogenic	Uncertain significance
4179	c. 5399T>G		Benign	Uncertain significance
4180	c. 5396C>T	rs786201945	Benign	Uncertain significance
4181	c. 5387C>T	rs80357055	Benign	Uncertain significance
4182	c. 5383C>A	rs878854958	Benign	Uncertain significance
4183	c. 5383C>T	rs878854958	Benign	Uncertain significance
4184	c. 5378A>C	rs730881446	Benign	Uncertain significance
4185	c. 5374G>A	rs1555575131	Pathogenic	Uncertain significance
4186	c. 5374G>C	rs1555575131	Benign	Uncertain significance
4187	c. 5372T>C	rs864622244	Benign	Uncertain significance
4188	c. 5371G>A	rs145758886	Pathogenic	Uncertain significance
4189	c. 5371G>T	rs145758886	Benign	Uncertain significance
4190	c. 5368T>C	rs1567758993	Benign	Uncertain significance
4191	c. 5365G>C	rs80357078	Benign	Uncertain significance
4192	c. 5363G>A	rs80357069	Pathogenic	Uncertain significance
4193	c. 5360G>A		Pathogenic	Uncertain significance
4194	c. 5354A>C	rs876660057	Benign	Uncertain significance
4195	c. 5350G>A	rs1060502328	Pathogenic	Uncertain significance
4196	c. 5349G>A	rs587782019	Pathogenic	Uncertain significance
4197	c. 5347A>G	rs80357012	Benign	Uncertain significance
4198	c. 5343A>C	rs1555575182	Benign	Uncertain significance
4199	c. 5341G>A		Pathogenic	Uncertain significance
4200	c. 5339T>A	rs80357474	Benign	Uncertain significance
4201	c. 5339T>G	rs80357474	Benign	Uncertain significance
4202	c. 5335C>G		Pathogenic	Uncertain significance
4203	c. 5332+78C>A	rs273901763	Benign	Uncertain significance
4204	c. 5332G>C	rs80357112	Benign	Uncertain significance
4205	c. 5330C>T	rs398122696	Benign	Uncertain significance
4206	c. 5329A>T	rs879255296	Benign	Uncertain significance
4207	c. 5327C>T	rs398122695	Benign	Uncertain significance
4208	c. 5326C>T	rs1800757	Benign	Uncertain significance
4209	c. 5325G>A	rs1135401885	Pathogenic	Uncertain significance
4210	c. 5324T>C		Benign	Uncertain significance
4211	c. 5321A>G	rs587781770	Benign	Uncertain significance

4212	c. 5320A>C		Benign	Uncertain significance
4213	c. 5318C>T	rs80357428	Benign	Uncertain significance
4214	c. 5315T>G	rs1555575700	Benign	Uncertain significance
4215	c. 5312C>T	rs80357025	Benign	Uncertain significance
4216	c. 5312C>G	rs80357025	Benign	Uncertain significance
4217	c. 5311C>T		Benign	Uncertain significance
4218	c. 5309G>C	rs863224765	Pathogenic	Uncertain significance
4219	c. 5303G>A	rs730881497	Pathogenic	Uncertain significance
4220	c. 5302T>G	rs431825416	Benign	Uncertain significance
4221	c. 5300G>C		Benign	Uncertain significance
4222	c. 5299T>C	rs1567760645	Benign	Uncertain significance
4223	c. 5296A>G	rs886039314	Benign	Uncertain significance
4224	c. 5288G>T	rs80357007	Benign	Uncertain significance
4225	c. 5287G>C	rs876660907	Pathogenic	Uncertain significance
4226	c. 5285G>C		Benign	Uncertain significance
4227	c. 5285G>T	rs398122694	Benign	Uncertain significance
4228	c. 5282T>G	rs80356905	Benign	Uncertain significance
4229	c. 5281T>C	rs1567760717	Benign	Uncertain significance
4230	c. 5277+77C>A	rs273901758	Benign	Uncertain significance
4231	c. 5277+7C>T		Benign	Uncertain significance
4232	c. 5276A>G	rs431825415	Benign	Uncertain significance
4233	c. 5272A>G		Pathogenic	Uncertain significance
4234	c. 5271C>A		Benign	Uncertain significance
4235	c. 5269G>A	rs863224764	Pathogenic	Uncertain significance
4236	c. 5269G>T	rs863224764	Pathogenic	Uncertain significance
4237	c. 5269G>C	rs863224764	Benign	Uncertain significance
4238	c. 5267A>G	rs1567764257	Pathogenic	Uncertain significance
4239	c. 5265C>T	rs1555576855	Benign	Uncertain significance
4240	c. 5264C>T	rs1555576858	Benign	Uncertain significance
4241	c. 5260G>C	rs80357432	Benign	Uncertain significance
4242	c. 5259A>T	rs771577266	Pathogenic	Uncertain significance
4243	c. 5255C>G	rs80357028	Benign	Uncertain significance
4244	c. 5255C>T	rs80357028	Pathogenic	Uncertain significance
4245	c. 5254G>A	rs80357074	Pathogenic	Uncertain significance
4246	c. 5252G>T	rs80357442	Benign	Uncertain significance
4247	c. 5251C>G	rs80357123	Benign	Uncertain significance
4248	c. 5246C>T	rs80357462	Benign	Uncertain significance
4249	c. 5245C>A	rs397509244	Benign	Uncertain significance
4250	c. 5243G>T	rs397509243	Pathogenic	Uncertain significance
4251	c. 5238C>G	rs786202389	Benign	Uncertain significance
4252	c. 5237A>C	rs876659991	Benign	Uncertain significance
4253	c. 5236C>G	rs80357146	Benign	Uncertain significance
4254	c. 5236C>T	rs80357146	Benign	Uncertain significance
4255	c. 5236C>A	rs80357146	Benign	Uncertain significance
4256	c. 5234A>G	rs1567764456	Benign	Uncertain significance
4257	c. 5231G>A	rs1567764460	Pathogenic	Uncertain significance
4258	c. 5228G>C	rs1346819781	Benign	Uncertain significance
4259	c. 5225A>G	rs864622104	Benign	Uncertain significance
4260	c. 5224A>G		Pathogenic	Uncertain significance
4261	c. 5222T>G	rs80357023	Benign	Uncertain significance
4262	c. 5221G>A	rs876659122	Pathogenic	Uncertain significance
4263	c. 5219T>C	rs1555576951	Benign	Uncertain significance
4264	c. 5217T>G	rs80357340	Benign	Uncertain significance
4265	c. 5215G>C	rs80357283	Benign	Uncertain significance

4266	c. 5215G>A	rs80357283	Pathogenic	Uncertain significance
4267	c. 5215G>T	rs80357283	Pathogenic	Uncertain significance
4268	c. 5205A>T	rs431825412	Pathogenic	Uncertain significance
4269	c. 5202T>G	rs869320780	Benign	Uncertain significance
4270	c. 5201T>G		Benign	Uncertain significance
4271	c. 5200T>A	rs80356957	Pathogenic	Uncertain significance
4272	c. 5200T>C	rs80356957	Benign	Uncertain significance
4273	c. 5198A>T	rs80357270	Benign	Uncertain significance
4274	c. 5197G>C	rs398122693	Benign	Uncertain significance
4275	c. 5197G>A	rs398122693	Pathogenic	Uncertain significance
4276	c. 5196T>A		Benign	Uncertain significance
4277	c. 5195A>G		Benign	Uncertain significance
4278	c. 5193+13T>A	rs273901750	Benign	Uncertain significance
4279	c. 5191G>A	rs397507244	Pathogenic	Uncertain significance
4280	c. 5189A>T	rs80357171	Benign	Uncertain significance
4281	c. 5186T>C		Benign	Uncertain significance
4282	c. 5186T>A	rs730881496	Benign	Uncertain significance
4283	c. 5179A>C	rs80357347	Benign	Uncertain significance
4284	c. 5177G>C	rs786203547	Benign	Uncertain significance
4285	c. 5177G>T	rs786203547	Pathogenic	Uncertain significance
4286	c. 5175A>C	rs191373374	Benign	Uncertain significance
4287	c. 5172A>C	rs879254150	Benign	Uncertain significance
4288	c. 5168T>C	rs1064793533	Benign	Uncertain significance
4289	c. 5168T>A	rs1064793533	Benign	Uncertain significance
4290	c. 5167A>G	rs1426821558	Pathogenic	Uncertain significance
4291	c. 5165C>A	rs80357104	Pathogenic	Uncertain significance
4292	c. 5161C>G	rs878854957	Benign	Uncertain significance
4293	c. 5156T>C		Benign	Uncertain significance
4294	c. 5156T>G	rs1247437511	Benign	Uncertain significance
4295	c. 5155G>A		Pathogenic	Uncertain significance
4296	c. 5155G>T	rs749465132	Benign	Uncertain significance
4297	c. 5153G>T		Benign	Uncertain significance
4298	c. 5153-42T>A	rs273901747	Benign	Uncertain significance
4299	c. 5153-66T>A	rs273901748	Benign	Uncertain significance
4300	c. 5152T>G	rs1567769155	Benign	Uncertain significance
4301	c. 5147A>C	rs587782456	Benign	Uncertain significance
4302	c. 5147A>G	rs587782456	Pathogenic	Uncertain significance
4303	c. 5146T>C		Benign	Uncertain significance
4304	c. 5146T>A		Benign	Uncertain significance
4305	c. 5145C>A	rs80357094	Pathogenic	Uncertain significance
4306	c. 5144G>T	rs45444999	Benign	Uncertain significance
4307	c. 5141T>C	rs80357243	Benign	Uncertain significance
4308	c. 5140G>T	rs1567769244	Benign	Uncertain significance
4309	c. 5137G>A	rs1064793309	Pathogenic	Uncertain significance
4310	c. 5133A>G		Benign	Uncertain significance
4311	c. 5131A>C	rs886040272	Benign	Uncertain significance
4312	c. 5129G>A	rs398122691	Benign	Uncertain significance
4313	c. 5128G>A		Pathogenic	Uncertain significance
4314	c. 5126G>A	rs786204269	Pathogenic	Uncertain significance
4315	c. 5125G>A	rs886038197	Benign	Uncertain significance
4316	c. 5123C>T	rs28897696	Benign	Uncertain significance
4317	c. 5122G>A	rs397507243	Pathogenic	Uncertain significance
4318	c. 5120T>C	rs1064796143	Benign	Uncertain significance
4319	c. 5120T>G	rs1064796143	Benign	Uncertain significance

4320	c. 5119A>C		Benign	Uncertain significance
4321	c. 5116G>C	rs886040864	Benign	Uncertain significance
4322	c. 5114T>G	rs397507242	Benign	Uncertain significance
4323	c. 5113C>G	rs80356858	Benign	Uncertain significance
4324	c. 5111T>A	rs1555578598	Pathogenic	Uncertain significance
4325	c. 5110T>C	rs1555578599	Benign	Uncertain significance
4326	c. 5107T>G	rs863224763	Benign	Uncertain significance
4327	c. 5107T>C	rs863224763	Benign	Uncertain significance
4328	c. 5102T>C		Benign	Uncertain significance
4329	c. 5101C>A	rs910555398	Benign	Uncertain significance
4330	c. 5098A>C	rs397509227	Benign	Uncertain significance
4331	c. 5096G>T	rs41293459	Benign	Uncertain significance
4332	c. 5096G>C	rs41293459	Benign	Uncertain significance
4333	c. 5091T>G		Benign	Uncertain significance
4334	c. 5089T>A	rs80356993	Benign	Uncertain significance
4335	c. 5087T>C	rs397509226	Benign	Uncertain significance
4336	c. 5086G>A	rs80357125	Pathogenic	Uncertain significance
4337	c. 5086G>T	rs80357125	Benign	Uncertain significance
4338	c. 5086G>C	rs80357125	Benign	Uncertain significance
4339	c. 5085T>A	rs80357387	Pathogenic	Uncertain significance
4340	c. 5081A>G	rs1567769562	Pathogenic	Uncertain significance
4341	c. 5080G>A	rs80356896	Pathogenic	Uncertain significance
4342	c. 5078C>T	rs1567769586	Benign	Uncertain significance
4343	c. 5075A>C	rs397509222	Benign	Uncertain significance
4344	c. 5075A>T	rs397509222	Benign	Uncertain significance
4345	c. 5075-4G>T		Benign	Uncertain significance
4346	c. 5074+7C>T		Benign	Uncertain significance
4347	c. 5074+4T>A		Benign	Uncertain significance
4348	c. 5073A>C	rs80356853	Benign	Uncertain significance
4349	c. 5073A>G	rs80356853	Pathogenic	Uncertain significance
4350	c. 5071A>G	rs397509219	Benign	Uncertain significance
4351	c. 5067G>A		Pathogenic	Uncertain significance
4352	c. 5066T>C	rs80357061	Benign	Uncertain significance
4353	c. 5065A>C	rs1555579619	Benign	Uncertain significance
4354	c. 5065A>G	rs1555579619	Pathogenic	Uncertain significance
4355	c. 5064T>C	rs1567771967	Benign	Uncertain significance
4356	c. 5063T>C		Benign	Uncertain significance
4357	c. 5060T>G	rs1555579627	Benign	Uncertain significance
4358	c. 5057A>C	rs730882166	Benign	Uncertain significance
4359	c. 5056C>T	rs1555579648	Benign	Uncertain significance
4360	c. 5050A>T		Pathogenic	Uncertain significance
4361	c. 5050A>G	rs879255491	Benign	Uncertain significance
4362	c. 5050A>C	rs879255491	Benign	Uncertain significance
4363	c. 5048A>G		Pathogenic	Uncertain significance
4364	c. 5045A>T	rs80357265	Pathogenic	Uncertain significance
4365	c. 5044G>C		Benign	Uncertain significance
4366	c. 5042C>T	rs766784305	Benign	Uncertain significance
4367	c. 5041A>C	rs876659314	Benign	Uncertain significance
4368	c. 5036T>C	rs760038328	Benign	Uncertain significance
4369	c. 5035C>G		Benign	Uncertain significance
4370	c. 5030C>T	rs876660263	Benign	Uncertain significance
4371	c. 5028A>T	rs1064793596	Benign	Uncertain significance
4372	c. 5023A>T		Benign	Uncertain significance
4373	c. 5018A>G	rs1064793913	Benign	Uncertain significance

4374	c. 5015A>T	rs1567772328	Benign	Uncertain significance
4375	c. 5006C>T	rs1057518640	Benign	Uncertain significance
4376	c. 5003T>G	rs1567772408	Benign	Uncertain significance
4377	c. 5003T>C	rs1567772408	Benign	Uncertain significance
4378	c. 5002T>A	rs587781472	Benign	Uncertain significance
4379	c. 5000A>G	rs1057519495	Benign	Uncertain significance
4380	c. 4999A>G	rs80357204	Benign	Uncertain significance
4381	c. 4997A>G	rs397509216	Pathogenic	Uncertain significance
4382	c. 4994T>G		Benign	Uncertain significance
4383	c. 4993G>T		Benign	Uncertain significance
4384	c. 4993G>C	rs80357169	Benign	Uncertain significance
4385	c. 4988T>A	rs80357205	Benign	Uncertain significance
4386	c. 4987A>T	rs80357117	Benign	Uncertain significance
4387	c. 4981G>A	rs80357401	Pathogenic	Uncertain significance
4388	c. 4973C>A	rs1015073230	Benign	Uncertain significance
4389	c. 4967G>A	rs80357414	Benign	Uncertain significance
4390	c. 4957G>A	rs80357261	Benign	Uncertain significance
4391	c. 4955T>A	rs80356968	Benign	Uncertain significance
4392	c. 4954A>G	rs1348949389	Benign	Uncertain significance
4393	c. 4952C>T	rs80356938	Benign	Uncertain significance
4394	c. 4951T>C	rs879254042	Benign	Uncertain significance
4395	c. 4950G>A		Pathogenic	Uncertain significance
4396	c. 4949T>C	rs778487856	Benign	Uncertain significance
4397	c. 4946G>C	rs876660509	Benign	Uncertain significance
4398	c. 4942A>G		Benign	Uncertain significance
4399	c. 4934G>T	rs70953661	Benign	Uncertain significance
4400	c. 4933A>G	rs80356926	Benign	Uncertain significance
4401	c. 4931A>G	rs80357016	Benign	Uncertain significance
4402	c. 4922C>T		Benign	Uncertain significance
4403	c. 4921G>A	rs1800726	Pathogenic	Uncertain significance
4404	c. 4918A>G	rs1555580683	Benign	Uncertain significance
4405	c. 4916T>C	rs1567774676	Benign	Uncertain significance
4406	c. 4910C>A	rs80357048	Pathogenic	Uncertain significance
4407	c. 4909C>T	rs876659989	Benign	Uncertain significance
4408	c. 4903G>C	rs200432771	Benign	Uncertain significance
4409	c. 4903G>A	rs200432771	Pathogenic	Uncertain significance
4410	c. 4900A>G		Pathogenic	Uncertain significance
4411	c. 4899C>A	rs1567774741	Benign	Uncertain significance
4412	c. 4897A>C	rs1555580711	Benign	Uncertain significance
4413	c. 4895T>G	rs1397965282	Benign	Uncertain significance
4414	c. 4894G>C	rs770193975	Pathogenic	Uncertain significance
4415	c. 4894G>A	rs770193975	Pathogenic	Uncertain significance
4416	c. 4894G>T	rs770193975	Benign	Uncertain significance
4417	c. 4893T>A	rs80356850	Benign	Uncertain significance
4418	c. 4892G>A	rs273901742	Benign	Uncertain significance
4419	c. 4891A>T	rs786202734	Pathogenic	Uncertain significance
4420	c. 4884G>T	rs80357158	Benign	Uncertain significance
4421	c. 4879G>T		Benign	Uncertain significance
4422	c. 4879G>A	rs774505084	Pathogenic	Uncertain significance
4423	c. 4874A>G	rs730881494	Pathogenic	Uncertain significance
4424	c. 4873T>A		Pathogenic	Uncertain significance
4425	c. 4871G>A	rs1555580767	Pathogenic	Uncertain significance
4426	c. 4865C>G	rs786202573	Benign	Uncertain significance
4427	c. 4864A>G	rs786202026	Pathogenic	Uncertain significance

4428	c. 4862A>C	rs1555580777	Benign	Uncertain significance
4429	c. 4856C>T	rs876659163	Benign	Uncertain significance
4430	c. 4853A>G	rs1277159752	Pathogenic	Uncertain significance
4431	c. 4852C>T	rs755920262	Benign	Uncertain significance
4432	c. 4852C>A	rs755920262	Benign	Uncertain significance
4433	c. 4844C>T	rs1555580805	Benign	Uncertain significance
4434	c. 4843G>C		Benign	Uncertain significance
4435	c. 4843G>A	rs80356987	Pathogenic	Uncertain significance
4436	c. 4841C>T	rs766305255	Benign	Uncertain significance
4437	c. 4838G>A	rs1555580821	Benign	Uncertain significance
4438	c. 4836G>C	rs747688901	Benign	Uncertain significance
4439	c. 4826A>G	rs483353096	Benign	Uncertain significance
4440	c. 4823C>T	rs80357072	Pathogenic	Uncertain significance
4441	c. 4822G>A	rs1567775064	Pathogenic	Uncertain significance
4442	c. 4814T>C		Benign	Uncertain significance
4443	c. 4813T>A	rs80356833	Benign	Uncertain significance
4444	c. 4813T>G	rs80356833	Benign	Uncertain significance
4445	c. 4811A>G	rs80357439	Benign	Uncertain significance
4446	c. 4810C>G		Benign	Uncertain significance
4447	c. 4808C>T	rs1064794054	Benign	Uncertain significance
4448	c. 4804G>T		Benign	Uncertain significance
4449	c. 4801A>C	rs80357303	Benign	Uncertain significance
4450	c. 4796C>T		Benign	Uncertain significance
4451	c. 4795G>A		Pathogenic	Uncertain significance
4452	c. 4790C>A	rs587781623	Benign	Uncertain significance
4453	c. 4789A>G	rs80357187	Benign	Uncertain significance
4454	c. 4787C>T	rs80357429	Benign	Uncertain significance
4455	c. 4786T>G		Benign	Uncertain significance
4456	c. 4783T>A		Benign	Uncertain significance
4457	c. 4783T>C	rs1325644035	Benign	Uncertain significance
4458	c. 4781C>A	rs1301724072	Benign	Uncertain significance
4459	c. 4780C>T	rs587782012	Benign	Uncertain significance
4460	c. 4780C>G	rs587782012	Benign	Uncertain significance
4461	c. 4777A>G	rs397509197	Benign	Uncertain significance
4462	c. 4774A>C	rs1567775261	Benign	Uncertain significance
4463	c. 4772G>A	rs1555580956	Benign	Uncertain significance
4464	c. 4771G>A	rs587782825	Pathogenic	Uncertain significance
4465	c. 4769T>C	rs773524529	Benign	Uncertain significance
4466	c. 4765C>G	rs80357002	Benign	Uncertain significance
4467	c. 4751C>T	rs1060502323	Benign	Uncertain significance
4468	c. 4748G>A	rs752624544	Pathogenic	Uncertain significance
4469	c. 4739C>A	rs80357411	Pathogenic	Uncertain significance
4470	c. 4739C>T	rs80357411	Benign	Uncertain significance
4471	c. 4733A>G	rs80356930	Benign	Uncertain significance
4472	c. 4730C>T	rs273901741	Benign	Uncertain significance
4473	c. 4730C>A	rs273901741	Pathogenic	Uncertain significance
4474	c. 4727A>G	rs876659007	Benign	Uncertain significance
4475	c. 4726G>A	rs1060502355	Pathogenic	Uncertain significance
4476	c. 4724C>A	rs80357052	Benign	Uncertain significance
4477	c. 4717G>C	rs1188628175	Benign	Uncertain significance
4478	c. 4713C>G	rs768945711	Benign	Uncertain significance
4479	c. 4712T>C	rs273901740	Benign	Uncertain significance
4480	c. 4704C>T	rs886037793	Benign	Uncertain significance
4481	c. 4702A>G	rs80357119	Benign	Uncertain significance

4482	c. 4700G>T	rs1555581074	Pathogenic	Uncertain significance
4483	c. 4699G>A	rs568753972	Pathogenic	Uncertain significance
4484	c. 4698T>G	rs1246456207	Benign	Uncertain significance
4485	c. 4697C>G	rs1060502325	Pathogenic	Uncertain significance
4486	c. 4697C>A	rs1060502325	Pathogenic	Uncertain significance
4487	c. 4696T>G	rs730881493	Benign	Uncertain significance
4488	c. 4693G>A	rs863224762	Pathogenic	Uncertain significance
4489	c. 4685C>T	rs80357096	Benign	Uncertain significance
4490	c. 4682C>A	rs56158747	Benign	Uncertain significance
4491	c. 4679G>T	rs564757581	Pathogenic	Uncertain significance
4492	c. 4677G>C	rs587781876	Benign	Uncertain significance
4493	c. 4675+3A>C		Benign	Uncertain significance
4494	c. 4674A>G	rs996042036	Pathogenic	Uncertain significance
4495	c. 4673T>G		Benign	Uncertain significance
4496	c. 4672C>G	rs1555581794	Benign	Uncertain significance
4497	c. 4671T>G		Benign	Uncertain significance
4498	c. 4670A>G	rs869320779	Benign	Uncertain significance
4499	c. 4669G>A	rs80356906	Benign	Uncertain significance
4500	c. 4669G>T	rs80356906	Pathogenic	Uncertain significance
4501	c. 4669G>C	rs80356906	Benign	Uncertain significance
4502	c. 4667A>G	rs1555581811	Benign	Uncertain significance
4503	c. 4664G>A	rs786202165	Benign	Uncertain significance
4504	c. 4649C>T	rs80357076	Benign	Uncertain significance
4505	c. 4647A>C	rs1371814796	Benign	Uncertain significance
4506	c. 4646A>T	rs876659001	Pathogenic	Uncertain significance
4507	c. 4641G>C		Benign	Uncertain significance
4508	c. 4641G>T	rs864622265	Pathogenic	Uncertain significance
4509	c. 4639T>G	rs730881492	Pathogenic	Uncertain significance
4510	c. 4639T>A	rs730881492	Pathogenic	Uncertain significance
4511	c. 4636G>C	rs28897691	Benign	Uncertain significance
4512	c. 4634A>G		Benign	Uncertain significance
4513	c. 4631C>T	rs80356917	Benign	Uncertain significance
4514	c. 4618G>C		Benign	Uncertain significance
4515	c. 4616T>C	rs377629427	Benign	Uncertain significance
4516	c. 4606G>C	rs876660460	Benign	Uncertain significance
4517	c. 4603G>A	rs80357366	Pathogenic	Uncertain significance
4518	c. 4597G>A	rs899108857	Pathogenic	Uncertain significance
4519	c. 4597G>T	rs899108857	Pathogenic	Uncertain significance
4520	c. 4594G>A	rs786201658	Pathogenic	Uncertain significance
4521	c. 4591G>T		Pathogenic	Uncertain significance
4522	c. 4591G>A	rs1555581897	Pathogenic	Uncertain significance
4523	c. 4589A>C	rs398122689	Benign	Uncertain significance
4524	c. 4588A>C		Benign	Uncertain significance
4525	c. 4583T>C	rs1555581911	Benign	Uncertain significance
4526	c. 4580A>G		Pathogenic	Uncertain significance
4527	c. 4579G>A	rs80357237	Pathogenic	Uncertain significance
4528	c. 4576G>A	rs878853294	Pathogenic	Uncertain significance
4529	c. 4574A>G	rs786203386	Benign	Uncertain significance
4530	c. 4571C>G	rs1555581944	Benign	Uncertain significance
4531	c. 4568C>T	rs1555581955	Benign	Uncertain significance
4532	c. 4567C>G		Pathogenic	Uncertain significance
4533	c. 4564T>C	rs1567778091	Benign	Uncertain significance
4534	c. 4559G>C	rs1555581971	Benign	Uncertain significance
4535	c. 4555A>G	rs1567778111	Benign	Uncertain significance

4536	c. 4552C>A	rs80356881	Pathogenic	Uncertain significance
4537	c. 4552C>G	rs80356881	Pathogenic	Uncertain significance
4538	c. 4550T>C	rs1555581980	Benign	Uncertain significance
4539	c. 4549C>T		Benign	Uncertain significance
4540	c. 4549C>G	rs137894496	Benign	Uncertain significance
4541	c. 4541C>T	rs863224761	Benign	Uncertain significance
4542	c. 4534A>G		Pathogenic	Uncertain significance
4543	c. 4534A>T	rs80357137	Pathogenic	Uncertain significance
4544	c. 4533C>A	rs1567778195	Benign	Uncertain significance
4545	c. 4532A>C	rs1555582004	Benign	Uncertain significance
4546	c. 4530G>A	rs1555582010	Pathogenic	Uncertain significance
4547	c. 4529T>C	rs1064794378	Benign	Uncertain significance
4548	c. 4526A>G	rs1555582023	Pathogenic	Uncertain significance
4549	c. 4519A>G	rs1567778299	Pathogenic	Uncertain significance
4550	c. 4514A>G		Benign	Uncertain significance
4551	c. 4514A>T	rs1567778319	Benign	Uncertain significance
4552	c. 4513G>C	rs1555582052	Benign	Uncertain significance
4553	c. 4510T>G	rs1567778337	Benign	Uncertain significance
4554	c. 4505C>T		Benign	Uncertain significance
4555	c. 4504C>T	rs80357383	Benign	Uncertain significance
4556	c. 4493C>G	rs1555582079	Benign	Uncertain significance
4557	c. 4492C>T		Benign	Uncertain significance
4558	c. 4485G>C	rs1064793833	Benign	Uncertain significance
4559	c. 4484+3A>C		Benign	Uncertain significance
4560	c. 4481A>G	rs758779691	Benign	Uncertain significance
4561	c. 4480G>A	rs80357148	Pathogenic	Uncertain significance
4562	c. 4477G>A	rs949577051	Benign	Uncertain significance
4563	c. 4475G>A		Pathogenic	Uncertain significance
4564	c. 4474G>A		Pathogenic	Uncertain significance
4565	c. 4471C>T		Benign	Uncertain significance
4566	c. 4471C>A	rs111034213	Benign	Uncertain significance
4567	c. 4470A>T	rs1555582549	Benign	Uncertain significance
4568	c. 4466A>G	rs587781880	Benign	Uncertain significance
4569	c. 4463A>C	rs1567779520	Benign	Uncertain significance
4570	c. 4460A>G	rs80357126	Benign	Uncertain significance
4571	c. 4458T>G	rs879255285	Benign	Uncertain significance
4572	c. 4456A>T	rs397507232	Pathogenic	Uncertain significance
4573	c. 4454C>G		Benign	Uncertain significance
4574	c. 4454C>T	rs80356870	Benign	Uncertain significance
4575	c. 4450T>G	rs80357404	Benign	Uncertain significance
4576	c. 4450T>A	rs80357404	Benign	Uncertain significance
4577	c. 4449T>A	rs1555582581	Benign	Uncertain significance
4578	c. 4447A>C	rs1555582583	Benign	Uncertain significance
4579	c. 4446T>G	rs1555582586	Benign	Uncertain significance
4580	c. 4445A>G		Benign	Uncertain significance
4581	c. 4445A>T	rs757726297	Benign	Uncertain significance
4582	c. 4441G>A	rs1135401828	Pathogenic	Uncertain significance
4583	c. 4435G>C	rs786203524	Benign	Uncertain significance
4584	c. 4434G>C	rs1555582594	Benign	Uncertain significance
4585	c. 4430T>C	rs876660550	Benign	Uncertain significance
4586	c. 4429T>G		Benign	Uncertain significance
4587	c. 4427A>C	rs750437234	Benign	Uncertain significance
4588	c. 4423G>T	rs876660940	Pathogenic	Uncertain significance
4589	c. 4420G>A	rs1555582616	Pathogenic	Uncertain significance

4590	c. 4417T>C	rs398122686	Benign	Uncertain significance
4591	c. 4414C>T	rs200582930	Benign	Uncertain significance
4592	c. 4412G>A	rs587782708	Benign	Uncertain significance
4593	c. 4412G>T	rs587782708	Benign	Uncertain significance
4594	c. 4412G>C	rs587782708	Benign	Uncertain significance
4595	c. 4411G>A	rs1567779701	Benign	Uncertain significance
4596	c. 4405C>A		Benign	Uncertain significance
4597	c. 4405C>T	rs80356960	Benign	Uncertain significance
4598	c. 4402A>G	rs80357022	Benign	Uncertain significance
4599	c. 4396A>T	rs1064794830	Pathogenic	Uncertain significance
4600	c. 4393A>G		Pathogenic	Uncertain significance
4601	c. 4390C>G		Pathogenic	Uncertain significance
4602	c. 4390C>T	rs1259139517	Benign	Uncertain significance
4603	c. 4390C>A	rs1259139517	Pathogenic	Uncertain significance
4604	c. 4385A>T		Pathogenic	Uncertain significance
4605	c. 4384G>A	rs141255461	Pathogenic	Uncertain significance
4606	c. 4383T>A	rs431825408	Benign	Uncertain significance
4607	c. 4382G>C	rs1555582692	Benign	Uncertain significance
4608	c. 4379G>A	rs397509167	Pathogenic	Uncertain significance
4609	c. 4376A>G	rs1555582697	Benign	Uncertain significance
4610	c. 4370C>T		Benign	Uncertain significance
4611	c. 4369T>A		Benign	Uncertain significance
4612	c. 4367C>T		Benign	Uncertain significance
4613	c. 4366A>G	rs786201835	Benign	Uncertain significance
4614	c. 4360G>A	rs1555582714	Pathogenic	Uncertain significance
4615	c. 4358C>T	rs1171055085	Benign	Uncertain significance
4616	c. 4358-1G>T		Benign	Uncertain significance
4617	c. 4358-6T>C	rs1135401875	Benign	Uncertain significance
4618	c. 4357G>T	rs1555583984	Benign	Uncertain significance
4619	c. 4351G>A	rs1555583989	Pathogenic	Uncertain significance
4620	c. 4349C>T	rs886040226	Benign	Uncertain significance
4621	c. 4344C>G		Benign	Uncertain significance
4622	c. 4339C>A	rs80357067	Benign	Uncertain significance
4623	c. 4338A>T	rs1555584018	Benign	Uncertain significance
4624	c. 4337A>G	rs1273755215	Benign	Uncertain significance
4625	c. 4337A>C	rs1273755215	Benign	Uncertain significance
4626	c. 4333C>A	rs876660684	Benign	Uncertain significance
4627	c. 4331A>T		Benign	Uncertain significance
4628	c. 4319A>G	rs786202288	Pathogenic	Uncertain significance
4629	c. 4318G>A		Pathogenic	Uncertain significance
4630	c. 4318G>C	rs1555584070	Benign	Uncertain significance
4631	c. 4312G>A		Pathogenic	Uncertain significance
4632	c. 4310C>T	rs1555584083	Benign	Uncertain significance
4633	c. 4305C>G	rs730881445	Benign	Uncertain significance
4634	c. 4304A>T		Benign	Uncertain significance
4635	c. 4304A>G	rs876660809	Benign	Uncertain significance
4636	c. 4300A>G		Benign	Uncertain significance
4637	c. 4297A>G	rs541512953	Pathogenic	Uncertain significance
4638	c. 4292C>T	rs748839289	Benign	Uncertain significance
4639	c. 4288C>G	rs80357466	Pathogenic	Uncertain significance
4640	c. 4288C>T	rs80357466	Benign	Uncertain significance
4641	c. 4286A>G	rs876659228	Pathogenic	Uncertain significance
4642	c. 4273C>T	rs768327850	Benign	Uncertain significance
4643	c. 4273C>G	rs768327850	Benign	Uncertain significance

4644	c. 4272G>C	rs398122684	Benign	Uncertain significance
4645	c. 4271A>G	rs1555584133	Pathogenic	Uncertain significance
4646	c. 4268G>T	rs876660129	Benign	Uncertain significance
4647	c. 4265G>A	rs747364414	Pathogenic	Uncertain significance
4648	c. 4262A>T	rs80357079	Benign	Uncertain significance
4649	c. 4260G>T	rs1567783343	Benign	Uncertain significance
4650	c. 4258C>G	rs80357305	Benign	Uncertain significance
4651	c. 4254A>T	rs1555584157	Pathogenic	Uncertain significance
4652	c. 4253T>C	rs397509157	Benign	Uncertain significance
4653	c. 4249G>A	rs1029805420	Pathogenic	Uncertain significance
4654	c. 4247C>G		Benign	Uncertain significance
4655	c. 4246G>A	rs370999077	Pathogenic	Uncertain significance
4656	c. 4243G>C	rs1057519558	Benign	Uncertain significance
4657	c. 4243G>A	rs1057519558	Pathogenic	Uncertain significance
4658	c. 4241T>G	rs878854951	Benign	Uncertain significance
4659	c. 4241T>C	rs878854951	Benign	Uncertain significance
4660	c. 4237G>A		Pathogenic	Uncertain significance
4661	c. 4234G>C		Benign	Uncertain significance
4662	c. 4234G>A	rs765183110	Benign	Uncertain significance
4663	c. 4234G>T	rs765183110	Benign	Uncertain significance
4664	c. 4233G>A	rs1567783458	Pathogenic	Uncertain significance
4665	c. 4231A>G	rs587781768	Benign	Uncertain significance
4666	c. 4223A>C	rs1555584227	Benign	Uncertain significance
4667	c. 4223A>G	rs1555584227	Pathogenic	Uncertain significance
4668	c. 4220T>G	rs80357492	Benign	Uncertain significance
4669	c. 4220T>C	rs80357492	Benign	Uncertain significance
4670	c. 4219C>G	rs397507227	Benign	Uncertain significance
4671	c. 4211T>G	rs80356916	Benign	Uncertain significance
4672	c. 4211T>C	rs80356916	Benign	Uncertain significance
4673	c. 4205A>C	rs80356882	Benign	Uncertain significance
4674	c. 4205A>G	rs80356882	Benign	Uncertain significance
4675	c. 4200G>C		Benign	Uncertain significance
4676	c. 4199T>A		Benign	Uncertain significance
4677	c. 4199T>C	rs80357473	Benign	Uncertain significance
4678	c. 4198A>G	rs80357306	Benign	Uncertain significance
4679	c. 4196C>G	rs876658465	Benign	Uncertain significance
4680	c. 4193A>G	rs761640584	Benign	Uncertain significance
4681	c. 4192G>A		Benign	Uncertain significance
4682	c. 4192G>T	rs876660331	Pathogenic	Uncertain significance
4683	c. 4190G>A	rs767421571	Pathogenic	Uncertain significance
4684	c. 4189A>C	rs886037792	Benign	Uncertain significance
4685	c. 4186C>A	rs80357011	Benign	Uncertain significance
4686	c. 4180A>C	rs1555586062	Benign	Uncertain significance
4687	c. 4178C>G	rs1555586071	Benign	Uncertain significance
4688	c. 4177A>G	rs587782870	Benign	Uncertain significance
4689	c. 4175T>C	rs778319854	Benign	Uncertain significance
4690	c. 4172T>G	rs397509146	Benign	Uncertain significance
4691	c. 4171A>G		Benign	Uncertain significance
4692	c. 4169A>G	rs1165149350	Benign	Uncertain significance
4693	c. 4168G>A	rs752300203	Pathogenic	Uncertain significance
4694	c. 4159T>C	rs876658221	Benign	Uncertain significance
4695	c. 4154T>C		Benign	Uncertain significance
4696	c. 4151G>A	rs786203545	Benign	Uncertain significance
4697	c. 4150G>A	rs1555586146	Pathogenic	Uncertain significance

4698	c. 4148C>T	rs80357071	Benign	Uncertain significance
4699	c. 4144T>A	rs786202106	Benign	Uncertain significance
4700	c. 4143C>G	rs1567788391	Benign	Uncertain significance
4701	c. 4133T>C	rs1567788422	Benign	Uncertain significance
4702	c. 4132G>T	rs28897690	Benign	Uncertain significance
4703	c. 4131C>A	rs80356871	Benign	Uncertain significance
4704	c. 4130G>A	rs1567788442	Pathogenic	Uncertain significance
4705	c. 4129A>G	rs730881491	Benign	Uncertain significance
4706	c. 4126A>G		Benign	Uncertain significance
4707	c. 4123G>A	rs80357397	Pathogenic	Uncertain significance
4708	c. 4122T>A	rs1555586200	Benign	Uncertain significance
4709	c. 4121G>A	rs1382449149	Pathogenic	Uncertain significance
4710	c. 4111G>A	rs774593602	Pathogenic	Uncertain significance
4711	c. 4105G>C		Benign	Uncertain significance
4712	c. 4103C>T		Benign	Uncertain significance
4713	c. 4102G>A	rs1064796463	Pathogenic	Uncertain significance
4714	c. 4099G>A	rs786202998	Pathogenic	Uncertain significance
4715	c. 4097G>A	rs876660948	Pathogenic	Uncertain significance
4716	c. 4096+1G>T		Pathogenic	Uncertain significance
4717	c. 4096G>C	rs431825405	Benign	Uncertain significance
4718	c. 4096G>A	rs431825405	Pathogenic	Uncertain significance
4719	c. 4088C>T	rs398122680	Benign	Uncertain significance
4720	c. 4085A>T		Benign	Uncertain significance
4721	c. 4084G>A	rs775463394	Pathogenic	Uncertain significance
4722	c. 4083G>A	rs374192364	Pathogenic	Uncertain significance
4723	c. 4082T>C		Benign	Uncertain significance
4724	c. 4075C>A		Benign	Uncertain significance
4725	c. 4075C>G	rs80357456	Benign	Uncertain significance
4726	c. 4073A>G	rs397507225	Pathogenic	Uncertain significance
4727	c. 4072G>A	rs397509136	Pathogenic	Uncertain significance
4728	c. 4071A>T	rs786201475	Pathogenic	Uncertain significance
4729	c. 4069G>C		Benign	Uncertain significance
4730	c. 4064A>G	rs1567789081	Benign	Uncertain significance
4731	c. 4063A>G	rs876660530	Pathogenic	Uncertain significance
4732	c. 4061A>G	rs767246037	Benign	Uncertain significance
4733	c. 4057G>A		Pathogenic	Uncertain significance
4734	c. 4055A>T	rs879254228	Pathogenic	Uncertain significance
4735	c. 4054G>C	rs80357202	Benign	Uncertain significance
4736	c. 4054G>A	rs80357202	Pathogenic	Uncertain significance
4737	c. 4049G>T	rs1433564897	Benign	Uncertain significance
4738	c. 4048G>C	rs748674194	Benign	Uncertain significance
4739	c. 4048G>T	rs748674194	Benign	Uncertain significance
4740	c. 4046C>G	rs80357345	Benign	Uncertain significance
4741	c. 4045A>G	rs80357231	Benign	Uncertain significance
4742	c. 4045A>C	rs80357231	Benign	Uncertain significance
4743	c. 4040G>A	rs80357210	Pathogenic	Uncertain significance
4744	c. 4034A>T		Pathogenic	Uncertain significance
4745	c. 4031A>G	rs55639854	Benign	Uncertain significance
4746	c. 4028A>T	rs775339017	Benign	Uncertain significance
4747	c. 4027G>T	rs1160287128	Pathogenic	Uncertain significance
4748	c. 4021G>A	rs762908108	Pathogenic	Uncertain significance
4749	c. 4020G>T	rs1555586637	Benign	Uncertain significance
4750	c. 4016A>G	rs886039313	Benign	Uncertain significance
4751	c. 4015G>A	rs80357021	Benign	Uncertain significance

4752	c. 4013A>G	rs1555586661	Benign	Uncertain significance
4753	c. 4011C>G	rs80356886	Benign	Uncertain significance
4754	c. 4009G>C	rs886041144	Benign	Uncertain significance
4755	c. 4006A>T	rs976725810	Pathogenic	Uncertain significance
4756	c. 3998T>C	rs1135401872	Benign	Uncertain significance
4757	c. 3996A>G	rs1567789328	Pathogenic	Uncertain significance
4758	c. 3995G>T	rs730881490	Pathogenic	Uncertain significance
4759	c. 3992A>G	rs1060502363	Pathogenic	Uncertain significance
4760	c. 3988A>T	rs1555586688	Pathogenic	Uncertain significance
4761	c. 3985G>A	rs876659467	Pathogenic	Uncertain significance
4762	c. 3980A>G	rs730881444	Pathogenic	Uncertain significance
4763	c. 3979C>G		Pathogenic	Uncertain significance
4764	c. 3976C>T	rs1567789376	Benign	Uncertain significance
4765	c. 3974G>A	rs921253348	Pathogenic	Uncertain significance
4766	c. 3971T>C		Benign	Uncertain significance
4767	c. 3970A>T	rs587782241	Benign	Uncertain significance
4768	c. 3969A>T	rs876660410	Pathogenic	Uncertain significance
4769	c. 3965A>G	rs80357042	Benign	Uncertain significance
4770	c. 3965A>C	rs80357042	Benign	Uncertain significance
4771	c. 3965A>T	rs80357042	Pathogenic	Uncertain significance
4772	c. 3964A>G	rs80357343	Benign	Uncertain significance
4773	c. 3964A>C	rs80357343	Benign	Uncertain significance
4774	c. 3962C>A	rs386833394	Benign	Uncertain significance
4775	c. 3962C>G	rs386833394	Benign	Uncertain significance
4776	c. 3955G>A	rs431825403	Pathogenic	Uncertain significance
4777	c. 3953T>C	rs1388475291	Benign	Uncertain significance
4778	c. 3952A>G	rs397509121	Benign	Uncertain significance
4779	c. 3944C>A	rs80357500	Benign	Uncertain significance
4780	c. 3941A>T	rs759916956	Benign	Uncertain significance
4781	c. 3940G>A	rs80356954	Benign	Uncertain significance
4782	c. 3938A>G	rs765729710	Pathogenic	Uncertain significance
4783	c. 3933C>A		Benign	Uncertain significance
4784	c. 3931A>G	rs864622233	Benign	Uncertain significance
4785	c. 3929C>T	rs80357257	Benign	Uncertain significance
4786	c. 3929C>G	rs80357257	Benign	Uncertain significance
4787	c. 3918G>C	rs786202068	Benign	Uncertain significance
4788	c. 3914A>T	rs431825402	Pathogenic	Uncertain significance
4789	c. 3913G>C	rs1555586799	Benign	Uncertain significance
4790	c. 3906A>T	rs1567789643	Pathogenic	Uncertain significance
4791	c. 3904G>A	rs80357461	Pathogenic	Uncertain significance
4792	c. 3903T>A	rs273900719	Benign	Uncertain significance
4793	c. 3902G>A	rs1057519496	Pathogenic	Uncertain significance
4794	c. 3901A>T	rs786203580	Pathogenic	Uncertain significance
4795	c. 3901A>G	rs786203580	Pathogenic	Uncertain significance
4796	c. 3897G>T	rs398122678	Benign	Uncertain significance
4797	c. 3896A>G	rs876660866	Pathogenic	Uncertain significance
4798	c. 3893C>T	rs80357440	Benign	Uncertain significance
4799	c. 3892T>A		Benign	Uncertain significance
4800	c. 3889T>A	rs1450793674	Benign	Uncertain significance
4801	c. 3889T>C	rs1450793674	Benign	Uncertain significance
4802	c. 3887T>G	rs1555586855	Benign	Uncertain significance
4803	c. 3886T>C		Benign	Uncertain significance
4804	c. 3881G>T		Benign	Uncertain significance
4805	c. 3878C>T	rs80357213	Benign	Uncertain significance

4806	c. 3878C>A	rs80357213	Benign	Uncertain significance
4807	c. 3877G>C	rs397507223	Benign	Uncertain significance
4808	c. 3875C>G	rs876658340	Pathogenic	Uncertain significance
4809	c. 3875C>A	rs876658340	Pathogenic	Uncertain significance
4810	c. 3874T>C	rs786203823	Benign	Uncertain significance
4811	c. 3869A>C	rs431825401	Benign	Uncertain significance
4812	c. 3868A>G	rs80357254	Benign	Uncertain significance
4813	c. 3865A>C	rs1064795449	Benign	Uncertain significance
4814	c. 3862G>C	rs876659708	Benign	Uncertain significance
4815	c. 3859G>A	rs1555586934	Pathogenic	Uncertain significance
4816	c. 3857G>C	rs142383077	Benign	Uncertain significance
4817	c. 3852C>A		Benign	Uncertain significance
4818	c. 3851A>T		Benign	Uncertain significance
4819	c. 3851A>G	rs80357499	Pathogenic	Uncertain significance
4820	c. 3847C>T	rs1555586946	Benign	Uncertain significance
4821	c. 3843G>T		Benign	Uncertain significance
4822	c. 3842A>G		Pathogenic	Uncertain significance
4823	c. 3842A>C	rs80357483	Pathogenic	Uncertain significance
4824	c. 3841C>G	rs80356866	Pathogenic	Uncertain significance
4825	c. 3839C>A		Pathogenic	Uncertain significance
4826	c. 3838T>C	rs1567789887	Benign	Uncertain significance
4827	c. 3835G>C	rs80357036	Benign	Uncertain significance
4828	c. 3835G>T	rs80357036	Benign	Uncertain significance
4829	c. 3831A>G	rs1567789910	Benign	Uncertain significance
4830	c. 3830C>T	rs730881489	Pathogenic	Uncertain significance
4831	c. 3824T>A		Benign	Uncertain significance
4832	c. 3820G>C		Pathogenic	Uncertain significance
4833	c. 3819G>C		Benign	Uncertain significance
4834	c. 3818A>T		Pathogenic	Uncertain significance
4835	c. 3816C>A	rs786201893	Benign	Uncertain significance
4836	c. 3812G>C	rs1567789989	Benign	Uncertain significance
4837	c. 3809G>A	rs1207787135	Pathogenic	Uncertain significance
4838	c. 3807C>G	rs786202569	Benign	Uncertain significance
4839	c. 3804T>G	rs140588714	Benign	Uncertain significance
4840	c. 3803A>G	rs273900716	Benign	Uncertain significance
4841	c. 3800T>C	rs587782190	Benign	Uncertain significance
4842	c. 3798C>A	rs200648498	Benign	Uncertain significance
4843	c. 3798C>G	rs200648498	Benign	Uncertain significance
4844	c. 3797G>T	rs80357160	Benign	Uncertain significance
4845	c. 3793A>C	rs1060502364	Benign	Uncertain significance
4846	c. 3792G>C		Benign	Uncertain significance
4847	c. 3791A>G	rs1555587039	Benign	Uncertain significance
4848	c. 3785C>T	rs80357269	Benign	Uncertain significance
4849	c. 3784T>C	rs1011096937	Benign	Uncertain significance
4850	c. 3783A>T	rs80356831	Benign	Uncertain significance
4851	c. 3782T>C	rs397507219	Benign	Uncertain significance
4852	c. 3778T>G	rs1555587079	Benign	Uncertain significance
4853	c. 3775A>G		Benign	Uncertain significance
4854	c. 3774G>T	rs431825399	Pathogenic	Uncertain significance
4855	c. 3772G>A	rs397509105	Pathogenic	Uncertain significance
4856	c. 3770A>G		Pathogenic	Uncertain significance
4857	c. 3769G>A	rs1567790183	Pathogenic	Uncertain significance
4858	c. 3760A>G	rs80357362	Pathogenic	Uncertain significance
4859	c. 3758C>G	rs397509100	Benign	Uncertain significance

4860	c. 3755T>C	rs1555587147	Benign	Uncertain significance
4861	c. 3753T>G	rs397509098	Benign	Uncertain significance
4862	c. 3752G>A	rs879254079	Pathogenic	Uncertain significance
4863	c. 3750G>T	rs145903082	Benign	Uncertain significance
4864	c. 3746C>G	rs80357099	Benign	Uncertain significance
4865	c. 3745A>G	rs1555587189	Pathogenic	Uncertain significance
4866	c. 3740T>C		Benign	Uncertain significance
4867	c. 3737C>T		Benign	Uncertain significance
4868	c. 3736A>G	rs587776488	Benign	Uncertain significance
4869	c. 3734G>A	rs1060502348	Pathogenic	Uncertain significance
4870	c. 3728G>A		Pathogenic	Uncertain significance
4871	c. 3720G>C	rs876658341	Benign	Uncertain significance
4872	c. 3713C>G	rs28897688	Benign	Uncertain significance
4873	c. 3710T>C	rs876660883	Benign	Uncertain significance
4874	c. 3706A>G	rs1567790509	Benign	Uncertain significance
4875	c. 3700G>C	rs763354142	Benign	Uncertain significance
4876	c. 3698A>G	rs80357141	Benign	Uncertain significance
4877	c. 3688T>A		Benign	Uncertain significance
4878	c. 3682C>T	rs1567790599	Benign	Uncertain significance
4879	c. 3681A>T	rs730881488	Benign	Uncertain significance
4880	c. 3674G>C	rs1567790638	Benign	Uncertain significance
4881	c. 3673T>G	rs1382025345	Benign	Uncertain significance
4882	c. 3667C>T	rs1555587309	Benign	Uncertain significance
4883	c. 3666G>C	rs1555587312	Benign	Uncertain significance
4884	c. 3662A>C	rs273900713	Benign	Uncertain significance
4885	c. 3659A>T	rs766572561	Benign	Uncertain significance
4886	c. 3655G>A	rs80356921	Pathogenic	Uncertain significance
4887	c. 3652A>T	rs80356894	Pathogenic	Uncertain significance
4888	c. 3652A>G	rs80356894	Pathogenic	Uncertain significance
4889	c. 3650C>G	rs398122676	Benign	Uncertain significance
4890	c. 3649T>C	rs273900712	Benign	Uncertain significance
4891	c. 3644A>G	rs786203310	Benign	Uncertain significance
4892	c. 3642G>C	rs398122675	Benign	Uncertain significance
4893	c. 3642G>T	rs398122675	Pathogenic	Uncertain significance
4894	c. 3634T>C		Benign	Uncertain significance
4895	c. 3632C>G	rs1555587377	Pathogenic	Uncertain significance
4896	c. 3629A>G	rs1060502347	Pathogenic	Uncertain significance
4897	c. 3625T>G	rs273900711	Benign	Uncertain significance
4898	c. 3622A>G	rs80357152	Benign	Uncertain significance
4899	c. 3620A>T	rs1555587402	Pathogenic	Uncertain significance
4900	c. 3619A>G	rs80357455	Benign	Uncertain significance
4901	c. 3616G>T	rs1555587407	Pathogenic	Uncertain significance
4902	c. 3614G>T		Benign	Uncertain significance
4903	c. 3613G>A	rs80357294	Pathogenic	Uncertain significance
4904	c. 3611G>C	rs1456509049	Benign	Uncertain significance
4905	c. 3607C>G	rs62625308	Benign	Uncertain significance
4906	c. 3602G>A	rs1567790971	Pathogenic	Uncertain significance
4907	c. 3601G>C	rs55725337	Pathogenic	Uncertain significance
4908	c. 3595G>T	rs1555587437	Benign	Uncertain significance
4909	c. 3587C>T	rs80356944	Benign	Uncertain significance
4910	c. 3587C>A	rs80356944	Benign	Uncertain significance
4911	c. 3586A>T	rs1340335862	Benign	Uncertain significance
4912	c. 3584A>G	rs28897685	Benign	Uncertain significance
4913	c. 3583C>G	rs876659903	Benign	Uncertain significance

4914	c. 3583C>T	rs876659903	Benign	Uncertain significance
4915	c. 3581C>T	rs80357290	Benign	Uncertain significance
4916	c. 3580A>G	rs369982706	Pathogenic	Uncertain significance
4917	c. 3572G>A	rs878854948	Pathogenic	Uncertain significance
4918	c. 3569C>T	rs755209182	Benign	Uncertain significance
4919	c. 3565A>T	rs1567791142	Pathogenic	Uncertain significance
4920	c. 3564G>C	rs879255484	Benign	Uncertain significance
4921	c. 3560G>C	rs80356975	Benign	Uncertain significance
4922	c. 3557T>A	rs1567791164	Pathogenic	Uncertain significance
4923	c. 3556C>T	rs1555587505	Benign	Uncertain significance
4924	c. 3555G>T	rs587779368	Benign	Uncertain significance
4925	c. 3548A>T	rs16942	Pathogenic	Uncertain significance
4926	c. 3545A>T	rs1555587532	Pathogenic	Uncertain significance
4927	c. 3542T>G		Benign	Uncertain significance
4928	c. 3542T>C	rs80357032	Benign	Uncertain significance
4929	c. 3541G>T		Benign	Uncertain significance
4930	c. 3540C>G		Benign	Uncertain significance
4931	c. 3539G>A	rs1064793057	Pathogenic	Uncertain significance
4932	c. 3535A>C	rs587782188	Benign	Uncertain significance
4933	c. 3533G>C	rs1294360179	Benign	Uncertain significance
4934	c. 3533G>A	rs1294360179	Pathogenic	Uncertain significance
4935	c. 3532A>G	rs1567791298	Pathogenic	Uncertain significance
4936	c. 3527T>A	rs80357027	Benign	Uncertain significance
4937	c. 3526G>A	rs777796838	Pathogenic	Uncertain significance
4938	c. 3524C>T	rs1567791322	Benign	Uncertain significance
4939	c. 3523G>A		Pathogenic	Uncertain significance
4940	c. 3521C>G		Pathogenic	Uncertain significance
4941	c. 3518G>T		Benign	Uncertain significance
4942	c. 3518G>A	rs746949187	Benign	Uncertain significance
4943	c. 3515A>G	rs80357206	Benign	Uncertain significance
4944	c. 3511A>G	rs730882164	Pathogenic	Uncertain significance
4945	c. 3510T>G		Pathogenic	Uncertain significance
4946	c. 3508A>G	rs273899708	Benign	Uncertain significance
4947	c. 3508A>T	rs273899708	Benign	Uncertain significance
4948	c. 3506A>G	rs1323940169	Benign	Uncertain significance
4949	c. 3505G>A		Pathogenic	Uncertain significance
4950	c. 3505G>T	rs876659269	Pathogenic	Uncertain significance
4951	c. 3504T>G	rs1458197554	Benign	Uncertain significance
4952	c. 3496G>C	rs745418679	Benign	Uncertain significance
4953	c. 3491G>T	rs397509075	Benign	Uncertain significance
4954	c. 3488C>T	rs80356918	Benign	Uncertain significance
4955	c. 3487A>G	rs769456095	Pathogenic	Uncertain significance
4956	c. 3484G>T	rs1555587619	Pathogenic	Uncertain significance
4957	c. 3481G>A		Benign	Uncertain significance
4958	c. 3479A>C		Benign	Uncertain significance
4959	c. 3476T>A	rs1567791496	Benign	Uncertain significance
4960	c. 3475A>G	rs876658318	Benign	Uncertain significance
4961	c. 3472G>A		Pathogenic	Uncertain significance
4962	c. 3470G>C	rs876659133	Benign	Uncertain significance
4963	c. 3466G>A	rs1064793302	Pathogenic	Uncertain significance
4964	c. 3460T>A	rs1567791553	Benign	Uncertain significance
4965	c. 3458T>C		Benign	Uncertain significance
4966	c. 3457C>G	rs1555587658	Benign	Uncertain significance
4967	c. 3454G>C	rs80357175	Benign	Uncertain significance

4968	c. 3449C>T	rs587782752	Benign	Uncertain significance
4969	c. 3440C>A	rs876660757	Pathogenic	Uncertain significance
4970	c. 3437G>A	rs80357247	Pathogenic	Uncertain significance
4971	c. 3437G>C	rs80357247	Benign	Uncertain significance
4972	c. 3436T>G	rs1567791612	Benign	Uncertain significance
4973	c. 3433G>A	rs431825396	Benign	Uncertain significance
4974	c. 3433G>T	rs431825396	Pathogenic	Uncertain significance
4975	c. 3432G>T	rs80356922	Benign	Uncertain significance
4976	c. 3428C>G	rs80357434	Pathogenic	Uncertain significance
4977	c. 3428C>T	rs80357434	Benign	Uncertain significance
4978	c. 3425C>T	rs1555587711	Benign	Uncertain significance
4979	c. 3424G>T	rs80357101	Benign	Uncertain significance
4980	c. 3424G>C	rs80357101	Benign	Uncertain significance
4981	c. 3421C>T	rs1555587727	Benign	Uncertain significance
4982	c. 3419G>A		Pathogenic	Uncertain significance
4983	c. 3418A>C	rs2227945	Benign	Uncertain significance
4984	c. 3415A>C	rs587781765	Benign	Uncertain significance
4985	c. 3411G>A	rs786202900	Pathogenic	Uncertain significance
4986	c. 3409A>G	rs771479616	Pathogenic	Uncertain significance
4987	c. 3407C>G	rs80357329	Benign	Uncertain significance
4988	c. 3406C>T		Benign	Uncertain significance
4989	c. 3406C>A	rs431825395	Benign	Uncertain significance
4990	c. 3403C>G	rs80357136	Benign	Uncertain significance
4991	c. 3401A>T	rs762744684	Pathogenic	Uncertain significance
4992	c. 3400G>A	rs80357018	Pathogenic	Uncertain significance
4993	c. 3398T>C	rs80356971	Benign	Uncertain significance
4994	c. 3394A>G	rs530464947	Pathogenic	Uncertain significance
4995	c. 3392A>T	rs1555587813	Benign	Uncertain significance
4996	c. 3392A>G	rs1555587813	Benign	Uncertain significance
4997	c. 3391G>A	rs1555587816	Pathogenic	Uncertain significance
4998	c. 3386T>C	rs1567791871	Benign	Uncertain significance
4999	c. 3385A>G		Benign	Uncertain significance
5000	c. 3383T>C	rs1555587827	Benign	Uncertain significance
5001	c. 3379T>C	rs1451089848	Benign	Uncertain significance
5002	c. 3377C>T	rs80356887	Benign	Uncertain significance
5003	c. 3374C>A	rs1555587835	Pathogenic	Uncertain significance
5004	c. 3373T>C	rs1555587839	Benign	Uncertain significance
5005	c. 3368A>T	rs1555587851	Pathogenic	Uncertain significance
5006	c. 3366A>C	rs1567791947	Benign	Uncertain significance
5007	c. 3361A>G	rs876660526	Pathogenic	Uncertain significance
5008	c. 3361A>C	rs876660526	Benign	Uncertain significance
5009	c. 3359T>A	rs1361427704	Benign	Uncertain significance
5010	c. 3358G>C		Benign	Uncertain significance
5011	c. 3358G>A	rs748894760	Pathogenic	Uncertain significance
5012	c. 3356C>G	rs863224759	Benign	Uncertain significance
5013	c. 3354G>T	rs80357334	Pathogenic	Uncertain significance
5014	c. 3347T>G	rs786203153	Benign	Uncertain significance
5015	c. 3345A>C	rs876658243	Benign	Uncertain significance
5016	c. 3344A>T	rs1555587933	Pathogenic	Uncertain significance
5017	c. 3338A>G		Pathogenic	Uncertain significance
5018	c. 3331C>G		Benign	Uncertain significance
5019	c. 3320A>G		Benign	Uncertain significance
5020	c. 3316C>T	rs45599040	Benign	Uncertain significance
5021	c. 3315T>A		Benign	Uncertain significance

5022	c. 3313C>A	rs80357288	Benign	Uncertain significance
5023	c. 3312G>C		Benign	Uncertain significance
5024	c. 3309T>C	rs80357317	Benign	Uncertain significance
5025	c. 3308G>A	rs80357135	Pathogenic	Uncertain significance
5026	c. 3308G>T	rs80357135	Benign	Uncertain significance
5027	c. 3305A>G	rs80356900	Benign	Uncertain significance
5028	c. 3301A>G		Benign	Uncertain significance
5029	c. 3298G>A	rs1555587999	Pathogenic	Uncertain significance
5030	c. 3292C>T	rs879255291	Benign	Uncertain significance
5031	c. 3289A>C		Benign	Uncertain significance
5032	c. 3289A>T	rs587782864	Pathogenic	Uncertain significance
5033	c. 3288A>G		Benign	Uncertain significance
5034	c. 3287A>G	rs273899704	Benign	Uncertain significance
5035	c. 3286C>A	rs80357485	Benign	Uncertain significance
5036	c. 3281A>G		Pathogenic	Uncertain significance
5037	c. 3280T>G		Benign	Uncertain significance
5038	c. 3280T>C	rs1555588026	Benign	Uncertain significance
5039	c. 3277G>T	rs587778117	Pathogenic	Uncertain significance
5040	c. 3276G>T	rs764458412	Benign	Uncertain significance
5041	c. 3274G>A	rs876658360	Pathogenic	Uncertain significance
5042	c. 3272C>T		Benign	Uncertain significance
5043	c. 3269A>G	rs1555588045	Benign	Uncertain significance
5044	c. 3267G>T	rs767544239	Benign	Uncertain significance
5045	c. 3263T>A	rs80356901	Benign	Uncertain significance
5046	c. 3260G>C	rs80357172	Pathogenic	Uncertain significance
5047	c. 3257T>C	rs80357006	Benign	Uncertain significance
5048	c. 3250C>A	rs879254009	Benign	Uncertain significance
5049	c. 3248T>C	rs786203958	Benign	Uncertain significance
5050	c. 3247A>C	rs397507213	Benign	Uncertain significance
5051	c. 3245C>T	rs1555588115	Benign	Uncertain significance
5052	c. 3244G>T		Benign	Uncertain significance
5053	c. 3244G>A	rs779459487	Pathogenic	Uncertain significance
5054	c. 3242A>G		Benign	Uncertain significance
5055	c. 3241A>G	rs876659928	Benign	Uncertain significance
5056	c. 3238T>G	rs754597283	Benign	Uncertain significance
5057	c. 3230G>A	rs1567792424	Benign	Uncertain significance
5058	c. 3227G>T	rs80357313	Pathogenic	Uncertain significance
5059	c. 3227G>C	rs80357313	Benign	Uncertain significance
5060	c. 3225C>G	rs778607600	Benign	Uncertain significance
5061	c. 3223A>G	rs1567792459	Benign	Uncertain significance
5062	c. 3221G>C	rs786202155	Benign	Uncertain significance
5063	c. 3220A>G	rs80357263	Pathogenic	Uncertain significance
5064	c. 3218G>A	rs757632961	Pathogenic	Uncertain significance
5065	c. 3217G>A	rs878854945	Pathogenic	Uncertain significance
5066	c. 3209C>G	rs397507212	Benign	Uncertain significance
5067	c. 3207A>T	rs1567792523	Pathogenic	Uncertain significance
5068	c. 3206A>T	rs879254151	Pathogenic	Uncertain significance
5069	c. 3200A>G	rs1555588214	Benign	Uncertain significance
5070	c. 3199A>T		Pathogenic	Uncertain significance
5071	c. 3196G>A		Pathogenic	Uncertain significance
5072	c. 3195T>G	rs1567792553	Benign	Uncertain significance
5073	c. 3194A>T	rs1555588228	Benign	Uncertain significance
5074	c. 3190A>T	rs273899702	Pathogenic	Uncertain significance
5075	c. 3185G>T	rs397507211	Pathogenic	Uncertain significance

5076	c. 3184G>A	rs1567792594	Pathogenic	Uncertain significance
5077	c. 3182T>C		Benign	Uncertain significance
5078	c. 3181A>C	rs876658975	Benign	Uncertain significance
5079	c. 3178G>C	rs80357424	Benign	Uncertain significance
5080	c. 3173T>G	rs1555588264	Benign	Uncertain significance
5081	c. 3172A>G	rs1064795478	Pathogenic	Uncertain significance
5082	c. 3170G>C		Benign	Uncertain significance
5083	c. 3170G>A	rs587776487	Pathogenic	Uncertain significance
5084	c. 3169A>C	rs80357479	Benign	Uncertain significance
5085	c. 3169A>G	rs80357479	Pathogenic	Uncertain significance
5086	c. 3167C>T	rs587781588	Benign	Uncertain significance
5087	c. 3167C>G	rs587781588	Benign	Uncertain significance
5088	c. 3166T>C	rs876659601	Benign	Uncertain significance
5089	c. 3163G>A	rs749417532	Pathogenic	Uncertain significance
5090	c. 3160G>A	rs876658479	Pathogenic	Uncertain significance
5091	c. 3159A>G		Benign	Uncertain significance
5092	c. 3159A>C	rs1567792698	Benign	Uncertain significance
5093	c. 3155A>G	rs398122672	Benign	Uncertain significance
5094	c. 3154A>G	rs768995134	Pathogenic	Uncertain significance
5095	c. 3152C>T	rs397509039	Benign	Uncertain significance
5096	c. 3151A>G	rs398122671	Pathogenic	Uncertain significance
5097	c. 3150T>G	rs1555588305	Benign	Uncertain significance
5098	c. 3149G>C		Benign	Uncertain significance
5099	c. 3148A>G		Pathogenic	Uncertain significance
5100	c. 3143G>A	rs80356899	Benign	Uncertain significance
5101	c. 3139G>A		Pathogenic	Uncertain significance
5102	c. 3136G>C	rs1555588329	Benign	Uncertain significance
5103	c. 3134A>G	rs1555588330	Benign	Uncertain significance
5104	c. 3132T>G	rs1555588333	Pathogenic	Uncertain significance
5105	c. 3131T>G		Benign	Uncertain significance
5106	c. 3128A>C	rs1228972723	Benign	Uncertain significance
5107	c. 3127A>C	rs587782630	Benign	Uncertain significance
5108	c. 3127A>G	rs587782630	Benign	Uncertain significance
5109	c. 3126C>G	rs878854943	Benign	Uncertain significance
5110	c. 3124A>C		Benign	Uncertain significance
5111	c. 3122C>T	rs397509035	Benign	Uncertain significance
5112	c. 3120C>T	rs1064794877	Benign	Uncertain significance
5113	c. 3119G>C	rs4986852	Benign	Uncertain significance
5114	c. 3116C>T	rs1173254670	Benign	Uncertain significance
5115	c. 3106T>C	rs766381694	Benign	Uncertain significance
5116	c. 3104T>C	rs1555588389	Benign	Uncertain significance
5117	c. 3097G>A	rs273899698	Pathogenic	Uncertain significance
5118	c. 3093T>C		Benign	Uncertain significance
5119	c. 3092T>G	rs863224758	Benign	Uncertain significance
5120	c. 3091A>G	rs786203979	Benign	Uncertain significance
5121	c. 3091A>T	rs786203979	Benign	Uncertain significance
5122	c. 3086A>G	rs753286589	Benign	Uncertain significance
5123	c. 3083G>T	rs80357459	Benign	Uncertain significance
5124	c. 3080G>C	rs80357386	Benign	Uncertain significance
5125	c. 3080G>A	rs80357386	Pathogenic	Uncertain significance
5126	c. 3078T>G	rs1555588422	Pathogenic	Uncertain significance
5127	c. 3071G>C	rs757579891	Benign	Uncertain significance
5128	c. 3071G>A	rs757579891	Pathogenic	Uncertain significance
5129	c. 3065C>T	rs786202070	Benign	Uncertain significance

5130	c. 3053A>G	rs1567793093	Benign	Uncertain significance
5131	c. 3048T>G	rs879255482	Benign	Uncertain significance
5132	c. 3047A>G	rs1567793123	Benign	Uncertain significance
5133	c. 3046A>G	rs80357154	Benign	Uncertain significance
5134	c. 3042G>A	rs1555588493	Pathogenic	Uncertain significance
5135	c. 3041T>A	rs80357020	Benign	Uncertain significance
5136	c. 3040A>T	rs80356933	Benign	Uncertain significance
5137	c. 3040A>G	rs80356933	Benign	Uncertain significance
5138	c. 3037G>A	rs1555588500	Pathogenic	Uncertain significance
5139	c. 3036A>C	rs1567793150	Benign	Uncertain significance
5140	c. 3035G>C		Benign	Uncertain significance
5141	c. 3035G>A	rs876658464	Pathogenic	Uncertain significance
5142	c. 3034A>G	rs1555588503	Benign	Uncertain significance
5143	c. 3032A>G		Benign	Uncertain significance
5144	c. 3031G>A	rs876659974	Pathogenic	Uncertain significance
5145	c. 3029C>T		Benign	Uncertain significance
5146	c. 3028C>T	rs1057519249	Benign	Uncertain significance
5147	c. 3024G>T		Benign	Uncertain significance
5148	c. 3022A>C	rs56321129	Benign	Uncertain significance
5149	c. 3010G>C	rs786202534	Benign	Uncertain significance
5150	c. 3005A>T	rs1555588553	Benign	Uncertain significance
5151	c. 3004A>G	rs786202665	Benign	Uncertain significance
5152	c. 3001G>A		Benign	Uncertain significance
5153	c. 3000G>C	rs748410422	Benign	Uncertain significance
5154	c. 2999A>G	rs1060502330	Pathogenic	Uncertain significance
5155	c. 2998G>A	rs80357124	Pathogenic	Uncertain significance
5156	c. 2996T>G	rs876659514	Benign	Uncertain significance
5157	c. 2995C>A	rs80356848	Benign	Uncertain significance
5158	c. 2993T>G		Benign	Uncertain significance
5159	c. 2993T>A	rs1567793330	Benign	Uncertain significance
5160	c. 2992C>G	rs876659077	Pathogenic	Uncertain significance
5161	c. 2990A>G		Benign	Uncertain significance
5162	c. 2985G>T	rs1555588591	Pathogenic	Uncertain significance
5163	c. 2983A>C		Benign	Uncertain significance
5164	c. 2981G>T		Benign	Uncertain significance
5165	c. 2981G>A	rs1238452758	Pathogenic	Uncertain significance
5166	c. 2980T>C	rs144853230	Benign	Uncertain significance
5167	c. 2980T>A	rs144853230	Benign	Uncertain significance
5168	c. 2973A>C	rs876660683	Benign	Uncertain significance
5169	c. 2969T>C	rs760588785	Benign	Uncertain significance
5170	c. 2968G>A	rs397509029	Pathogenic	Uncertain significance
5171	c. 2967T>G		Benign	Uncertain significance
5172	c. 2967T>A	rs876659270	Pathogenic	Uncertain significance
5173	c. 2960A>G	rs876659990	Benign	Uncertain significance
5174	c. 2959A>G	rs878854941	Pathogenic	Uncertain significance
5175	c. 2953C>T	rs1555588649	Benign	Uncertain significance
5176	c. 2950T>C		Benign	Uncertain significance
5177	c. 2942C>A	rs876659025	Pathogenic	Uncertain significance
5178	c. 2941C>A	rs1555588677	Pathogenic	Uncertain significance
5179	c. 2936G>T		Benign	Uncertain significance
5180	c. 2935C>A	rs80356970	Benign	Uncertain significance
5181	c. 2933A>G	rs863224756	Pathogenic	Uncertain significance
5182	c. 2932T>C	rs876659545	Benign	Uncertain significance
5183	c. 2930C>T	rs141465583	Benign	Uncertain significance

5184	c. 2929C>T	rs1064794043	Benign	Uncertain significance
5185	c. 2922A>C	rs730881487	Benign	Uncertain significance
5186	c. 2921T>C	rs80356872	Benign	Uncertain significance
5187	c. 2917C>A	rs80357080	Benign	Uncertain significance
5188	c. 2917C>G	rs80357080	Benign	Uncertain significance
5189	c. 2915G>A	rs587782721	Pathogenic	Uncertain significance
5190	c. 2913T>G		Benign	Uncertain significance
5191	c. 2911C>G	rs80357478	Benign	Uncertain significance
5192	c. 2911C>A	rs80357478	Benign	Uncertain significance
5193	c. 2909A>G		Benign	Uncertain significance
5194	c. 2909A>T	rs756559408	Pathogenic	Uncertain significance
5195	c. 2908A>G	rs1567793674	Pathogenic	Uncertain significance
5196	c. 2906A>G	rs1567793695	Benign	Uncertain significance
5197	c. 2905A>G	rs587781641	Benign	Uncertain significance
5198	c. 2902C>T		Benign	Uncertain significance
5199	c. 2899A>T	rs273899690	Benign	Uncertain significance
5200	c. 2897T>C	rs879254045	Benign	Uncertain significance
5201	c. 2894T>G	rs876660682	Benign	Uncertain significance
5202	c. 2893C>T		Benign	Uncertain significance
5203	c. 2893C>G	rs1060502344	Benign	Uncertain significance
5204	c. 2890G>A	rs879254027	Pathogenic	Uncertain significance
5205	c. 2888C>T	rs730881443	Benign	Uncertain significance
5206	c. 2885A>G	rs780367532	Benign	Uncertain significance
5207	c. 2882A>G	rs879254130	Benign	Uncertain significance
5208	c. 2881A>T		Pathogenic	Uncertain significance
5209	c. 2881A>C	rs786203786	Benign	Uncertain significance
5210	c. 2878G>A	rs1555588796	Pathogenic	Uncertain significance
5211	c. 2877A>C	rs587782743	Benign	Uncertain significance
5212	c. 2875A>G		Pathogenic	Uncertain significance
5213	c. 2872T>C	rs80356878	Benign	Uncertain significance
5214	c. 2872T>A	rs80356878	Benign	Uncertain significance
5215	c. 2870A>C	rs1567793946	Benign	Uncertain significance
5216	c. 2867C>G	rs1060502336	Pathogenic	Uncertain significance
5217	c. 2857T>C	rs1555588840	Benign	Uncertain significance
5218	c. 2851A>G		Pathogenic	Uncertain significance
5219	c. 2849C>T	rs1555588847	Benign	Uncertain significance
5220	c. 2846G>A	rs730881486	Benign	Uncertain significance
5221	c. 2845G>A	rs1324818767	Pathogenic	Uncertain significance
5222	c. 2841A>T	rs864622618	Pathogenic	Uncertain significance
5223	c. 2840A>G	rs778118145	Benign	Uncertain significance
5224	c. 2836A>G		Pathogenic	Uncertain significance
5225	c. 2836A>T	rs876660901	Benign	Uncertain significance
5226	c. 2833A>G	rs1567794085	Pathogenic	Uncertain significance
5227	c. 2831G>A	rs770769275	Pathogenic	Uncertain significance
5228	c. 2830T>A	rs1064795603	Benign	Uncertain significance
5229	c. 2823T>G		Benign	Uncertain significance
5230	c. 2822A>G	rs776512377	Benign	Uncertain significance
5231	c. 2818G>C	rs80357077	Benign	Uncertain significance
5232	c. 2818G>T	rs80357077	Pathogenic	Uncertain significance
5233	c. 2816T>C	rs1555588894	Benign	Uncertain significance
5234	c. 2815G>A	rs1555588896	Benign	Uncertain significance
5235	c. 2813C>T	rs1064793999	Benign	Uncertain significance
5236	c. 2812C>T		Benign	Uncertain significance
5237	c. 2808T>G	rs730881485	Benign	Uncertain significance

5238	c. 2798G>A	rs80356941	Pathogenic	Uncertain significance
5239	c. 2794G>T		Benign	Uncertain significance
5240	c. 2791G>A	rs763639161	Pathogenic	Uncertain significance
5241	c. 2791G>T	rs763639161	Benign	Uncertain significance
5242	c. 2789C>T	rs80357256	Benign	Uncertain significance
5243	c. 2783G>A	rs202004680	Benign	Uncertain significance
5244	c. 2782G>A	rs80356995	Pathogenic	Uncertain significance
5245	c. 2774T>C	rs1567794296	Benign	Uncertain significance
5246	c. 2768T>C		Benign	Uncertain significance
5247	c. 2765C>T	rs80357460	Benign	Uncertain significance
5248	c. 2765C>G	rs80357460	Benign	Uncertain significance
5249	c. 2764A>G	rs1555588988	Benign	Uncertain significance
5250	c. 2762A>G	rs1555588991	Pathogenic	Uncertain significance
5251	c. 2759T>C	rs80357008	Benign	Uncertain significance
5252	c. 2758G>T	rs80357361	Benign	Uncertain significance
5253	c. 2754G>T	rs398122668	Benign	Uncertain significance
5254	c. 2752A>C	rs397509010	Benign	Uncertain significance
5255	c. 2751C>G		Pathogenic	Uncertain significance
5256	c. 2750T>G	rs587781492	Benign	Uncertain significance
5257	c. 2750T>C	rs587781492	Benign	Uncertain significance
5258	c. 2747A>G	rs864622588	Benign	Uncertain significance
5259	c. 2747A>T	rs864622588	Pathogenic	Uncertain significance
5260	c. 2746A>G	rs398122666	Pathogenic	Uncertain significance
5261	c. 2746A>T	rs398122666	Pathogenic	Uncertain significance
5262	c. 2740G>A	rs80357419	Pathogenic	Uncertain significance
5263	c. 2739T>A	rs273899688	Benign	Uncertain significance
5264	c. 2738A>G	rs199954851	Benign	Uncertain significance
5265	c. 2737A>G		Benign	Uncertain significance
5266	c. 2736G>T	rs1555589046	Pathogenic	Uncertain significance
5267	c. 2736G>C	rs1555589046	Benign	Uncertain significance
5268	c. 2734A>C	rs1555589048	Benign	Uncertain significance
5269	c. 2732G>A	rs431825392	Benign	Uncertain significance
5270	c. 2728C>G	rs397509004	Pathogenic	Uncertain significance
5271	c. 2724A>C	rs1350643283	Benign	Uncertain significance
5272	c. 2723A>C	rs1064794969	Benign	Uncertain significance
5273	c. 2723A>G	rs1064794969	Benign	Uncertain significance
5274	c. 2720A>G	rs1555589078	Benign	Uncertain significance
5275	c. 2716A>C	rs1567794535	Benign	Uncertain significance
5276	c. 2714A>G	rs397507203	Benign	Uncertain significance
5277	c. 2710G>C	rs80357035	Benign	Uncertain significance
5278	c. 2708G>A		Pathogenic	Uncertain significance
5279	c. 2707T>C	rs1555589103	Benign	Uncertain significance
5280	c. 2706A>C	rs398122665	Benign	Uncertain significance
5281	c. 2702T>C	rs397507202	Benign	Uncertain significance
5282	c. 2696T>G	rs1064794483	Benign	Uncertain significance
5283	c. 2692A>G	rs80357420	Benign	Uncertain significance
5284	c. 2690C>T	rs587776484	Benign	Uncertain significance
5285	c. 2689C>T	rs770583134	Benign	Uncertain significance
5286	c. 2686A>T	rs80357188	Pathogenic	Uncertain significance
5287	c. 2684A>G	rs587781914	Benign	Uncertain significance
5288	c. 2682A>T	rs1131692093	Benign	Uncertain significance
5289	c. 2679G>T	rs587781771	Pathogenic	Uncertain significance
5290	c. 2678A>G	rs1567794714	Benign	Uncertain significance
5291	c. 2677A>C	rs80357170	Benign	Uncertain significance

5292	c. 2666C>A	rs769712441	Pathogenic	Uncertain significance
5293	c. 2663A>G	rs876658843	Benign	Uncertain significance
5294	c. 2663A>T	rs876658843	Benign	Uncertain significance
5295	c. 2663A>C	rs876658843	Benign	Uncertain significance
5296	c. 2654T>A	rs1567794788	Benign	Uncertain significance
5297	c. 2650A>G	rs80357120	Benign	Uncertain significance
5298	c. 2648C>T	rs431825391	Pathogenic	Uncertain significance
5299	c. 2647G>A		Pathogenic	Uncertain significance
5300	c. 2645G>A	rs1555589241	Pathogenic	Uncertain significance
5301	c. 2644T>C	rs184374817	Benign	Uncertain significance
5302	c. 2644T>A	rs184374817	Benign	Uncertain significance
5303	c. 2638G>C	rs587782370	Benign	Uncertain significance
5304	c. 2635G>A	rs80357251	Pathogenic	Uncertain significance
5305	c. 2633C>T	rs1555589255	Pathogenic	Uncertain significance
5306	c. 2632G>A	rs80357230	Pathogenic	Uncertain significance
5307	c. 2626G>A	rs1567794885	Pathogenic	Uncertain significance
5308	c. 2623C>T	rs866257451	Benign	Uncertain significance
5309	c. 2620A>G		Benign	Uncertain significance
5310	c. 2620A>C	rs1064795862	Benign	Uncertain significance
5311	c. 2618C>T	rs1567794912	Pathogenic	Uncertain significance
5312	c. 2615T>C		Benign	Uncertain significance
5313	c. 2612C>A	rs799917	Benign	Uncertain significance
5314	c. 2609C>G	rs1060502324	Benign	Uncertain significance
5315	c. 2609C>T	rs1060502324	Benign	Uncertain significance
5316	c. 2608G>A	rs753256448	Pathogenic	Uncertain significance
5317	c. 2599C>G		Benign	Uncertain significance
5318	c. 2591C>T	rs80357003	Pathogenic	Uncertain significance
5319	c. 2590T>G	rs80357285	Pathogenic	Uncertain significance
5320	c. 2587G>A	rs1555589325	Benign	Uncertain significance
5321	c. 2586G>C	rs1555589330	Benign	Uncertain significance
5322	c. 2585A>G		Benign	Uncertain significance
5323	c. 2583C>G	rs1555589334	Pathogenic	Uncertain significance
5324	c. 2582T>G	rs80357098	Pathogenic	Uncertain significance
5325	c. 2579C>T	rs1555589337	Benign	Uncertain significance
5326	c. 2578A>G		Pathogenic	Uncertain significance
5327	c. 2576A>G		Benign	Uncertain significance
5328	c. 2575A>G	rs1555589354	Benign	Uncertain significance
5329	c. 2569T>A		Pathogenic	Uncertain significance
5330	c. 2567A>G	rs864622122	Pathogenic	Uncertain significance
5331	c. 2564A>G	rs768001441	Pathogenic	Uncertain significance
5332	c. 2564A>T	rs768001441	Pathogenic	Uncertain significance
5333	c. 2564A>C	rs768001441	Benign	Uncertain significance
5334	c. 2563C>A	rs80357131	Pathogenic	Uncertain significance
5335	c. 2561C>T	rs80357315	Benign	Uncertain significance
5336	c. 2560G>A		Pathogenic	Uncertain significance
5337	c. 2555T>C	rs1555589415	Benign	Uncertain significance
5338	c. 2554C>G	rs863224754	Benign	Uncertain significance
5339	c. 2552A>G	rs1567795186	Benign	Uncertain significance
5340	c. 2551G>A	rs398122662	Pathogenic	Uncertain significance
5341	c. 2548A>C	rs1555589429	Benign	Uncertain significance
5342	c. 2546A>G	rs1567795227	Benign	Uncertain significance
5343	c. 2543A>G		Benign	Uncertain significance
5344	c. 2541G>A	rs80357195	Pathogenic	Uncertain significance
5345	c. 2539A>G	rs1555589446	Benign	Uncertain significance

5346	c. 2538A>C	rs1567795266	Benign	Uncertain significance
5347	c. 2536G>A	rs786203523	Pathogenic	Uncertain significance
5348	c. 2535A>G		Pathogenic	Uncertain significance
5349	c. 2534T>C	rs397508976	Benign	Uncertain significance
5350	c. 2531G>A	rs56051266	Pathogenic	Uncertain significance
5351	c. 2528C>G	rs1555589466	Benign	Uncertain significance
5352	c. 2527A>G	rs80357435	Benign	Uncertain significance
5353	c. 2524G>A	rs876658552	Pathogenic	Uncertain significance
5354	c. 2522G>C	rs80357337	Benign	Uncertain significance
5355	c. 2518A>C	rs377475866	Benign	Uncertain significance
5356	c. 2518A>G	rs377475866	Pathogenic	Uncertain significance
5357	c. 2516A>G		Benign	Uncertain significance
5358	c. 2504A>C		Benign	Uncertain significance
5359	c. 2503C>T	rs751656678	Benign	Uncertain significance
5360	c. 2501G>T	rs757383244	Pathogenic	Uncertain significance
5361	c. 2501G>A	rs757383244	Pathogenic	Uncertain significance
5362	c. 2491T>C		Benign	Uncertain significance
5363	c. 2491T>G	rs1060502350	Benign	Uncertain significance
5364	c. 2489A>T		Pathogenic	Uncertain significance
5365	c. 2483G>T	rs1555589578	Benign	Uncertain significance
5366	c. 2482G>A	rs80357185	Benign	Uncertain significance
5367	c. 2479G>C		Benign	Uncertain significance
5368	c. 2477C>T		Benign	Uncertain significance
5369	c. 2476A>C		Benign	Uncertain significance
5370	c. 2474A>T	rs80357249	Benign	Uncertain significance
5371	c. 2471A>G	rs1485586275	Benign	Uncertain significance
5372	c. 2470A>C	rs1555589617	Benign	Uncertain significance
5373	c. 2468G>C	rs876659731	Benign	Uncertain significance
5374	c. 2468G>T	rs876659731	Pathogenic	Uncertain significance
5375	c. 2466T>G	rs1064794701	Benign	Uncertain significance
5376	c. 2465A>G	rs1555589630	Benign	Uncertain significance
5377	c. 2456C>G	rs192655097	Benign	Uncertain significance
5378	c. 2450G>T	rs1060502365	Benign	Uncertain significance
5379	c. 2449G>A	rs1555589646	Pathogenic	Uncertain significance
5380	c. 2447A>T	rs80357108	Benign	Uncertain significance
5381	c. 2444T>C	rs730881484	Benign	Uncertain significance
5382	c. 2437G>A	rs80357186	Benign	Uncertain significance
5383	c. 2436G>A	rs1060502338	Pathogenic	Uncertain significance
5384	c. 2435A>G		Benign	Uncertain significance
5385	c. 2425G>A	rs786204151	Pathogenic	Uncertain significance
5386	c. 2423T>C	rs398122660	Benign	Uncertain significance
5387	c. 2420C>A	rs273899683	Benign	Uncertain significance
5388	c. 2419G>A		Pathogenic	Uncertain significance
5389	c. 2419G>T	rs80357240	Benign	Uncertain significance
5390	c. 2417C>T	rs1555589705	Pathogenic	Uncertain significance
5391	c. 2414G>A	rs1060502352	Pathogenic	Uncertain significance
5392	c. 2410C>G	rs80356982	Pathogenic	Uncertain significance
5393	c. 2405T>G	rs1555589737	Benign	Uncertain significance
5394	c. 2404G>A	rs876660885	Pathogenic	Uncertain significance
5395	c. 2404G>C	rs876660885	Pathogenic	Uncertain significance
5396	c. 2404G>T	rs876660885	Benign	Uncertain significance
5397	c. 2403T>G	rs80357381	Benign	Uncertain significance
5398	c. 2402G>A	rs1567795821	Pathogenic	Uncertain significance
5399	c. 2401T>C	rs1064793591	Benign	Uncertain significance

5400	c. 2397T>A	rs80357203	Benign	Uncertain significance
5401	c. 2396A>G	rs587782027	Benign	Uncertain significance
5402	c. 2393C>G	rs876660005	Benign	Uncertain significance
5403	c. 2392C>G	rs398122658	Benign	Uncertain significance
5404	c. 2392C>A	rs398122658	Benign	Uncertain significance
5405	c. 2392C>T	rs398122658	Benign	Uncertain significance
5406	c. 2389G>A	rs62625306	Pathogenic	Uncertain significance
5407	c. 2387C>G	rs80357364	Benign	Uncertain significance
5408	c. 2387C>T	rs80357364	Benign	Uncertain significance
5409	c. 2383A>G	rs1567795889	Benign	Uncertain significance
5410	c. 2381C>T	rs7502059	Pathogenic	Uncertain significance
5411	c. 2375G>A		Benign	Uncertain significance
5412	c. 2372T>G		Benign	Uncertain significance
5413	c. 2371C>G	rs1567795916	Benign	Uncertain significance
5414	c. 2366G>A		Pathogenic	Uncertain significance
5415	c. 2365A>G		Pathogenic	Uncertain significance
5416	c. 2362G>A	rs80357060	Benign	Uncertain significance
5417	c. 2357T>C	rs760864137	Benign	Uncertain significance
5418	c. 2355A>C	rs1567795966	Benign	Uncertain significance
5419	c. 2351C>G		Pathogenic	Uncertain significance
5420	c. 2350T>G	rs80357399	Benign	Uncertain significance
5421	c. 2346T>A	rs1555589837	Benign	Uncertain significance
5422	c. 2345G>T	rs1567796012	Benign	Uncertain significance
5423	c. 2344A>G	rs1433746078	Benign	Uncertain significance
5424	c. 2342A>C	rs587776482	Benign	Uncertain significance
5425	c. 2341G>C	rs757933953	Benign	Uncertain significance
5426	c. 2339A>G	rs1410232200	Pathogenic	Uncertain significance
5427	c. 2338C>G	rs80356945	Pathogenic	Uncertain significance
5428	c. 2338C>A	rs80356945	Pathogenic	Uncertain significance
5429	c. 2333G>A	rs730881483	Benign	Uncertain significance
5430	c. 2329T>C		Benign	Uncertain significance
5431	c. 2324C>T		Benign	Uncertain significance
5432	c. 2321G>A	rs730881482	Pathogenic	Uncertain significance
5433	c. 2320G>T	rs1555589917	Benign	Uncertain significance
5434	c. 2314G>A	rs1567796129	Pathogenic	Uncertain significance
5435	c. 2312T>C	rs730881481	Benign	Uncertain significance
5436	c. 2303G>A		Pathogenic	Uncertain significance
5437	c. 2302A>G	rs398122656	Pathogenic	Uncertain significance
5438	c. 2300G>C	rs1567796202	Benign	Uncertain significance
5439	c. 2299A>T	rs80357194	Pathogenic	Uncertain significance
5440	c. 2299A>G	rs80357194	Pathogenic	Uncertain significance
5441	c. 2298T>A		Benign	Uncertain significance
5442	c. 2297G>A	rs1567796224	Pathogenic	Uncertain significance
5443	c. 2296A>C	rs398122655	Benign	Uncertain significance
5444	c. 2296A>G	rs398122655	Pathogenic	Uncertain significance
5445	c. 2294A>G	rs80357085	Pathogenic	Uncertain significance
5446	c. 2290G>A		Pathogenic	Uncertain significance
5447	c. 2288C>A		Pathogenic	Uncertain significance
5448	c. 2288C>G	rs876660112	Pathogenic	Uncertain significance
5449	c. 2286A>G	rs273898682	Benign	Uncertain significance
5450	c. 2282A>C	rs80356869	Benign	Uncertain significance
5451	c. 2281G>C	rs397507198	Benign	Uncertain significance
5452	c. 2281G>A	rs397507198	Pathogenic	Uncertain significance
5453	c. 2279C>T		Benign	Uncertain significance

5454	c. 2274G>T		Benign	Uncertain significance
5455	c. 2269G>T	rs772617029	Benign	Uncertain significance
5456	c. 2267G>A	rs975724885	Pathogenic	Uncertain significance
5457	c. 2266A>G	rs1064795091	Benign	Uncertain significance
5458	c. 2264A>C	rs922908090	Benign	Uncertain significance
5459	c. 2263G>A	rs41286296	Pathogenic	Uncertain significance
5460	c. 2259T>G	rs730881480	Benign	Uncertain significance
5461	c. 2258G>A	rs878854939	Pathogenic	Uncertain significance
5462	c. 2253G>C	rs1555590040	Benign	Uncertain significance
5463	c. 2249T>C	rs1555590048	Benign	Uncertain significance
5464	c. 2246A>T	rs730881479	Benign	Uncertain significance
5465	c. 2245G>A	rs80357114	Pathogenic	Uncertain significance
5466	c. 2245G>C	rs80357114	Benign	Uncertain significance
5467	c. 2245G>T	rs80357114	Pathogenic	Uncertain significance
5468	c. 2243A>G	rs1567796448	Benign	Uncertain significance
5469	c. 2242A>G		Benign	Uncertain significance
5470	c. 2239C>T	rs1555590087	Benign	Uncertain significance
5471	c. 2238C>A	rs786202757	Benign	Uncertain significance
5472	c. 2236G>T	rs876660267	Pathogenic	Uncertain significance
5473	c. 2235A>C	rs876660266	Benign	Uncertain significance
5474	c. 2232T>A		Benign	Uncertain significance
5475	c. 2231C>A	rs786204220	Benign	Uncertain significance
5476	c. 2228A>G	rs1567796489	Benign	Uncertain significance
5477	c. 2227A>C	rs1212635015	Benign	Uncertain significance
5478	c. 2225A>G	rs1060499618	Benign	Uncertain significance
5479	c. 2222C>G	rs80357051	Benign	Uncertain significance
5480	c. 2218G>A		Benign	Uncertain significance
5481	c. 2218G>T	rs80357415	Benign	Uncertain significance
5482	c. 2218G>C	rs80357415	Benign	Uncertain significance
5483	c. 2217A>C	rs200521980	Benign	Uncertain significance
5484	c. 2215A>C	rs56329598	Benign	Uncertain significance
5485	c. 2215A>G	rs56329598	Pathogenic	Uncertain significance
5486	c. 2209A>G	rs1567796585	Benign	Uncertain significance
5487	c. 2203C>G	rs587781781	Benign	Uncertain significance
5488	c. 2195A>C	rs876660463	Benign	Uncertain significance
5489	c. 2185G>A	rs876659852	Pathogenic	Uncertain significance
5490	c. 2183G>C	rs80357335	Benign	Uncertain significance
5491	c. 2183G>A	rs80357335	Pathogenic	Uncertain significance
5492	c. 2182A>G	rs1555590265	Benign	Uncertain significance
5493	c. 2174G>C	rs1555590284	Benign	Uncertain significance
5494	c. 2173A>G	rs1555590290	Pathogenic	Uncertain significance
5495	c. 2171C>T	rs751104940	Benign	Uncertain significance
5496	c. 2165T>C	rs1555590311	Benign	Uncertain significance
5497	c. 2158G>A	rs80356875	Pathogenic	Uncertain significance
5498	c. 2156A>C	rs876660920	Benign	Uncertain significance
5499	c. 2153T>G	rs748550848	Benign	Uncertain significance
5500	c. 2148T>A	rs730881478	Benign	Uncertain significance
5501	c. 2147G>C	rs1555590369	Benign	Uncertain significance
5502	c. 2143A>T	rs730881477	Benign	Uncertain significance
5503	c. 2135G>T	rs1555590395	Benign	Uncertain significance
5504	c. 2134T>C	rs786202015	Benign	Uncertain significance
5505	c. 2131A>C	rs747046197	Benign	Uncertain significance
5506	c. 2131A>G	rs747046197	Pathogenic	Uncertain significance
5507	c. 2128A>G	rs876659959	Pathogenic	Uncertain significance

5508	c. 2126T>G	rs1567796937	Benign	Uncertain significance
5509	c. 2125T>G		Benign	Uncertain significance
5510	c. 2123C>G	rs80357182	Benign	Uncertain significance
5511	c. 2120G>A	rs80357192	Benign	Uncertain significance
5512	c. 2119G>C	rs587781420	Benign	Uncertain significance
5513	c. 2117C>T	rs759655692	Benign	Uncertain significance
5514	c. 2116C>T		Benign	Uncertain significance
5515	c. 2113G>A		Pathogenic	Uncertain significance
5516	c. 2110A>C		Benign	Uncertain significance
5517	c. 2108C>T	rs1302055573	Benign	Uncertain significance
5518	c. 2102A>G	rs876658307	Benign	Uncertain significance
5519	c. 2099T>A		Benign	Uncertain significance
5520	c. 2099T>C	rs1567797015	Benign	Uncertain significance
5521	c. 2096A>G		Pathogenic	Uncertain significance
5522	c. 2095G>C	rs876658306	Benign	Uncertain significance
5523	c. 2093C>T	rs1555590478	Benign	Uncertain significance
5524	c. 2090T>A	rs730881476	Benign	Uncertain significance
5525	c. 2090T>C	rs730881476	Benign	Uncertain significance
5526	c. 2087C>T		Benign	Uncertain significance
5527	c. 2081G>A	rs431825388	Pathogenic	Uncertain significance
5528	c. 2078A>G	rs756748588	Benign	Uncertain significance
5529	c. 2076T>A	rs587782595	Benign	Uncertain significance
5530	c. 2075A>C		Benign	Uncertain significance
5531	c. 2074C>T	rs545736576	Benign	Uncertain significance
5532	c. 2072G>C	rs1555590574	Benign	Uncertain significance
5533	c. 2071A>G		Benign	Uncertain significance
5534	c. 2068A>G	rs587781448	Pathogenic	Uncertain significance
5535	c. 2065A>G	rs876660188	Benign	Uncertain significance
5536	c. 2062A>G		Benign	Uncertain significance
5537	c. 2058A>T	rs1262148583	Benign	Uncertain significance
5538	c. 2050C>A	rs397508934	Benign	Uncertain significance
5539	c. 2050C>T	rs397508934	Benign	Uncertain significance
5540	c. 2048A>G	rs1060502357	Benign	Uncertain significance
5541	c. 2042G>A	rs1452826319	Pathogenic	Uncertain significance
5542	c. 2039A>G	rs730881475	Benign	Uncertain significance
5543	c. 2038A>G	rs1135401850	Benign	Uncertain significance
5544	c. 2036A>C		Benign	Uncertain significance
5545	c. 2033C>T	rs1555590634	Benign	Uncertain significance
5546	c. 2029G>A		Pathogenic	Uncertain significance
5547	c. 2027C>T		Benign	Uncertain significance
5548	c. 2023G>A		Pathogenic	Uncertain significance
5549	c. 2021C>G	rs876660543	Benign	Uncertain significance
5550	c. 2017G>C		Benign	Uncertain significance
5551	c. 2014A>G	rs397508929	Pathogenic	Uncertain significance
5552	c. 2008G>A	rs80357029	Pathogenic	Uncertain significance
5553	c. 1997T>C	rs1567797346	Benign	Uncertain significance
5554	c. 1996C>G	rs1555590709	Benign	Uncertain significance
5555	c. 1995C>G	rs80357238	Benign	Uncertain significance
5556	c. 1985A>G	rs80357494	Benign	Uncertain significance
5557	c. 1984C>T	rs397508927	Benign	Uncertain significance
5558	c. 1981A>G	rs1555590724	Pathogenic	Uncertain significance
5559	c. 1979T>C	rs1567797385	Benign	Uncertain significance
5560	c. 1978G>T		Benign	Uncertain significance
5561	c. 1978G>A	rs876660889	Benign	Uncertain significance

5562	c. 1975C>G	rs587776481	Benign	Uncertain significance
5563	c. 1969C>A	rs397508926	Benign	Uncertain significance
5564	c. 1967A>G	rs397508925	Benign	Uncertain significance
5565	c. 1966A>T	rs786203455	Pathogenic	Uncertain significance
5566	c. 1964A>T	rs80357193	Benign	Uncertain significance
5567	c. 1963T>G	rs80357166	Benign	Uncertain significance
5568	c. 1954A>G	rs1567797589	Benign	Uncertain significance
5569	c. 1951A>G		Benign	Uncertain significance
5570	c. 1951A>C	rs1555590804	Benign	Uncertain significance
5571	c. 1949T>G	rs1555590816	Benign	Uncertain significance
5572	c. 1949T>C	rs1555590816	Benign	Uncertain significance
5573	c. 1945G>C	rs80356907	Benign	Uncertain significance
5574	c. 1934C>G	rs80357129	Benign	Uncertain significance
5575	c. 1934C>A	rs80357129	Pathogenic	Uncertain significance
5576	c. 1933T>C		Benign	Uncertain significance
5577	c. 1931G>C	rs876658606	Benign	Uncertain significance
5578	c. 1931G>T	rs876658606	Benign	Uncertain significance
5579	c. 1930T>A	rs753521391	Pathogenic	Uncertain significance
5580	c. 1929T>G	rs1060502361	Benign	Uncertain significance
5581	c. 1928G>T	rs876660335	Benign	Uncertain significance
5582	c. 1925A>G	rs786204049	Benign	Uncertain significance
5583	c. 1924G>A	rs80357344	Pathogenic	Uncertain significance
5584	c. 1924G>T	rs80357344	Pathogenic	Uncertain significance
5585	c. 1922T>C	rs730881474	Benign	Uncertain significance
5586	c. 1920A>C		Benign	Uncertain significance
5587	c. 1920A>T	rs587782843	Pathogenic	Uncertain significance
5588	c. 1919A>C	rs786203965	Benign	Uncertain significance
5589	c. 1917G>T		Benign	Uncertain significance
5590	c. 1913A>C	rs786201944	Benign	Uncertain significance
5591	c. 1910C>T	rs1555590925	Benign	Uncertain significance
5592	c. 1907G>C	rs398122649	Benign	Uncertain significance
5593	c. 1906T>G		Benign	Uncertain significance
5594	c. 1905T>G		Benign	Uncertain significance
5595	c. 1904A>G		Benign	Uncertain significance
5596	c. 1903A>G	rs1567797783	Pathogenic	Uncertain significance
5597	c. 1901C>T	rs80357121	Benign	Uncertain significance
5598	c. 1901C>G	rs80357121	Benign	Uncertain significance
5599	c. 1900C>T	rs80357056	Benign	Uncertain significance
5600	c. 1898C>T	rs398122647	Benign	Uncertain significance
5601	c. 1897C>A	rs80356902	Pathogenic	Uncertain significance
5602	c. 1895G>A	rs80356983	Pathogenic	Uncertain significance
5603	c. 1892T>C	rs1386991114	Benign	Uncertain significance
5604	c. 1891C>A	rs876659175	Pathogenic	Uncertain significance
5605	c. 1888A>T		Pathogenic	Uncertain significance
5606	c. 1886G>T	rs876660144	Pathogenic	Uncertain significance
5607	c. 1885A>G		Pathogenic	Uncertain significance
5608	c. 1884T>G	rs80357495	Benign	Uncertain significance
5609	c. 1882A>G	rs1555591000	Pathogenic	Uncertain significance
5610	c. 1881C>G	rs80356838	Pathogenic	Uncertain significance
5611	c. 1880T>A	rs770002293	Benign	Uncertain significance
5612	c. 1880T>G	rs770002293	Benign	Uncertain significance
5613	c. 1870G>A	rs80356950	Pathogenic	Uncertain significance
5614	c. 1868T>C	rs397508915	Benign	Uncertain significance
5615	c. 1865C>G		Benign	Uncertain significance

5616	c. 1864G>A	rs1567797954	Pathogenic	Uncertain significance
5617	c. 1861C>T		Benign	Uncertain significance
5618	c. 1859T>A	rs1555591085	Benign	Uncertain significance
5619	c. 1856A>G	rs771890863	Benign	Uncertain significance
5620	c. 1854G>T		Benign	Uncertain significance
5621	c. 1853G>C	rs876659527	Benign	Uncertain significance
5622	c. 1853G>A	rs876659527	Pathogenic	Uncertain significance
5623	c. 1844C>T	rs398122645	Benign	Uncertain significance
5624	c. 1842G>T	rs760109939	Benign	Uncertain significance
5625	c. 1841A>G		Benign	Uncertain significance
5626	c. 1838G>T		Benign	Uncertain significance
5627	c. 1838G>A	rs786203937	Pathogenic	Uncertain significance
5628	c. 1829G>C	rs876660322	Benign	Uncertain significance
5629	c. 1829G>A	rs876660322	Pathogenic	Uncertain significance
5630	c. 1828A>G	rs398122644	Pathogenic	Uncertain significance
5631	c. 1826A>G	rs80357236	Benign	Uncertain significance
5632	c. 1819A>G	rs80357220	Pathogenic	Uncertain significance
5633	c. 1814C>A	rs1555591195	Benign	Uncertain significance
5634	c. 1813G>C	rs587781613	Benign	Uncertain significance
5635	c. 1813G>T	rs587781613	Benign	Uncertain significance
5636	c. 1807T>G	rs1555591208	Pathogenic	Uncertain significance
5637	c. 1800C>G	rs80357452	Pathogenic	Uncertain significance
5638	c. 1799T>C	rs398122643	Benign	Uncertain significance
5639	c. 1799T>G	rs398122643	Benign	Uncertain significance
5640	c. 1796A>G		Benign	Uncertain significance
5641	c. 1792T>G	rs1060504554	Benign	Uncertain significance
5642	c. 1787T>C		Benign	Uncertain significance
5643	c. 1786C>T	rs80357371	Benign	Uncertain significance
5644	c. 1786C>G	rs80357371	Benign	Uncertain significance
5645	c. 1784A>G	rs876660455	Benign	Uncertain significance
5646	c. 1774A>C		Benign	Uncertain significance
5647	c. 1773A>G	rs1555591259	Pathogenic	Uncertain significance
5648	c. 1771A>G	rs1064795358	Pathogenic	Uncertain significance
5649	c. 1769G>A	rs1060502349	Pathogenic	Uncertain significance
5650	c. 1768A>G	rs80357454	Pathogenic	Uncertain significance
5651	c. 1767C>A	rs587783039	Benign	Uncertain significance
5652	c. 1766G>T		Benign	Uncertain significance
5653	c. 1766G>A	rs1567798335	Pathogenic	Uncertain significance
5654	c. 1764C>G		Benign	Uncertain significance
5655	c. 1762A>G	rs1169162396	Benign	Uncertain significance
5656	c. 1761A>G		Pathogenic	Uncertain significance
5657	c. 1760T>C		Benign	Uncertain significance
5658	c. 1759A>G		Pathogenic	Uncertain significance
5659	c. 1757C>G	rs1064795270	Benign	Uncertain significance
5660	c. 1756C>T	rs80357153	Benign	Uncertain significance
5661	c. 1745C>A	rs786202386	Benign	Uncertain significance
5662	c. 1742A>G		Benign	Uncertain significance
5663	c. 1733C>T	rs80356939	Benign	Uncertain significance
5664	c. 1733C>A	rs80356939	Pathogenic	Uncertain significance
5665	c. 1729G>C		Benign	Uncertain significance
5666	c. 1723G>A	rs397508902	Benign	Uncertain significance
5667	c. 1721T>C	rs1060502341	Benign	Uncertain significance
5668	c. 1718C>T	rs876660434	Benign	Uncertain significance
5669	c. 1717T>A		Benign	Uncertain significance

5670	c. 1717T>C	rs876660448	Benign	Uncertain significance
5671	c. 1714G>A	rs730881473	Pathogenic	Uncertain significance
5672	c. 1714G>C	rs730881473	Benign	Uncertain significance
5673	c. 1712T>G		Benign	Uncertain significance
5674	c. 1712T>A	rs80357159	Benign	Uncertain significance
5675	c. 1711A>G	rs1310719199	Benign	Uncertain significance
5676	c. 1709C>A	rs879254020	Benign	Uncertain significance
5677	c. 1706A>G		Benign	Uncertain significance
5678	c. 1706A>T	rs1060502329	Pathogenic	Uncertain significance
5679	c. 1705A>G	rs587781315	Pathogenic	Uncertain significance
5680	c. 1703C>G	rs80356910	Benign	Uncertain significance
5681	c. 1702C>T	rs755122577	Benign	Uncertain significance
5682	c. 1701T>G	rs1555591359	Benign	Uncertain significance
5683	c. 1696A>C		Benign	Uncertain significance
5684	c. 1696A>G		Benign	Uncertain significance
5685	c. 1690A>T	rs397507191	Pathogenic	Uncertain significance
5686	c. 1686T>G	rs1268133978	Pathogenic	Uncertain significance
5687	c. 1685T>C	rs1555591375	Benign	Uncertain significance
5688	c. 1684A>G	rs1567798727	Pathogenic	Uncertain significance
5689	c. 1683T>C	rs1567798735	Benign	Uncertain significance
5690	c. 1679A>T	rs1567798739	Benign	Uncertain significance
5691	c. 1676G>A	rs80356980	Pathogenic	Uncertain significance
5692	c. 1676G>T	rs80356980	Pathogenic	Uncertain significance
5693	c. 1675G>A	rs1555591384	Pathogenic	Uncertain significance
5694	c. 1672A>C	rs397507190	Benign	Uncertain significance
5695	c. 1670C>T	rs1567798771	Benign	Uncertain significance
5696	c. 1666A>G	rs587783041	Pathogenic	Uncertain significance
5697	c. 1666A>C	rs587783041	Benign	Uncertain significance
5698	c. 1662G>C	rs876659028	Benign	Uncertain significance
5699	c. 1661A>G		Pathogenic	Uncertain significance
5700	c. 1658A>C	rs748431827	Benign	Uncertain significance
5701	c. 1655G>A	rs397508893	Pathogenic	Uncertain significance
5702	c. 1654G>A	rs758598971	Pathogenic	Uncertain significance
5703	c. 1651A>G	rs730881472	Pathogenic	Uncertain significance
5704	c. 1649A>G	rs1064795217	Benign	Uncertain significance
5705	c. 1642A>G	rs80356981	Pathogenic	Uncertain significance
5706	c. 1639A>T	rs1060502351	Pathogenic	Uncertain significance
5707	c. 1639A>C	rs1060502351	Benign	Uncertain significance
5708	c. 1638G>A	rs1060502340	Pathogenic	Uncertain significance
5709	c. 1636A>G	rs587782390	Benign	Uncertain significance
5710	c. 1631A>T	rs397508892	Pathogenic	Uncertain significance
5711	c. 1631A>C	rs397508892	Benign	Uncertain significance
5712	c. 1624A>G	rs1555591461	Benign	Uncertain significance
5713	c. 1620G>C	rs1555591465	Benign	Uncertain significance
5714	c. 1618G>A	rs730881471	Pathogenic	Uncertain significance
5715	c. 1616C>A	rs80357374	Benign	Uncertain significance
5716	c. 1607C>T		Benign	Uncertain significance
5717	c. 1607C>A	rs398122638	Benign	Uncertain significance
5718	c. 1607C>G	rs398122638	Benign	Uncertain significance
5719	c. 1604G>C	rs1064793602	Benign	Uncertain significance
5720	c. 1603G>A	rs1555591488	Benign	Uncertain significance
5721	c. 1589A>T		Pathogenic	Uncertain significance
5722	c. 1589A>G	rs1555591512	Benign	Uncertain significance
5723	c. 1580A>G	rs774959350	Benign	Uncertain significance

5724	c. 1574T>C	rs879253902	Benign	Uncertain significance
5725	c. 1571C>T	rs80357333	Pathogenic	Uncertain significance
5726	c. 1568T>G	rs397508885	Benign	Uncertain significance
5727	c. 1564G>A	rs80357453	Pathogenic	Uncertain significance
5728	c. 1561G>C	rs80357122	Benign	Uncertain significance
5729	c. 1558A>C	rs1555591572	Benign	Uncertain significance
5730	c. 1555A>C	rs397508882	Benign	Uncertain significance
5731	c. 1554C>A	rs1064794487	Pathogenic	Uncertain significance
5732	c. 1553T>C	rs1567799193	Benign	Uncertain significance
5733	c. 1552A>G		Pathogenic	Uncertain significance
5734	c. 1543G>A	rs886037990	Pathogenic	Uncertain significance
5735	c. 1541C>G	rs56100707	Benign	Uncertain significance
5736	c. 1541C>T	rs56100707	Benign	Uncertain significance
5737	c. 1540C>A	rs1555591584	Benign	Uncertain significance
5738	c. 1538A>G	rs1356078500	Pathogenic	Uncertain significance
5739	c. 1534C>G	rs41286294	Benign	Uncertain significance
5740	c. 1532G>T	rs397507188	Benign	Uncertain significance
5741	c. 1531G>A	rs1567799248	Pathogenic	Uncertain significance
5742	c. 1523C>T	rs398122637	Benign	Uncertain significance
5743	c. 1520G>T	rs80357224	Pathogenic	Uncertain significance
5744	c. 1514A>T	rs879254266	Pathogenic	Uncertain significance
5745	c. 1514A>G	rs879254266	Benign	Uncertain significance
5746	c. 1510C>T	rs80357445	Benign	Uncertain significance
5747	c. 1505T>C		Benign	Uncertain significance
5748	c. 1502A>C	rs113656989	Benign	Uncertain significance
5749	c. 1501A>C		Benign	Uncertain significance
5750	c. 1501A>G	rs1064793883	Pathogenic	Uncertain significance
5751	c. 1499A>G	rs1555591677	Benign	Uncertain significance
5752	c. 1498A>G	rs1555591681	Benign	Uncertain significance
5753	c. 1496C>T	rs876658285	Benign	Uncertain significance
5754	c. 1495A>C		Benign	Uncertain significance
5755	c. 1490C>T	rs1555591693	Benign	Uncertain significance
5756	c. 1489C>A	rs1555591695	Benign	Uncertain significance
5757	c. 1486C>A	rs28897676	Benign	Uncertain significance
5758	c. 1484A>C	rs1567799498	Benign	Uncertain significance
5759	c. 1478T>C	rs1555591707	Benign	Uncertain significance
5760	c. 1477A>C		Benign	Uncertain significance
5761	c. 1474A>G		Benign	Uncertain significance
5762	c. 1472A>C	rs80357376	Benign	Uncertain significance
5763	c. 1472A>G	rs80357376	Pathogenic	Uncertain significance
5764	c. 1471C>G	rs62625303	Benign	Uncertain significance
5765	c. 1469C>T	rs876658291	Benign	Uncertain significance
5766	c. 1465G>A	rs80357167	Pathogenic	Uncertain significance
5767	c. 1460T>G	rs748812609	Benign	Uncertain significance
5768	c. 1460T>C	rs748812609	Benign	Uncertain significance
5769	c. 1458T>G	rs80357400	Benign	Uncertain significance
5770	c. 1450G>A	rs80357304	Pathogenic	Uncertain significance
5771	c. 1448T>C	rs80357489	Benign	Uncertain significance
5772	c. 1441C>A		Pathogenic	Uncertain significance
5773	c. 1436A>G		Benign	Uncertain significance
5774	c. 1435G>C		Benign	Uncertain significance
5775	c. 1435G>A	rs1064794100	Pathogenic	Uncertain significance
5776	c. 1424G>A		Pathogenic	Uncertain significance
5777	c. 1423A>G		Benign	Uncertain significance

5778	c. 1423A>T	rs1064794047	Pathogenic	Uncertain significance
5779	c. 1418A>C		Benign	Uncertain significance
5780	c. 1412T>C		Benign	Uncertain significance
5781	c. 1409G>A	rs1567799713	Pathogenic	Uncertain significance
5782	c. 1408A>G		Benign	Uncertain significance
5783	c. 1406C>G	rs80357073	Benign	Uncertain significance
5784	c. 1396C>G	rs80356964	Pathogenic	Uncertain significance
5785	c. 1394A>G	rs876659885	Pathogenic	Uncertain significance
5786	c. 1391C>T	rs62625301	Benign	Uncertain significance
5787	c. 1387A>G	rs1135401844	Benign	Uncertain significance
5788	c. 1384G>A	rs80357221	Pathogenic	Uncertain significance
5789	c. 1381T>C	rs62625300	Benign	Uncertain significance
5790	c. 1379T>C		Benign	Uncertain significance
5791	c. 1379T>G	rs398122634	Benign	Uncertain significance
5792	c. 1374C>A	rs879253999	Benign	Uncertain significance
5793	c. 1367T>C	rs80357360	Benign	Uncertain significance
5794	c. 1363A>G		Pathogenic	Uncertain significance
5795	c. 1361G>A	rs80357181	Pathogenic	Uncertain significance
5796	c. 1355T>C	rs878854932	Benign	Uncertain significance
5797	c. 1350A>T		Benign	Uncertain significance
5798	c. 1345T>C		Benign	Uncertain significance
5799	c. 1343A>C		Benign	Uncertain significance
5800	c. 1342C>T	rs786203578	Benign	Uncertain significance
5801	c. 1339G>A	rs587782784	Benign	Uncertain significance
5802	c. 1336A>G	rs587781715	Benign	Uncertain significance
5803	c. 1334A>G		Benign	Uncertain significance
5804	c. 1333G>C	rs80356915	Benign	Uncertain significance
5805	c. 1332T>G	rs1555591925	Benign	Uncertain significance
5806	c. 1331G>A		Pathogenic	Uncertain significance
5807	c. 1324T>A	rs876660734	Benign	Uncertain significance
5808	c. 1324T>C	rs876660734	Benign	Uncertain significance
5809	c. 1323A>G	rs1555591935	Pathogenic	Uncertain significance
5810	c. 1322T>C		Benign	Uncertain significance
5811	c. 1321A>G	rs1567800029	Benign	Uncertain significance
5812	c. 1319T>C	rs273897656	Benign	Uncertain significance
5813	c. 1316C>G		Benign	Uncertain significance
5814	c. 1315G>A		Benign	Uncertain significance
5815	c. 1315G>T	rs1064794098	Benign	Uncertain significance
5816	c. 1313A>C	rs730881470	Benign	Uncertain significance
5817	c. 1310A>G	rs80357255	Pathogenic	Uncertain significance
5818	c. 1310A>C	rs80357255	Benign	Uncertain significance
5819	c. 1309C>T	rs759878392	Benign	Uncertain significance
5820	c. 1300A>C		Benign	Uncertain significance
5821	c. 1300A>G	rs786203753	Pathogenic	Uncertain significance
5822	c. 1295T>C	rs369394098	Benign	Uncertain significance
5823	c. 1291T>A	rs960381964	Benign	Uncertain significance
5824	c. 1289A>G		Benign	Uncertain significance
5825	c. 1286T>G	rs775869160	Benign	Uncertain significance
5826	c. 1286T>C	rs775869160	Benign	Uncertain significance
5827	c. 1270G>A	rs763051683	Pathogenic	Uncertain significance
5828	c. 1270G>C	rs763051683	Benign	Uncertain significance
5829	c. 1265A>T	rs1567800230	Benign	Uncertain significance
5830	c. 1264T>C	rs764186025	Benign	Uncertain significance
5831	c. 1261G>A	rs80357046	Pathogenic	Uncertain significance

5832	c. 1259A>G	rs730881442	Benign	Uncertain significance
5833	c. 1258G>C		Benign	Uncertain significance
5834	c. 1258G>A	rs80357488	Pathogenic	Uncertain significance
5835	c. 1256T>G	rs398122628	Benign	Uncertain significance
5836	c. 1255G>A	rs876658873	Pathogenic	Uncertain significance
5837	c. 1255G>C	rs876658873	Pathogenic	Uncertain significance
5838	c. 1251T>G	rs80357197	Benign	Uncertain significance
5839	c. 1244T>C	rs1064796031	Benign	Uncertain significance
5840	c. 1243G>T	rs587782770	Benign	Uncertain significance
5841	c. 1241A>C	rs1555592086	Benign	Uncertain significance
5842	c. 1234G>A	rs587776478	Pathogenic	Uncertain significance
5843	c. 1232A>T	rs730881469	Benign	Uncertain significance
5844	c. 1231G>A	rs80357301	Pathogenic	Uncertain significance
5845	c. 1228G>A	rs779974365	Pathogenic	Uncertain significance
5846	c. 1226T>C	rs786202539	Benign	Uncertain significance
5847	c. 1208C>T	rs80356934	Benign	Uncertain significance
5848	c. 1207T>G		Benign	Uncertain significance
5849	c. 1207T>C	rs1555592200	Benign	Uncertain significance
5850	c. 1206G>C		Benign	Uncertain significance
5851	c. 1205A>T	rs1555592216	Pathogenic	Uncertain significance
5852	c. 1204G>A		Pathogenic	Uncertain significance
5853	c. 1202G>C	rs397507184	Pathogenic	Uncertain significance
5854	c. 1201G>A	rs1555592242	Pathogenic	Uncertain significance
5855	c. 1199A>G	rs1555592245	Benign	Uncertain significance
5856	c. 1196A>G	rs587780794	Benign	Uncertain significance
5857	c. 1193C>T		Benign	Uncertain significance
5858	c. 1190A>T		Benign	Uncertain significance
5859	c. 1187A>T	rs1555592280	Benign	Uncertain significance
5860	c. 1187A>G	rs1555592280	Benign	Uncertain significance
5861	c. 1186G>A	rs786203145	Pathogenic	Uncertain significance
5862	c. 1181G>A		Benign	Uncertain significance
5863	c. 1181G>T	rs1555592295	Pathogenic	Uncertain significance
5864	c. 1175T>C	rs777305766	Benign	Uncertain significance
5865	c. 1163G>C	rs786203567	Benign	Uncertain significance
5866	c. 1160C>G	rs1567800665	Benign	Uncertain significance
5867	c. 1155G>T	rs876660558	Benign	Uncertain significance
5868	c. 1147A>C		Benign	Uncertain significance
5869	c. 1144G>T		Benign	Uncertain significance
5870	c. 1142A>G	rs1555592379	Benign	Uncertain significance
5871	c. 1139A>G	rs876659193	Pathogenic	Uncertain significance
5872	c. 1139A>C	rs876659193	Benign	Uncertain significance
5873	c. 1136T>C	rs1567800757	Benign	Uncertain significance
5874	c. 1135A>G	rs864622723	Pathogenic	Uncertain significance
5875	c. 1134C>A	rs863224752	Benign	Uncertain significance
5876	c. 1132A>G	rs1555592404	Pathogenic	Uncertain significance
5877	c. 1131C>G	rs786203434	Benign	Uncertain significance
5878	c. 1131C>A	rs786203434	Benign	Uncertain significance
5879	c. 1130G>A	rs80357398	Pathogenic	Uncertain significance
5880	c. 1129A>G	rs1555592415	Pathogenic	Uncertain significance
5881	c. 1127A>G	rs80356976	Benign	Uncertain significance
5882	c. 1121C>T	rs80357235	Benign	Uncertain significance
5883	c. 1114T>C	rs1306111238	Benign	Uncertain significance
5884	c. 1114T>A	rs1306111238	Benign	Uncertain significance
5885	c. 1108G>A		Pathogenic	Uncertain significance

5886	c. 1108G>C	rs1567800850	Benign	Uncertain significance
5887	c. 1106A>T	rs80357416	Benign	Uncertain significance
5888	c. 1106A>G	rs80357416	Benign	Uncertain significance
5889	c. 1099A>G	rs878854929	Pathogenic	Uncertain significance
5890	c. 1097A>T	rs587781769	Benign	Uncertain significance
5891	c. 1096G>C	rs1289961661	Benign	Uncertain significance
5892	c. 1090C>A	rs876660309	Benign	Uncertain significance
5893	c. 1082C>T	rs397508833	Benign	Uncertain significance
5894	c. 1078T>C	rs587782790	Benign	Uncertain significance
5895	c. 1075C>T	rs767666190	Benign	Uncertain significance
5896	c. 1069A>G		Benign	Uncertain significance
5897	c. 1064A>G	rs80357246	Benign	Uncertain significance
5898	c. 1061A>G	rs1555592577	Benign	Uncertain significance
5899	c. 1061A>T	rs1555592577	Benign	Uncertain significance
5900	c. 1059G>C	rs80356935	Benign	Uncertain significance
5901	c. 1054G>A	rs80357472	Pathogenic	Uncertain significance
5902	c. 1052A>T		Pathogenic	Uncertain significance
5903	c. 1043G>A	rs752198747	Pathogenic	Uncertain significance
5904	c. 1042T>C	rs786201928	Benign	Uncertain significance
5905	c. 1040T>A	rs757987511	Benign	Uncertain significance
5906	c. 1037C>A	rs1555592620	Pathogenic	Uncertain significance
5907	c. 1036C>G	rs80357015	Pathogenic	Uncertain significance
5908	c. 1033G>T	rs80356961	Pathogenic	Uncertain significance
5909	c. 1031C>A	rs876658636	Benign	Uncertain significance
5910	c. 1031C>T	rs876658636	Benign	Uncertain significance
5911	c. 1030G>A	rs79727659	Pathogenic	Uncertain significance
5912	c. 1025T>A		Benign	Uncertain significance
5913	c. 1025T>C	rs1555592634	Benign	Uncertain significance
5914	c. 1022A>C	rs1567801162	Benign	Uncertain significance
5915	c. 1021G>T	rs756987689	Pathogenic	Uncertain significance
5916	c. 1021G>A	rs756987689	Pathogenic	Uncertain significance
5917	c. 1017G>T	rs863224416	Benign	Uncertain significance
5918	c. 1016A>C	rs587781737	Benign	Uncertain significance
5919	c. 1012A>G	rs397508826	Benign	Uncertain significance
5920	c. 1007C>G		Benign	Uncertain significance
5921	c. 1005C>A	rs876660367	Benign	Uncertain significance
5922	c. 1000C>A	rs1555592700	Benign	Uncertain significance
5923	c. 998C>G	rs431825420	Benign	Uncertain significance
5924	c. 998C>T	rs431825420	Benign	Uncertain significance
5925	c. 994C>G		Benign	Uncertain significance
5926	c. 993G>C	rs80357140	Benign	Uncertain significance
5927	c. 988G>A	rs397507259	Pathogenic	Uncertain significance
5928	c. 985A>T	rs786203732	Pathogenic	Uncertain significance
5929	c. 983G>A		Pathogenic	Uncertain significance
5930	c. 982T>G	rs748156170	Benign	Uncertain significance
5931	c. 982T>C	rs748156170	Benign	Uncertain significance
5932	c. 976G>C		Benign	Uncertain significance
5933	c. 971G>A	rs1462728426	Pathogenic	Uncertain significance
5934	c. 967G>A		Pathogenic	Uncertain significance
5935	c. 954T>A	rs1135401826	Benign	Uncertain significance
5936	c. 953A>G	rs776278453	Benign	Uncertain significance
5937	c. 948C>G	rs1555592782	Benign	Uncertain significance
5938	c. 947G>A	rs1465372282	Pathogenic	Uncertain significance
5939	c. 945G>C		Benign	Uncertain significance

5940	c. 944G>A	rs1555592792	Benign	Uncertain significance
5941	c. 943A>G	rs80357050	Benign	Uncertain significance
5942	c. 941C>T	rs863224766	Pathogenic	Uncertain significance
5943	c. 932C>T	rs1301795658	Benign	Uncertain significance
5944	c. 929A>C		Benign	Uncertain significance
5945	c. 926A>C	rs80356877	Benign	Uncertain significance
5946	c. 925A>G	rs879255498	Benign	Uncertain significance
5947	c. 924C>T	rs1555592819	Pathogenic	Uncertain significance
5948	c. 923G>A	rs561998108	Pathogenic	Uncertain significance
5949	c. 923G>C	rs561998108	Benign	Uncertain significance
5950	c. 922A>G	rs55767801	Benign	Uncertain significance
5951	c. 919A>G	rs1216516227	Pathogenic	Uncertain significance
5952	c. 914G>T		Benign	Uncertain significance
5953	c. 914G>A	rs751124745	Pathogenic	Uncertain significance
5954	c. 910T>C	rs1567801570	Benign	Uncertain significance
5955	c. 903G>T		Benign	Uncertain significance
5956	c. 902A>G	rs878854965	Benign	Uncertain significance
5957	c. 900A>C	rs80356861	Benign	Uncertain significance
5958	c. 898G>A	rs886040330	Pathogenic	Uncertain significance
5959	c. 896T>C		Benign	Uncertain significance
5960	c. 894T>C		Benign	Uncertain significance
5961	c. 890T>A	rs80356924	Benign	Uncertain significance
5962	c. 889A>G	rs80357196	Benign	Uncertain significance
5963	c. 885C>G		Benign	Uncertain significance
5964	c. 884A>G	rs772684048	Benign	Uncertain significance
5965	c. 881A>G	rs1555592934	Benign	Uncertain significance
5966	c. 880A>G	rs1567801705	Pathogenic	Uncertain significance
5967	c. 878C>G	rs747172803	Benign	Uncertain significance
5968	c. 878C>T	rs747172803	Benign	Uncertain significance
5969	c. 877A>C	rs1555592945	Benign	Uncertain significance
5970	c. 869T>C	rs730881468	Benign	Uncertain significance
5971	c. 866G>C		Benign	Uncertain significance
5972	c. 866G>A	rs776999497	Benign	Uncertain significance
5973	c. 862A>G		Pathogenic	Uncertain significance
5974	c. 861C>G	rs1064794692	Benign	Uncertain significance
5975	c. 852G>C		Benign	Uncertain significance
5976	c. 851A>G	rs80357039	Pathogenic	Uncertain significance
5977	c. 845C>T	rs786203027	Benign	Uncertain significance
5978	c. 842G>C		Benign	Uncertain significance
5979	c. 841A>G	rs1300771163	Pathogenic	Uncertain significance
5980	c. 839C>A		Benign	Uncertain significance
5981	c. 836A>T	rs80357482	Benign	Uncertain significance
5982	c. 836A>G	rs80357482	Pathogenic	Uncertain significance
5983	c. 835C>T		Benign	Uncertain significance
5984	c. 827C>A	rs80357436	Benign	Uncertain significance
5985	c. 821G>A		Pathogenic	Uncertain significance
5986	c. 820T>C		Benign	Uncertain significance
5987	c. 817C>T		Benign	Uncertain significance
5988	c. 812T>C	rs753099787	Benign	Uncertain significance
5989	c. 812T>G	rs753099787	Benign	Uncertain significance
5990	c. 811G>T	rs80357244	Benign	Uncertain significance
5991	c. 811G>C	rs80357244	Benign	Uncertain significance
5992	c. 809A>G		Benign	Uncertain significance
5993	c. 808C>T		Benign	Uncertain significance

5994	c. 804C>G	rs771076131	Benign	Uncertain significance
5995	c. 803A>G		Benign	Uncertain significance
5996	c. 802A>G	rs1555593066	Benign	Uncertain significance
5997	c. 799T>C	rs587781496	Benign	Uncertain significance
5998	c. 792T>G	rs80357214	Benign	Uncertain significance
5999	c. 788G>A	rs397509319	Pathogenic	Uncertain significance
6000	c. 787G>A	rs397509318	Pathogenic	Uncertain significance
6001	c. 785A>G	rs1555593115	Pathogenic	Uncertain significance
6002	c. 779A>G		Benign	Uncertain significance
6003	c. 778A>C	rs786202263	Benign	Uncertain significance
6004	c. 773C>G	rs80357225	Benign	Uncertain significance
6005	c. 769C>T		Benign	Uncertain significance
6006	c. 768G>C		Benign	Uncertain significance
6007	c. 767G>A	rs11658785	Pathogenic	Uncertain significance
6008	c. 766A>T	rs587781833	Pathogenic	Uncertain significance
6009	c. 765G>C		Benign	Uncertain significance
6010	c. 758C>T	rs1555593177	Pathogenic	Uncertain significance
6011	c. 757G>A	rs80357293	Pathogenic	Uncertain significance
6012	c. 748G>A	rs1567802220	Pathogenic	Uncertain significance
6013	c. 745A>T	rs397507256	Benign	Uncertain significance
6014	c. 743C>A	rs80357062	Benign	Uncertain significance
6015	c. 742A>G	rs879255288	Benign	Uncertain significance
6016	c. 735T>A	rs1567802284	Benign	Uncertain significance
6017	c. 734A>T	rs80356865	Benign	Uncertain significance
6018	c. 733G>C		Benign	Uncertain significance
6019	c. 733G>T	rs147519994	Pathogenic	Uncertain significance
6020	c. 729T>G	rs730881467	Benign	Uncertain significance
6021	c. 727A>G	rs587782123	Pathogenic	Uncertain significance
6022	c. 725G>A		Pathogenic	Uncertain significance
6023	c. 724A>G	rs1555593258	Pathogenic	Uncertain significance
6024	c. 722C>T	rs80357351	Benign	Uncertain significance
6025	c. 721C>A	rs1555593260	Benign	Uncertain significance
6026	c. 716A>T	rs80357396	Benign	Uncertain significance
6027	c. 715C>T		Benign	Uncertain significance
6028	c. 713A>G	rs587782094	Benign	Uncertain significance
6029	c. 710A>C		Benign	Uncertain significance
6030	c. 707C>G	rs80356990	Benign	Uncertain significance
6031	c. 704A>G	rs1555593283	Benign	Uncertain significance
6032	c. 701C>A	rs1555593290	Benign	Uncertain significance
6033	c. 701C>T	rs1555593290	Benign	Uncertain significance
6034	c. 700A>G		Benign	Uncertain significance
6035	c. 695A>T	rs398122708	Benign	Uncertain significance
6036	c. 694G>T	rs55975699	Pathogenic	Uncertain significance
6037	c. 686C>T		Benign	Uncertain significance
6038	c. 683T>A	rs191872612	Pathogenic	Uncertain significance
6039	c. 677G>C		Benign	Uncertain significance
6040	c. 677G>A	rs1376262238	Pathogenic	Uncertain significance
6041	c. 671C>T	rs1060502335	Benign	Uncertain significance
6042	c. 671-98G>C	rs273902785	Benign	Uncertain significance
6043	c. 671-141T>A	rs273902782	Benign	Uncertain significance
6044	c. 670G>A	rs431825419	Pathogenic	Uncertain significance
6045	c. 665A>C		Benign	Uncertain significance
6046	c. 665A>G	rs398122705	Benign	Uncertain significance
6047	c. 662C>T		Pathogenic	Uncertain significance

6048	c. 659C>G	rs431825418	Benign	Uncertain significance
6049	c. 655G>C	rs273902779	Benign	Uncertain significance
6050	c. 650G>C	rs774284145	Benign	Uncertain significance
6051	c. 646A>G	rs398122704	Benign	Uncertain significance
6052	c. 640G>T	rs786203797	Pathogenic	Uncertain significance
6053	c. 640G>A	rs786203797	Benign	Uncertain significance
6054	c. 639G>T	rs1131692078	Benign	Uncertain significance
6055	c. 638G>A	rs1567803140	Pathogenic	Uncertain significance
6056	c. 637A>G	rs80357081	Pathogenic	Uncertain significance
6057	c. 631G>A	rs1192717688	Benign	Uncertain significance
6058	c. 628C>G		Pathogenic	Uncertain significance
6059	c. 626C>G		Benign	Uncertain significance
6060	c. 626C>T	rs201596327	Benign	Uncertain significance
6061	c. 625C>T	rs730881466	Benign	Uncertain significance
6062	c. 619A>G		Benign	Uncertain significance
6063	c. 617A>C	rs879255494	Benign	Uncertain significance
6064	c. 616C>G	rs397509301	Benign	Uncertain significance
6065	c. 616C>T	rs397509301	Benign	Uncertain significance
6066	c. 611T>G		Benign	Uncertain significance
6067	c. 607G>A	rs398122703	Pathogenic	Uncertain significance
6068	c. 605A>C	rs1060502366	Benign	Uncertain significance
6069	c. 604C>A		Pathogenic	Uncertain significance
6070	c. 601G>A	rs80357109	Pathogenic	Uncertain significance
6071	c. 599G>A		Pathogenic	Uncertain significance
6072	c. 595G>A	rs1555593622	Pathogenic	Uncertain significance
6073	c. 594-1G>T	rs757781708	Benign	Uncertain significance
6074	c. 593G>A		Pathogenic	Uncertain significance
6075	c. 587A>T	rs1555594039	Benign	Uncertain significance
6076	c. 586T>C		Benign	Uncertain significance
6077	c. 581C>T		Pathogenic	Uncertain significance
6078	c. 577A>G	rs878854962	Pathogenic	Uncertain significance
6079	c. 566A>G	rs1555594067	Benign	Uncertain significance
6080	c. 564A>C		Benign	Uncertain significance
6081	c. 562G>A	rs1555594069	Pathogenic	Uncertain significance
6082	c. 557C>T	rs55688530	Benign	Uncertain significance
6083	c. 556T>G	rs397509298	Pathogenic	Uncertain significance
6084	c. 551C>T	rs878854961	Benign	Uncertain significance
6085	c. 550T>A	rs1064795269	Benign	Uncertain significance
6086	c. 548G>T	rs1555594081	Pathogenic	Uncertain significance
6087	c. 548-4T>C		Benign	Uncertain significance
6088	c. 548-6T>C		Benign	Uncertain significance
6089	c. 547G>C	rs1135401931	Benign	Uncertain significance
6090	c. 546G>T	rs1464752950	Benign	Uncertain significance
6091	c. 544T>A	rs1060502339	Benign	Uncertain significance
6092	c. 539T>C	rs1567805965	Benign	Uncertain significance
6093	c. 538A>G		Benign	Uncertain significance
6094	c. 538A>C	rs1555594803	Benign	Uncertain significance
6095	c. 535T>C	rs587781761	Benign	Uncertain significance
6096	c. 533T>A	rs876660085	Benign	Uncertain significance
6097	c. 532G>C	rs1259369962	Benign	Uncertain significance
6098	c. 530C>T		Benign	Uncertain significance
6099	c. 530C>G	rs753940026	Benign	Uncertain significance
6100	c. 529T>A	rs1555594827	Benign	Uncertain significance
6101	c. 527C>T	rs587782747	Benign	Uncertain significance

6102	c. 527C>G	rs587782747	Benign	Uncertain significance
6103	c. 523A>G	rs1567806027	Benign	Uncertain significance
6104	c. 521A>G	rs1567806035	Pathogenic	Uncertain significance
6105	c. 521A>C	rs1567806035	Benign	Uncertain significance
6106	c. 515A>G	rs1555594863	Benign	Uncertain significance
6107	c. 506A>C	rs587780803	Benign	Uncertain significance
6108	c. 503A>C	rs273901743	Benign	Uncertain significance
6109	c. 502A>G	rs886040263	Benign	Uncertain significance
6110	c. 499A>G		Benign	Uncertain significance
6111	c. 493C>G		Benign	Uncertain significance
6112	c. 491C>T	rs1555594889	Benign	Uncertain significance
6113	c. 490A>C	rs80357384	Benign	Uncertain significance
6114	c. 488G>C	rs1369043501	Benign	Uncertain significance
6115	c. 485T>G		Benign	Uncertain significance
6116	c. 484G>A	rs55816927	Pathogenic	Uncertain significance
6117	c. 483T>G	rs1060504575	Benign	Uncertain significance
6118	c. 478G>A	rs62625285	Pathogenic	Uncertain significance
6119	c. 470C>G	rs80357045	Benign	Uncertain significance
6120	c. 469T>C	rs80356897	Benign	Uncertain significance
6121	c. 466C>T	rs587778115	Benign	Uncertain significance
6122	c. 466C>A	rs587778115	Benign	Uncertain significance
6123	c. 465A>T	rs864622260	Benign	Uncertain significance
6124	c. 465A>C	rs864622260	Benign	Uncertain significance
6125	c. 460G>A	rs1064793318	Pathogenic	Uncertain significance
6126	c. 458G>A		Benign	Uncertain significance
6127	c. 457A>G	rs28897674	Pathogenic	Uncertain significance
6128	c. 455T>C	rs80357275	Benign	Uncertain significance
6129	c. 445G>A	rs876658381	Benign	Uncertain significance
6130	c. 442-1G>A		Pathogenic	Uncertain significance
6131	c. 441+4A>G		Benign	Uncertain significance
6132	c. 441G>T	rs748876625	Benign	Uncertain significance
6133	c. 439T>G	rs794727800	Benign	Uncertain significance
6134	c. 437C>T	rs1060502358	Benign	Uncertain significance
6135	c. 436T>C	rs1555596290	Benign	Uncertain significance
6136	c. 434C>T	rs886041143	Benign	Uncertain significance
6137	c. 433C>A		Benign	Uncertain significance
6138	c. 429A>C	rs397507228	Benign	Uncertain significance
6139	c. 427G>C	rs80356991	Benign	Uncertain significance
6140	c. 424C>G	rs397509156	Benign	Uncertain significance
6141	c. 420T>G	rs730881448	Benign	Uncertain significance
6142	c. 419G>A	rs1064793055	Benign	Uncertain significance
6143	c. 416A>G	rs786202213	Pathogenic	Uncertain significance
6144	c. 413T>C	rs200449040	Benign	Uncertain significance
6145	c. 412C>G	rs587782724	Benign	Uncertain significance
6146	c. 410T>A	rs751078452	Benign	Uncertain significance
6147	c. 410T>C	rs751078452	Benign	Uncertain significance
6148	c. 401C>A		Benign	Uncertain significance
6149	c. 400G>A		Pathogenic	Uncertain significance
6150	c. 398G>T		Benign	Uncertain significance
6151	c. 395A>G		Benign	Uncertain significance
6152	c. 391A>G	rs80357207	Pathogenic	Uncertain significance
6153	c. 389A>G	rs56055578	Pathogenic	Uncertain significance
6154	c. 386G>T	rs764231119	Benign	Uncertain significance
6155	c. 385G>T	rs1555596362	Benign	Uncertain significance

6156	c. 385G>A	rs1555596362	Pathogenic	Uncertain significance
6157	c. 383T>C	rs1064793053	Benign	Uncertain significance
6158	c. 382A>G	rs864622124	Pathogenic	Uncertain significance
6159	c. 381T>G	rs945168715	Benign	Uncertain significance
6160	c. 380G>T	rs80357189	Benign	Uncertain significance
6161	c. 380G>A	rs80357189	Benign	Uncertain significance
6162	c. 373A>G	rs587776489	Pathogenic	Uncertain significance
6163	c. 372C>G	rs273900715	Pathogenic	Uncertain significance
6164	c. 370A>C	rs80357448	Benign	Uncertain significance
6165	c. 364G>C	rs1555596409	Benign	Uncertain significance
6166	c. 362A>G	rs1555596419	Benign	Uncertain significance
6167	c. 359A>G	rs587781491	Benign	Uncertain significance
6168	c. 358G>A	rs587782882	Pathogenic	Uncertain significance
6169	c. 352C>G	rs876659315	Benign	Uncertain significance
6170	c. 350A>T		Benign	Uncertain significance
6171	c. 349C>T	rs1042173379	Benign	Uncertain significance
6172	c. 347A>G		Benign	Uncertain significance
6173	c. 344C>T	rs876659528	Benign	Uncertain significance
6174	c. 343C>T	rs1468589409	Benign	Uncertain significance
6175	c. 343C>A	rs1468589409	Benign	Uncertain significance
6176	c. 341C>G	rs786202620	Benign	Uncertain significance
6177	c. 339C>G	rs587779367	Benign	Uncertain significance
6178	c. 338A>G	rs587780800	Benign	Uncertain significance
6179	c. 334A>G	rs587782017	Benign	Uncertain significance
6180	c. 333A>C	rs1567810451	Benign	Uncertain significance
6181	c. 332A>T	rs80357312	Pathogenic	Uncertain significance
6182	c. 332A>C	rs80357312	Benign	Uncertain significance
6183	c. 331G>A		Benign	Uncertain significance
6184	c. 328A>G	rs878854946	Benign	Uncertain significance
6185	c. 325A>G	rs1555596474	Benign	Uncertain significance
6186	c. 319T>C		Benign	Uncertain significance
6187	c. 319T>A	rs878854944	Pathogenic	Uncertain significance
6188	c. 316A>C	rs786202937	Benign	Uncertain significance
6189	c. 310A>C		Benign	Uncertain significance
6190	c. 304G>A	rs1555596491	Pathogenic	Uncertain significance
6191	c. 302A>G	rs587781798	Benign	Uncertain significance
6192	c. 301T>C	rs1555596637	Benign	Uncertain significance
6193	c. 296T>C	rs1567811021	Benign	Uncertain significance
6194	c. 292G>C	rs80357409	Benign	Uncertain significance
6195	c. 290C>T	rs431825393	Benign	Uncertain significance
6196	c. 290C>G	rs431825393	Benign	Uncertain significance
6197	c. 289A>G	rs1404795980	Benign	Uncertain significance
6198	c. 286G>C	rs80357110	Benign	Uncertain significance
6199	c. 286G>A	rs80357110	Pathogenic	Uncertain significance
6200	c. 275C>G		Benign	Uncertain significance
6201	c. 274G>C	rs863224755	Benign	Uncertain significance
6202	c. 272G>C		Benign	Uncertain significance
6203	c. 272G>A	rs1333635543	Pathogenic	Uncertain significance
6204	c. 271T>C	rs786203939	Benign	Uncertain significance
6205	c. 269T>C	rs80357174	Benign	Uncertain significance
6206	c. 268A>G	rs1555596673	Pathogenic	Uncertain significance
6207	c. 266T>C	rs80357097	Benign	Uncertain significance
6208	c. 260T>G		Benign	Uncertain significance
6209	c. 259T>G	rs80357091	Benign	Uncertain significance

6210	c. 255G>T	rs756499058	Benign	Uncertain significance
6211	c. 247G>A	rs1060502343	Pathogenic	Uncertain significance
6212	c. 247G>T	rs1060502343	Benign	Uncertain significance
6213	c. 242A>T	rs886040862	Pathogenic	Uncertain significance
6214	c. 241C>G	rs80357350	Pathogenic	Uncertain significance
6215	c. 235T>G		Benign	Uncertain significance
6216	c. 230C>T	rs80357209	Benign	Uncertain significance
6217	c. 230C>G	rs80357209	Benign	Uncertain significance
6218	c. 228T>G		Benign	Uncertain significance
6219	c. 224A>T		Pathogenic	Uncertain significance
6220	c. 222A>C	rs730881465	Benign	Uncertain significance
6221	c. 220C>A	rs80357234	Benign	Uncertain significance
6222	c. 216C>G	rs80356967	Benign	Uncertain significance
6223	c. 216C>A	rs80356967	Benign	Uncertain significance
6224	c. 213-14C>G	rs1060502337	Benign	Uncertain significance
6225	c. 212+11T>A		Benign	Uncertain significance
6226	c. 207C>T		Benign	Uncertain significance
6227	c. 199G>A	rs80357102	Pathogenic	Uncertain significance
6228	c. 198T>A		Benign	Uncertain significance
6229	c. 189A>T	rs80356956	Benign	Uncertain significance
6230	c. 185C>G	rs786202286	Benign	Uncertain significance
6231	c. 179A>G	rs373655067	Pathogenic	Uncertain significance
6232	c. 176C>T		Benign	Uncertain significance
6233	c. 172C>T	rs397508904	Benign	Uncertain significance
6234	c. 172C>A	rs397508904	Benign	Uncertain significance
6235	c. 172C>G	rs397508904	Benign	Uncertain significance
6236	c. 170G>C		Benign	Uncertain significance
6237	c. 169G>A	rs879255289	Pathogenic	Uncertain significance
6238	c. 169G>C	rs879255289	Benign	Uncertain significance
6239	c. 165G>A		Pathogenic	Uncertain significance
6240	c. 161A>G	rs397507189	Pathogenic	Uncertain significance
6241	c. 160C>A	rs80356864	Pathogenic	Uncertain significance
6242	c. 155T>C	rs1060502346	Benign	Uncertain significance
6243	c. 152T>C	rs1555597285	Benign	Uncertain significance
6244	c. 150A>T	rs1555597289	Benign	Uncertain significance
6245	c. 146T>G	rs273897660	Benign	Uncertain significance
6246	c. 142A>G	rs879255477	Benign	Uncertain significance
6247	c. 139T>C		Benign	Uncertain significance
6248	c. 135A>T	rs80356883	Pathogenic	Uncertain significance
6249	c. 135-4A>G		Pathogenic	Uncertain significance
6250	c. 134A>C	rs80356863	Benign	Uncertain significance
6251	c. 128T>C	rs1298544053	Benign	Uncertain significance
6252	c. 127T>C	rs1555599214	Benign	Uncertain significance
6253	c. 124A>C	rs80357163	Benign	Uncertain significance
6254	c. 118G>A	rs879255290	Pathogenic	Uncertain significance
6255	c. 114G>T	rs1800062	Benign	Uncertain significance
6256	c. 107C>A	rs183557525	Benign	Uncertain significance
6257	c. 106T>A	rs905812561	Benign	Uncertain significance
6258	c. 103G>T	rs879255284	Benign	Uncertain significance
6259	c. 101C>T	rs786203319	Benign	Uncertain significance
6260	c. 100C>T	rs1064793357	Benign	Uncertain significance
6261	c. 98A>C	rs876660844	Benign	Uncertain significance
6262	c. 97G>C	rs80357066	Benign	Uncertain significance
6263	c. 96G>C		Benign	Uncertain significance

6264	c. 91A>G		Benign	Uncertain significance
6265	c. 86A>G	rs773841328	Benign	Uncertain significance
6266	c. 83T>C	rs80357266	Benign	Uncertain significance
6267	c. 82C>G		Benign	Uncertain significance
6268	c. 80G>C	rs1064793052	Benign	Uncertain significance
6269	c. 77T>C		Benign	Uncertain significance
6270	c. 76A>T		Benign	Uncertain significance
6271	c. 74C>T	rs876660096	Benign	Uncertain significance
6272	c. 71G>A	rs80357198	Pathogenic	Uncertain significance
6273	c. 70T>G		Benign	Uncertain significance
6274	c. 69G>C	rs766004110	Benign	Uncertain significance
6275	c. 68A>C		Benign	Uncertain significance
6276	c. 67G>C	rs372047427	Benign	Uncertain significance
6277	c. 66A>C	rs786202533	Pathogenic	Uncertain significance
6278	c. 62T>G	rs1135401834	Benign	Uncertain significance
6279	c. 60A>C	rs202168814	Benign	Uncertain significance
6280	c. 56A>G		Pathogenic	Uncertain significance
6281	c. 54G>A		Pathogenic	Uncertain significance
6282	c. 53T>G	rs80356929	Benign	Uncertain significance
6283	c. 53T>A	rs80356929	Benign	Uncertain significance
6284	c. 49G>T	rs1402064476	Benign	Uncertain significance
6285	c. 48T>A	rs1555600963	Benign	Uncertain significance
6286	c. 44T>C	rs80357316	Benign	Uncertain significance
6287	c. 40G>T		Benign	Uncertain significance
6288	c. 37A>G		Benign	Uncertain significance
6289	c. 35A>G	rs1555601006	Benign	Uncertain significance
6290	c. 34C>G		Benign	Uncertain significance
6291	c. 32T>G	rs80357017	Benign	Uncertain significance
6292	c. 32T>C	rs80357017	Benign	Uncertain significance
6293	c. 31G>C	rs1555601019	Benign	Uncertain significance
6294	c. 25G>C	rs1567823437	Benign	Uncertain significance
6295	c. 20G>T		Benign	Uncertain significance
6296	c. 19C>A	rs80356994	Benign	Uncertain significance
6297	c. 16C>T		Benign	Uncertain significance
6298	c. 14C>T	rs1335137805	Benign	Uncertain significance
6299	c. 13G>C		Benign	Uncertain significance
6300	c. 11C>T	rs786203152	Benign	Uncertain significance
6301	c. 9A>T	rs780157871	Benign	Uncertain significance
6302	c. -1A>G	rs587781565	Benign	Uncertain significance
6303	c. -1A>C	rs587781565	Benign	Uncertain significance
6304	c. -2A>T	rs273899693	Pathogenic	Uncertain significance
6305	c. -3G>T	rs273900720	Pathogenic	Uncertain significance
6306	c. -3G>C	rs273900720	Benign	Uncertain significance
6307	c. -9C>G	rs1555601059	Benign	Uncertain significance
6308	c. -11A>C	rs273897654	Benign	Uncertain significance
6309	c. -13G>A	rs431825383	Pathogenic	Uncertain significance
6310	c. -14T>C	rs273897661	Benign	Uncertain significance
6311	c. -20+59G>T	rs1057517547	Benign	Uncertain significance
6312	c. -20+3A>T		Pathogenic	Uncertain significance
6313	c. -20+3A>G	rs1064795882	Pathogenic	Uncertain significance
6314	c. -20+2T>C	rs1567824383	Benign	Uncertain significance
6315	c. -20+1G>C		Benign	Uncertain significance
6316	c. -20G>A	rs886039588	Benign	Uncertain significance
6317	c. -22A>G	rs886052976	Benign	Uncertain significance

6318	c. -42T>G	rs544342552	Benign	Uncertain significance
6319	c. -44C>T	rs1262271602	Benign	Uncertain significance
6320	c. -61C>T	rs549332987	Benign	Uncertain significance
6321	c. -62G>A	rs776540382	Benign	Uncertain significance

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