

Table M3. All variants with annotation and frequency.

Table with columns: Gene, Chromosome, Position, Reference Allele, Alternate Allele, Keioa Variant, Transmembrane, CADD Consequence Detail, HCV328 Mutation, HCV329 Mutation, Antibody Site, Protein Domain, CADD Score, PolyPhen2 Category, PolyPhen2 Score, SIFT, SIFT Score, AlterPDB, EAC, Non-Flush, European Carrier Frequency.





















1	0	0.0007	5	0	0.0008
2	0	0.0008	2	0	0.0011
3	0	0.0000	1	0	0.0008
4	0	0.0000	1	0	0.0008
5	0	0.0000	1	0	0.0008
6	0	0.0000	1	0	0.0008
7	0	0.0000	1	0	0.0008
8	0	0.0000	1	0	0.0008
9	0	0.0000	1	0	0.0008
10	0	0.0000	1	0	0.0008
11	0	0.0000	1	0	0.0008
12	0	0.0000	1	0	0.0008
13	0	0.0000	1	0	0.0008
14	0	0.0000	1	0	0.0008
15	0	0.0000	1	0	0.0008
16	0	0.0000	1	0	0.0008
17	0	0.0000	1	0	0.0008
18	0	0.0000	1	0	0.0008
19	0	0.0000	1	0	0.0008
20	0	0.0000	1	0	0.0008
21	0	0.0000	1	0	0.0008
22	0	0.0000	1	0	0.0008
23	0	0.0000	1	0	0.0008
24	0	0.0000	1	0	0.0008
25	0	0.0000	1	0	0.0008
26	0	0.0000	1	0	0.0008
27	0	0.0000	1	0	0.0008
28	0	0.0000	1	0	0.0008
29	0	0.0000	1	0	0.0008
30	0	0.0000	1	0	0.0008
31	0	0.0000	1	0	0.0008
32	0	0.0000	1	0	0.0008
33	0	0.0000	1	0	0.0008
34	0	0.0000	1	0	0.0008
35	0	0.0000	1	0	0.0008
36	0	0.0000	1	0	0.0008
37	0	0.0000	1	0	0.0008
38	0	0.0000	1	0	0.0008
39	0	0.0000	1	0	0.0008
40	0	0.0000	1	0	0.0008
41	0	0.0000	1	0	0.0008
42	0	0.0000	1	0	0.0008
43	0	0.0000	1	0	0.0008
44	0	0.0000	1	0	0.0008
45	0	0.0000	1	0	0.0008
46	0	0.0000	1	0	0.0008
47	0	0.0000	1	0	0.0008
48	0	0.0000	1	0	0.0008
49	0	0.0000	1	0	0.0008
50	0	0.0000	1	0	0.0008
51	0	0.0000	1	0	0.0008
52	0	0.0000	1	0	0.0008
53	0	0.0000	1	0	0.0008
54	0	0.0000	1	0	0.0008
55	0	0.0000	1	0	0.0008
56	0	0.0000	1	0	0.0008
57	0	0.0000	1	0	0.0008
58	0	0.0000	1	0	0.0008
59	0	0.0000	1	0	0.0008
60	0	0.0000	1	0	0.0008
61	0	0.0000	1	0	0.0008
62	0	0.0000	1	0	0.0008
63	0	0.0000	1	0	0.0008
64	0	0.0000	1	0	0.0008
65	0	0.0000	1	0	0.0008
66	0	0.0000	1	0	0.0008
67	0	0.0000	1	0	0.0008
68	0	0.0000	1	0	0.0008
69	0	0.0000	1	0	0.0008
70	0	0.0000	1	0	0.0008
71	0	0.0000	1	0	0.0008
72	0	0.0000	1	0	0.0008
73	0	0.0000	1	0	0.0008
74	0	0.0000	1	0	0.0008
75	0	0.0000	1	0	0.0008
76	0	0.0000	1	0	0.0008
77	0	0.0000	1	0	0.0008
78	0	0.0000	1	0	0.0008
79	0	0.0000	1	0	0.0008
80	0	0.0000	1	0	0.0008
81	0	0.0000	1	0	0.0008
82	0	0.0000	1	0	0.0008
83	0	0.0000	1	0	0.0008
84	0	0.0000	1	0	0.0008
85	0	0.0000	1	0	0.0008
86	0	0.0000	1	0	0.0008
87	0	0.0000	1	0	0.0008
88	0	0.0000	1	0	0.0008
89	0	0.0000	1	0	0.0008
90	0	0.0000	1	0	0.0008
91	0	0.0000	1	0	0.0008
92	0	0.0000	1	0	0.0008
93	0	0.0000	1	0	0.0008
94	0	0.0000	1	0	0.0008
95	0	0.0000	1	0	0.0008
96	0	0.0000	1	0	0.0008
97	0	0.0000	1	0	0.0008
98	0	0.0000	1	0	0.0008
99	0	0.0000	1	0	0.0008
100	0	0.0000	1	0	0.0008

accrual_significance_not_provided	1	0	0.0001	6	0	0.0006
blfpy_buhelp	0	0	0.0000	1	0	0.0000
NA	0	0	0.0000	1	0	0.0000
NA	0	0	0.0000	1	0	0.0000
not_provided_change	0	0	0.0000	2	0	0.0000
NA	1	0	0.0001	3	0	0.0001
NA	0	0	0.0000	1	0	0.0000
NA	1	0	0.0001	0	0	0.0000
NA	0	0	0.0000	1	0	0.0000
blfpy_buhelp	0	0	0.0000	6	0	0.0006
NA	1	0	0.0001	0	0	0.0000
NA	0	0	0.0000	1	0	0.0000
NA	0	0	0.0000	1	0	0.0000
accrual_significance	0	0	0.0000	0	0	0.0000
NA	0	0	0.0000	1	0	0.0000
accrual_significance	0	0	0.0000	1	0	0.0000
blfpy_buhelp	2	0	0.0016	12	0	0.0002
accrual_significance	0	0	0.0000	1	0	0.0000
NA	1	0	0.0001	11	0	0.0002
NA	0	0	0.0000	1	0	0.0000
NA	0	0	0.0000	1	0	0.0000
accrual_significance	0	0	0.0000	2	0	0.0001
NA	0	0	0.0000	1	0	0.0000
accrual_significance	0	0	0.0000	2	0	0.0001
NA	1	0	0.0001	0	0	0.0000
NA	0	0	0.0000	1	0	0.0000
NA	0	0	0.0000	1	0	0.0000
accrual_significance	0	0	0.0000	0	0	0.0000
NA	0	0	0.0000	1	0	0.0000
NA	0	0	0.0000	1	0	0.0000
accrual_significance	1	0	0.0000	2	0	0.0000
NA	0	0	0.0000	1	0	0.0000
accrual_significance	0	0	0.0000	1	0	0.0000
NA	1	0	0.0000	2	0	0.0000
accrual_significance	0	0	0.0000	1	0	0.0000
NA	1	0	0.0001	0	0	0.0000
NA	0	0	0.0000	2	0	0.0001
accrual_significance	3	0	0.0007	2	0	0.0001
NA	0	0	0.0000	1	0	0.0000
NA	0	0	0.0000	1	0	0.0000
NA	0	0	0.0000	1	0	0.0000
NA	1	0	0.0001	1	0	0.0000
001	42	0	0.1729	2019	308	0.11380
NA	0	0	0.0000	1	0	0.0000
NA	0	0	0.0000	1	0	0.0000
NA	0	0	0.0000	1	0	0.0000
NA	0	0	0.0000	1	0	0.0000
buhelp	0	0	0.0000	1	0	0.0000
accrual_significance	1	0	0.0010	0	0	0.0000
accrual_significance	1	0	0.0000	2	0	0.0001
NA	0	0	0.0000	1	0	0.0000
buhelp	0	0	0.0000	2	0	0.0001
NA	0	0	0.0000	1	0	0.0000
NA	1	0	0.0010	0	0	0.0000
NA	0	0	0.0000	1	0	0.0000
accrual_significance	5	0	0.0001	15	0	0.0011
buhelp	2	0	0.0016	2	0	0.0004
accrual_significance	0	0	0.0000	1	0	0.0000
NA	1	0	0.0001	0	0	0.0000
NA	0	0	0.0000	1	0	0.0000
NA	0	0	0.0000	1	0	0.0000
NA	0	0	0.0000	0	0	0.0000
NA	1	0	0.0001	0	0	0.0000
NA	2	0	0.0010	0	0	0.0000
accrual_significance	0	0	0.0000	2	0	0.0001
NA	0	0	0.0000	2	0	0.0000
NA	1	0	0.0001	0	0	0.0000
NA	0	0	0.0000	1	0	0.0000
NA	0	0	0.0000	1	0	0.0000
NA	0	0	0.0000	1	0	0.0000
NA	0	0	0.0000	1	0	0.0000
NA	0	0	0.0000	1	0	0.0000
NA	0	0	0.0000	1	0	0.0000
NA	1	0	0.0000	1	0	0.0000
NA	1	0	0.0001	0	0	0.0000
NA	0	0	0.0000	1	0	0.0000
NA	0	0	0.0000	2	0	0.0001