Position 198	Feature	(Incidence per 100 PYRs)	VE(%)(95% CI)		P-value	P-value 0.16	P-value 1	Q-value 0.65
198	S Not S	21 (0.5) vs. 29 (0.7) 98 (2.4) vs. 86 (2.1)	28.4 (-25.6, 59.2) -12.6 (-50.5, 15.7)	←■	0.24 0.42	0.038	0.97	0.48
198	T Not T	95 (2.3) vs. 78 (1.9) 24 (0.6) vs. 37 (0.9)	-20.4 (-62.4, 10.8) 35.9 (-7.2, 61.6)		0.22 0.09	0.038	0.97	0.48
200	A	22 (0.5) vs. 17 (0.4)	-28.1 (-141.3, 31.9)	-	0.44	0.45	1	0.87
200	Not A	97 (2.4) vs. 98 (2.4) 79 (1.9) vs. 91 (2.3)	2.2 (–29.5, 26.1) 14.2 (–16.0, 36.5)		0.88	0.03	0.93	0.43
200	Not T	40 (1) vs. 24 (0.6)	-64.8 (-173.4, 0.6)	←	0.053	0.02	0.83	0.36
	V Not V	13 (0.3) vs. 3 (0.1) 106 (2.6) vs. 112 (2.8)	-328.6 (-Inf, -22.1) 6.4 (-22.0, 28.3)		0.023 0.62			
201	l Not l	90 (2.2) vs. 76 (1.9) 29 (0.7) vs. 39 (1)	-17.1 (-58.9, 13.7) 26.5 (-18.8, 54.6)		0.31 0.21	0.11	1	0.65
201	V	18 (0.4) vs. 27 (0.7)	34.2 (-19.6, 63.7)	-	0.17	0.11	1	0.65
202	Not V	101 (2.5) vs. 88 (2.2)	-13.5 (-51.0, 14.7)		0.39	0.47	1	0.88
202	A Not A	9 (0.2) vs. 6 (0.1) 110 (2.7) vs. 109 (2.7)	-48.3 (-316.6, 47.2) 0.2 (-30.0, 23.4)	——	0.45 0.99	0.73	1	0.95
	K Not K	6 (0.1) vs. 7 (0.2) 113 (2.8) vs. 108 (2.7)	15.1 (-152.7, 71.5) -3.4 (-34.6, 20.6)	←	0.77 0.8			
202	T Not T	101 (2.5) vs. 101 (2.5) 18 (0.4) vs. 14 (0.3)	1.2 (-30.2, 25.0) -27.3 (-156.0, 36.7)		0.93 0.5	0.51	1	0.92
274	S	111 (2.7) vs. 108 (2.7)	-1.6 (-32.4, 22.0)	<u> </u>	0.91	0.84	1	0.96
275	Not S	8 (0.2) vs. 7 (0.2)	-13.1 (-212.0, 59.0)	-	0.81	0.26	1	0.79
275	E Not E	100 (2.5) vs. 90 (2.2) 19 (0.5) vs. 25 (0.6)	-9.8 (-46.0, 17.4) 24.8 (-36.5, 58.6)		0.52 0.35	0.22	1	0.74
	K Not K	14 (0.3) vs. 20 (0.5) 105 (2.6) vs. 95 (2.4)	30.7 (-37.1, 65.0) -9.3 (-44.2, 17.2)	←■	0.29 0.53			
277	l Not l	29 (0.7) vs. 8 (0.2) 90 (2.2) vs. 107 (2.7)	-258.4 (-683.9, +63.8 16.8 (-10.1, 37.2)	_	0.0014 0.2	< 0.001	0.034	0.036*
277	L	85 (2.1) vs. 100 (2.5)	16.0 (-12.2, 37.1)	-	0.24	0.0043	0.26	0.14*
278	Not L	34 (0.8) vs. 15 (0.4)	-124.1 (-311.4, -22.1) ↔	0.0092	0.34	1	0.82
278	S Not S	10 (0.2) vs. 14 (0.3) 109 (2.7) vs. 101 (2.5)	29.4 (-59.0, 68.6) -6.7 (-39.9, 18.6)	←	0.4 0.64	0.4	1	0.85
	T Not T	103 (2.5) vs. 95 (2.4) 16 (0.4) vs. 20 (0.5)	-7.2 (-41.6, 18.9) 20.9 (-52.7, 59.0)	←■ ←■	0.63 0.48			
279	D Not D	71 (1.7) vs. 65 (1.6) 48 (1.2) vs. 50 (1.2)	-7.9 (-51.1, 22.9) 5.1 (-41.1, 36.1)		0.66	0.63	1	0.94
279	Not D	48 (1.2) vs. 50 (1.2) 43 (1.1) vs. 44 (1.1)	5.1 (-41.1, 36.1) 3.4 (-47.1, 36.5)	•	0.8	0.74	1	0.95
281	Not N	76 (1.9) vs. 71 (1.8)	-5.8 (-46.2, 23.4)	←■	0.73	0.92	1	0.96
281	A Not A	67 (1.6) vs. 64 (1.6) 52 (1.3) vs. 51 (1.3)	-3.5 (-45.7, 26.5) -0.8 (-48.4, 31.5)		0.85 0.97	0.97	1	0.98
201	T Not T	23 (0.6) vs. 22 (0.5) 96 (2.4) vs. 93 (2.3)	-3.4 (-85.5, 42.4) -2.0 (-35.7, 23.3)		0.91 0.89	0.07	•	0.00
281	V	22 (0.5) vs. 18 (0.4)	-21.0 (-125.6, 35.1)	<=	0.55	0.57	1	0.93
283	Not V	97 (2.4) vs. 97 (2.4) 16 (0.4) vs. 17 (0.4)	1.2 (-31.0, 25.4) 7.2 (-83.7, 53.1)		0.94	0.77	1	0.95
283	Not I	103 (2.5) vs. 98 (2.4)	-3.9 (-37.1, 21.2)	←	0.78	0.58	1	0.93
005	T Not T	96 (2.4) vs. 96 (2.4) 23 (0.6) vs. 19 (0.5)	1.1 (-31.2, 25.5) -19.5 (-119.3, 34.9)		0.94 0.57	0.70	1	0.05
365	A Not A	12 (0.3) vs. 13 (0.3) 107 (2.6) vs. 102 (2.5)	8.7 (–100.2, 58.3) –3.7 (–36.0, 20.9)	←	0.82 0.79	0.76	1	0.95
365	S	101 (2.5) vs. 92 (2.3)	-8.5 (-44.0, 18.2)	←=	0.57	0.33	1	0.82
371	Not S	18 (0.4) vs. 23 (0.6)	22.7 (-43.3, 58.3)		0.41	0.89	1	0.96
371	Not I	94 (2.3) vs. 90 (2.2) 25 (0.6) vs. 25 (0.6)	-3.3 (-37.9, 22.6) 1.3 (-71.7, 43.3)	—	0.83 0.96	0.89	1	0.96
	V Not V	25 (0.6) vs. 25 (0.6) 94 (2.3) vs. 90 (2.2)	1.3 (-71.7, 43.3) -3.3 (-37.9, 22.6)	←	0.96 0.83			
372	T Not T	104 (2.6) vs. 104 (2.6)	1.1 (-29.7, 24.7)		0.93	0.46	1	0.88
373	M	15 (0.4) vs. 11 (0.3) 8 (0.2) vs. 6 (0.1)	-34.9 (-193.7, 38.0) -31.9 (-280.1, 54.2)	<	0.45	0.63	1	0.94
373	Not M	111 (2.7) vs. 109 (2.7)	-0.7 (-31.1, 22.7)		0.96	0.73	1	0.95
421	T Not T	106 (2.6) vs. 104 (2.6) 13 (0.3) vs. 11 (0.3)	-0.8 (-32.1, 23.1) -16.9 (-160.9, 47.6)	←■	0.96 0.7	0.63	1	0.94
	K Not K	111 (2.7) vs. 109 (2.7) 8 (0.2) vs. 6 (0.1)	-0.7 (-31.2, 22.7) -31.5 (-279.0, 54.4)		0.96 0.61			
421	R Not R	8 (0.2) vs. 6 (0.1)	-31.5 (-279.0, 54.4) -0.7 (-31.2, 22.7)		0.61	0.63	1	0.94
423	F	111 (2.7) vs. 109 (2.7) 21 (0.5) vs. 11 (0.3)	-88.8 (-291.7, 8.9)	—	0.96	0.076	1	0.65
423	Not F	98 (2.4) vs. 104 (2.6)	6.9 (-22.7, 29.3)	-	0.61	0.14	1	0.65
426	Not I	96 (2.4) vs. 101 (2.5) 23 (0.6) vs. 14 (0.3)	6.1 (-24.2, 29.0) -62.7 (-216.1, 16.3)		0.66 0.15	0.41	1	0.85
120	L Not L	7 (0.2) vs. 10 (0.2) 112 (2.7) vs. 105 (2.6)	31.0 (-81.3, 73.7) -5.5 (-37.7, 19.2)	←	0.45 0.69	0.11	•	0.00
426	M	109 (2.7) vs. 104 (2.6)	-3.6 (-35.6, 20.8)		0.8	0.76	1	0.95
429	Not M	10 (0.2) vs. 11 (0.3) 27 (0.7) vs. 44 (1.1)	10.2 (-111.4, 61.9) 39.3 (2.0, 62.4)		0.81	0.01	0.55	0.23
429	Not E	92 (2.3) vs. 71 (1.8)	-28.1 (-74.5, 6.0)	-	0.12	0.82	1	0.96
400	G Not G	50 (1.2) vs. 50 (1.2) 69 (1.7) vs. 65 (1.6)	1.1 (-46.3, 33.2) -4.9 (-47.3, 25.2)		0.95 0.78	0.00	0.00	0.40
429	K Not K	18 (0.4) vs. 7 (0.2) 101 (2.5) vs. 108 (2.7)	-154.0 (-508.2, -6.1) 7.5 (-21.3, 29.5)	←	0.036 0.57	0.03	0.93	0.43
429	R	14 (0.3) vs. 8 (0.2)	-72.8 (-312.0, 27.5)		0.22	0.21	1	0.72
432	Not R K	105 (2.6) vs. 107 (2.7) 5 (0.1) vs. 8 (0.2)	3.0 (-27.0, 25.9) 38.2 (-88.8, 79.8)		0.83	0.36	1	0.82
432	K Not K	5 (0.1) vs. 8 (0.2) 114 (2.8) vs. 107 (2.7)	-5.3 (-37.1, 19.1)	←■	0.4	0.92	1	0.96
	Q Not Q	16 (0.4) vs. 16 (0.4) 103 (2.5) vs. 99 (2.5)	0.9 (-98.1, 50.4) -2.8 (-35.5, 22.0)		0.98 0.84			
432	R Not R	98 (2.4) vs. 90 (2.2) 21 (0.5) vs. 25 (0.6)	-7.6 (-43.3, 19.2) 16.8 (-48.6, 53.4)		0.62 0.53	0.43	1	0.86
434	I	10 (0.2) vs. 4 (0.1)	-147.2 (-688.2, 22.5)		0.13	0.12	1	0.65
434	Not I	109 (2.7) vs. 111 (2.8)	2.9 (-26.4, 25.5)		0.83	0.15	1	0.65
455	M Not M	108 (2.6) vs. 110 (2.7) 11 (0.3) vs. 5 (0.1)	2.9 (-26.6, 25.6) -117.8 (-527.0, 24.3)		0.83 0.15	0.19	1	0.68
	T Not T	85 (2.1) vs. 73 (1.8) 34 (0.8) vs. 42 (1)	-15.2 (-57.4, 15.8) 20.0 (-25.7, 49.1)	-	0.38 0.33		4	
455	V Not V	24 (0.6) vs. 29 (0.7) 95 (2.3) vs. 86 (2.1)	18.2 (-40.5, 52.4) -9.2 (-46.2, 18.4)	←	0.47 0.55	0.36	1	0.82
459	G	112 (2.7) vs. 107 (2.7)	-3.5 (-34.9, 20.6)	←	0.8	0.74	1	0.95
467	Not G	7 (0.2) vs. 8 (0.2)	13.4 (-138.7, 68.6) 5.0 (-40.6, 35.8)		0.78	0.62	1	0.94
467	Not I	49 (1.2) vs. 51 (1.3) 70 (1.7) vs. 64 (1.6)	5.0 (-40.6, 35.8) -8.1 (-51.7, 23.0)	←	0.8	0.71	1	0.95
	T Not T	65 (1.6) vs. 60 (1.5) 54 (1.3) vs. 55 (1.4)	-7.1 (-52.1, 24.6) 2.9 (-41.3, 33.3)	← ■	0.7 0.88			
471	A Not A	15 (0.4) vs. 14 (0.3)	-5.9 (-119.4, 48.9) -1.8 (-33.9, 22.6)		0.88	0.92	1	0.96
471	Not A G	104 (2.6) vs. 101 (2.5) 84 (2.1) vs. 82 (2)	-1.8 (-33.9, 22.6) -1.3 (-37.3, 25.3)		0.9	0.9	1	0.96
474	Not G	35 (0.9) vs. 33 (0.8)	-4.7 (-68.5, 34.9)	←■	0.85	0.43	1	0.86
171	D Not D	60 (1.5) vs. 52 (1.3) 59 (1.4) vs. 63 (1.6)	-14.2 (-65.5, 21.2) 7.5 (-31.9, 35.1)		0.48 0.67	0.54	1	0.00
474	N Not N	57 (1.4) vs. 60 (1.5) 62 (1.5) vs. 55 (1.4)	6.2 (-34.9, 34.7) -11.5 (-60.3, 22.4)	← ■	0.73 0.56	0.51	1	0.92
476	K	57 (1.4) vs. 62 (1.5)	9.2 (-30.1, 36.6)	←	0.6	0.36	1	0.82
	Not K	62 (1.5) vs. 53 (1.3)	-15.7 (-67.0, 19.8)		0.44	0.36	4	0.82