Supplemental Table. INSTI, NRTI, and NNRTI Resistance Mutations Detected in 388 People With RAMs

ID	Index Regimen	Drug Class Resistance	INSTI Mutations	NRTI Mutations	NNRTI Mutations
1	B/F/TAF	INSTI and NRTI	H51Y	M184V/I, K70Q, Y115F	
2	B/F/TAF	INSTI and NRTI	R263K, E157Q	M184V/I, Y115F, D67G, K70T	
3	B/F/TAF	INSTI and NRTI	S230R	M184V/I, K70Q	
4	B/F/TAF	INSTI and NRTI	H51Y	M184V/I, K70E	
5	B/F/TAF	INSTI and NRTI	H51Y	M184V/I, K70E, V75I	
6	B/F/TAF	INSTI and NRTI	Missing	M184V/I, D67N, K70N, K219Q	
7	B/F/TAF	INSTI and NRTI	R263K, S230R	M184V/I, M41L, D67N, K70Q	
8	B/F/TAF	INSTI and NRTI	Missing	M184V/I	
9	B/F/TAF	INSTI and NRTI	Missing	M184V/I, K70E, Y115F, D67G	
10	B/F/TAF	INSTI and NRTI	S230R	M184V/I	
11	B/F/TAF	INSTI and NRTI	S153Y	M184V/I	
12	B/F/TAF	INSTI and NRTI	R263K, E157Q	M184V/I, K70Q	
13	B/F/TAF	INSTI and NRTI	R263K	M184V/I, Y115F, K70Q	
14	B/F/TAF	INSTI and NRTI	E138K/A/T	A62V, V75I	
15	B/F/TAF	INSTI and NRTI	H51Y	M184V/I	
16	B/F/TAF	INSTI and NRTI	S230R	M184V/I, K70R, K219E, D67G, T215I	
17	B/F/TAF	INSTI and NRTI	G118R, E138K/A/T	M184V/I, K65R	
18	B/F/TAF	INSTI and NRTI	S147G	M184V/I, K70Q	
19	B/F/TAF	INSTI and NRTI	R263K, E157Q	M184V/I, K70E, D67N	
20	B/F/TAF	INSTI and NRTI	R263K	M184V/I, K70E, Y115F	

ID	Index Regimen	Drug Class Resistance	INSTI Mutations	NRTI Mutations	NNRTI Mutations
21	B/F/TAF	INSTI and NRTI	E138K/A/T, G140A, S147G, Q148H/R/K	M184V/I, K65R, A62V	
22	B/F/TAF	INSTI and NRTI	R263K, E157Q	Y115F, K70T	
23	B/F/TAF	INSTI and NRTI	Missing	M184V/I, Y115F, K70N	
24	B/F/TAF	INSTI and NRTI	R263K	M184V/I	
25	B/F/TAF	INSTI and NRTI	R263K, E157Q	M184V/I	
26	B/F/TAF	INSTI and NRTI	S230R	M184V/I, K70R	
27	B/F/TAF	INSTI and NRTI	H51Y, S230R	M184V/I, Y115F, K70Q	
28	B/F/TAF	INSTI and NRTI	Missing	M184V/I	
29	B/F/TAF	INSTI and NRTI	H51Y	D67N, T215F	
30	B/F/TAF	INSTI and NRTI	S230R	M184V/I, K70E	
31	B/F/TAF	INSTI and NRTI	R263K	M184V/I	
32	B/F/TAF	INSTI and NRTI	E138K/A/T, G140S, Q148H/R/K	D67N, K219E	
33	B/F/TAF	INSTI and NRTI	R263K, E157Q	M184V/I, K70N	
34	B/F/TAF	INSTI and NRTI	R263K	M184V/I, K70N	
35	B/F/TAF	INSTI and NRTI	E138K/A/T, G140S, N155H, Q148H/R/K	M184V/I, K65R	
36	B/F/TAF	INSTI and NRTI	R263K, E157Q	M184V/I, Y115F, K70G	
37	B/F/TAF	INSTI and NRTI	E138K/A/T, G140S, Q148H/R/K	M184V/I, K65R	
38	B/F/TAF	INSTI and NRTI	G140S, Q148H/R/K	M184V/I, K65R, A62V	
39	B/F/TAF	INSTI only	Missing		
40	B/F/TAF	INSTI only	Missing		
41	B/F/TAF	INSTI only	S230R		

ID	Index Regimen	Drug Class Resistance	INSTI Mutations	NRTI Mutations	NNRTI Mutations
42	B/F/TAF	INSTI only	E138K		
43	B/F/TAF	INSTI only	N155H		
44	B/F/TAF	INSTI only	S230R		
45	B/F/TAF	INSTI only	R263K		
46	B/F/TAF	INSTI only	Missing		
47	B/F/TAF	INSTI only	Missing		
48	B/F/TAF	INSTI only	E92Q		
49	B/F/TAF	INSTI only	Q148H/R/K		
50	B/F/TAF	INSTI only	R263K		
51	B/F/TAF	INSTI only	S153F		
52	B/F/TAF	INSTI only	Missing		
53	B/F/TAF	INSTI only	R263K		
54	B/F/TAF	INSTI only	E92Q		
55	B/F/TAF	INSTI only	G140S, Q148H/R/K		
56	B/F/TAF	INSTI only	R263K		
57	B/F/TAF	INSTI only	S230R		
58	B/F/TAF	INSTI only	Q148H/R/K		
59	B/F/TAF	INSTI only	E138A		
60	B/F/TAF	INSTI only	S153F		
61	B/F/TAF	INSTI only	E138K/A/T, Q148H/R/K		
62	B/F/TAF	INSTI only	H51Y		

ID	Index Regimen	Drug Class Resistance	INSTI Mutations	NRTI Mutations	NNRTI Mutations
63	B/F/TAF	INSTI only	S153F		
64	B/F/TAF	INSTI only	R263K		
65	B/F/TAF	INSTI only	R263K		
66	B/F/TAF	INSTI only	E138K/A/T, Q148H/R/K, R263K		
67	B/F/TAF	INSTI only	S230R		
68	B/F/TAF	INSTI only	Missing		
69	B/F/TAF	INSTI only	Missing		
70	B/F/TAF	INSTI only	R263K		
71	B/F/TAF	INSTI only	R263K, E157Q		
72	B/F/TAF	INSTI only	Missing		
73	B/F/TAF	INSTI only	Missing		
74	B/F/TAF	INSTI only	S147G		
75	B/F/TAF	INSTI only	Missing		
76	B/F/TAF	INSTI only	S153F		
77	B/F/TAF	INSTI only	Missing		
78	B/F/TAF	INSTI only	Missing		
79	B/F/TAF	INSTI only	R263K		
80	B/F/TAF	INSTI only	Missing		
81	B/F/TAF	NRTI only		M184V/I	
82	B/F/TAF	NRTI only		M184V/I	
83	B/F/TAF	NRTI only		M184V/I	

ID	Index Regimen	Drug Class Resistance	INSTI Mutations	NRTI Mutations	NNRTI Mutations
84	B/F/TAF	NRTI only		K70T	
85	B/F/TAF	NRTI only		M184V/I	
86	B/F/TAF	NRTI only		M184V/I, K70E, D67N	
87	B/F/TAF	NRTI only		M184V/I	
88	B/F/TAF	NRTI only		M184V/I, K70Q/N	
89	B/F/TAF	NRTI only		M184V/I	
90	B/F/TAF	NRTI only		K70R, D67G, K219Q	
91	B/F/TAF	NRTI only		D67N, K219Q	
92	B/F/TAF	NRTI only		M184V/I	
93	B/F/TAF	NRTI only		M184V/I	
94	B/F/TAF	NRTI only		M184V/I, M41L, L210W	
95	B/F/TAF	NRTI only		M184V/I	
96	B/F/TAF	NRTI only		M184V/I	
97	B/F/TAF	NRTI only		M184V/I	
98	B/F/TAF	NRTI only		K70R	
99	B/F/TAF	NRTI only		K219E, A62V, V75I	
100	B/F/TAF	NRTI only		M184V/I	
101	B/F/TAF	NRTI only		M184V/I	
102	B/F/TAF	NRTI only		M184V/I	
103	B/F/TAF	NRTI only		M184V/I	
104	B/F/TAF	NRTI only		M184V/I	

ID	Index Regimen	Drug Class Resistance	INSTI Mutations	NRTI Mutations	NNRTI Mutations
105	B/F/TAF	NRTI only		M184V/I, K70T	
106	B/F/TAF	NRTI only		M184V/I	
107	B/F/TAF	NRTI only		K70T	
108	B/F/TAF	NRTI only		M184V/I	
109	B/F/TAF	NRTI only		K65R	
110	B/F/TAF	NRTI only		K70E/R	
111	B/F/TAF	NRTI only		M184V/I	
112	B/F/TAF	NRTI only		M184V/I	
113	B/F/TAF	NRTI only		M184V/I	
114	B/F/TAF	NRTI only		M184V/I	
115	B/F/TAF	NRTI only		M184V/I, K70Q/N, Y2115F	
116	B/F/TAF	NRTI only		M184V/I	
117	B/F/TAF	NRTI only		M184V/I, K70E	
118	B/F/TAF	NRTI only		M41L, L210W	
119	B/F/TAF	NRTI only		M184V/I	
120	B/F/TAF	NRTI only		M41L, L210W	
121	B/F/TAF	NRTI only		D67N, K219R	
122	B/F/TAF	NRTI only		M184V/I, K70Q/N	
123	B/F/TAF	NRTI only		M184V/I	
124	B/F/TAF	NRTI only		M184V/I	
125	B/F/TAF	NRTI only		M184V/I	

ID	Index Regimen	Drug Class Resistance	INSTI Mutations	NRTI Mutations	NNRTI Mutations
126	B/F/TAF	NRTI only		K70T	
127	B/F/TAF	NRTI only		M184V/I	
128	B/F/TAF	NRTI only		M184V/I	
129	B/F/TAF	NRTI only		M184V/I	
130	B/F/TAF	NRTI only		M184V/I	
131	B/F/TAF	NRTI only		M184V/I, K70T	
132	B/F/TAF	NRTI only		M184V/I	
133	B/F/TAF	NRTI only		M184V/I	
134	B/F/TAF	NRTI only		M184V/I	
135	B/F/TAF	NRTI only		M184V/I	
136	B/F/TAF	NRTI only		M184V/I, M41L, L210W, T215Y	
137	B/F/TAF	NRTI only		D67N, K219Q	
138	B/F/TAF	NRTI only		M184V/I	
139	B/F/TAF	NRTI only		K70N	
140	B/F/TAF	NRTI only		M184V/I	
141	B/F/TAF	NRTI only		M184V/I	
142	B/F/TAF	NRTI only		K70E, M41L	
143	B/F/TAF	NRTI only		D67N, K219Q	
144	B/F/TAF	NRTI only		M184V/I, K70Q/N	
145	B/F/TAF	NRTI only		M184V/I, L74I, Y115F	
146	B/F/TAF	NRTI only		M184V/I, K70Q/N	

ID	Index Regimen	Drug Class Resistance	INSTI Mutations	NRTI Mutations	NNRTI Mutations
147	B/F/TAF	NRTI only		M184V/I	
148	B/F/TAF	NRTI only		M184V/I	
149	B/F/TAF	NRTI only		M184V/I	
150	B/F/TAF	NRTI only		M184V/I	
151	B/F/TAF	NRTI only		M41L, K219R	
152	B/F/TAF	NRTI only		M184V/I, K70E	
153	B/F/TAF	NRTI only		M184V/I	
154	B/F/TAF	NRTI only		M184V/I	
155	B/F/TAF	NRTI only		M184V/I	
156	B/F/TAF	NRTI only		K65R	
157	B/F/TAF	NRTI only		M184V/I	
158	B/F/TAF	NRTI only		M184V/I, M41L, T215F	
159	B/F/TAF	NRTI only		M184V/I	
160	B/F/TAF	NRTI only		M184V/I	
161	B/F/TAF	NRTI only		M184V/I	
162	B/F/TAF	NRTI only		M184V/I	
163	B/F/TAF	NRTI only		M184V/I	
164	B/F/TAF	NRTI only		M184V/I	
165	B/F/TAF	NRTI only		M184V/I	
166	B/F/TAF	NRTI only		K70R, D67N, K219Q, T215V	
167	B/F/TAF	NRTI only		M184V/I	

ID	Index Regimen	Drug Class Resistance	INSTI Mutations	NRTI Mutations	NNRTI Mutations
168	B/F/TAF	NRTI only		K70Q, T215I	
169	B/F/TAF	NRTI only		D67N, T215F	
170	B/F/TAF	NRTI only		M184V/I	
171	B/F/TAF	NRTI only		M184V/I	
172	B/F/TAF	NRTI only		M184V/I	
173	B/F/TAF	NRTI only		M184V/I	
174	B/F/TAF	NRTI only		M184V/I, K70T	
175	B/F/TAF	NRTI only		M184V/I	
176	B/F/TAF	NRTI only		K70T	
177	B/F/TAF	NRTI only		M184V/I	
178	B/F/TAF	NRTI only		D67N, K219E	
179	B/F/TAF	NRTI only		M184V/I	
180	B/F/TAF	NRTI only		M184V/I	
181	B/F/TAF	NRTI only		M184V/I	
182	B/F/TAF	NRTI only		M184V/I, K70Q/N, Y115F, D67G	
183	B/F/TAF	NRTI only		D67N, K219Q	
184	B/F/TAF	NRTI only		M184V/I	
185	B/F/TAF	NRTI only		M184V/I	
186	B/F/TAF	NRTI only		M184V/I	
187	B/F/TAF	NRTI only		M184V/I, K70Q/N	
188	B/F/TAF	NRTI only		M184V/I	

ID	Index Regimen	Drug Class Resistance	INSTI Mutations	NRTI Mutations	NNRTI Mutations
189	B/F/TAF	NRTI only		Missing	
190	B/F/TAF	NRTI only		M184V/I	
191	B/F/TAF	NRTI only		K70T, V75I	
192	B/F/TAF	NRTI only		M184V/I	
193	B/F/TAF	NRTI only		M184V/I	
194	B/F/TAF	NRTI only		K65R	
195	B/F/TAF	NRTI only		K70N	
196	B/F/TAF	NRTI only		M184V/I	
197	B/F/TAF	NRTI only		M184V/I, K70T	
198	B/F/TAF	NRTI only		M184V/I	
199	B/F/TAF	NRTI only		M184V/I, K70E/Q, D67N	
200	B/F/TAF	NRTI only		M184V/I	
201	B/F/TAF	NRTI only		M184V/I, K70T	
202	B/F/TAF	NRTI only		K65R, D67N, K70R	
203	B/F/TAF	NRTI only		D67N, K219Q	
204	B/F/TAF	NRTI only		M184V/I	
205	B/F/TAF	NRTI only		M184V/I	
206	B/F/TAF	NRTI only		M184V/I	
207	B/F/TAF	NRTI only		D67N, K219Q, V75I	
208	B/F/TAF	NRTI only		M184V/I	
209	B/F/TAF	NRTI only		D67S, T69G	

ID	Index Regimen	Drug Class Resistance	INSTI Mutations	NRTI Mutations	NNRTI Mutations
210	B/F/TAF	NRTI only		M184V/I	
211	B/F/TAF	NRTI only		M184V/I	
212	B/F/TAF	NRTI only		K70E, T215I	
213	B/F/TAF	NRTI only		K70E	
214	B/F/TAF	NRTI only		M184V/I	
215	B/F/TAF	NRTI only		M184V/I	
216	B/F/TAF	NRTI only		M184V/I	
217	B/F/TAF	NRTI only		M184V/I	
218	B/F/TAF	NRTI only		M184V/I	
219	B/F/TAF	NRTI only		M184V/I	
220	B/F/TAF	NRTI only		M184V/I	
221	B/F/TAF	NRTI only		M184V/I, K70E, Y115F	
222	B/F/TAF	NRTI only		M184V/I, V75I	
223	B/F/TAF	NRTI only		M184V/I	
224	B/F/TAF	NRTI only		M184V/I	
225	B/F/TAF	NRTI only		K70T	
226	B/F/TAF	NRTI only		M184V/I	
227	B/F/TAF	NRTI only		M184V/I	
228	B/F/TAF	NRTI only		M184V/I	
229	B/F/TAF	NRTI only		M184V/I	
230	B/F/TAF	NRTI only		M184V/I	

ID	Index Regimen	Drug Class Resistance	INSTI Mutations	NRTI Mutations	NNRTI Mutations
231	B/F/TAF	NRTI only		M184V/I	
232	B/F/TAF	NRTI only		M184V/I	
233	B/F/TAF	NRTI only		M184V/I	
234	B/F/TAF	NRTI only		M184V/I	
235	B/F/TAF	NRTI only		M41L, L210W	
236	B/F/TAF	NRTI only		M184V/I	
237	B/F/TAF	NRTI only		M41L, D67N, T215Y	
238	B/F/TAF	NRTI only		K70T	
239	B/F/TAF	NRTI only		M184V/I	
240	B/F/TAF	NRTI only		M184V/I, K70E	
241	B/F/TAF	NRTI only		M184V/I	
242	B/F/TAF	NRTI only		K70T	
243	B/F/TAF	NRTI only		K65N	
244	B/F/TAF	NRTI only		M184V/I	
245	B/F/TAF	NRTI only		M184V/I	
246	B/F/TAF	NRTI only		M184V/I	
247	B/F/TAF	NRTI only		Y115F	
248	B/F/TAF	NRTI only		M184V/I	
249	B/F/TAF	NRTI only		M184V/I	
250	B/F/TAF	NRTI only		M184V/I, K70N, Y115F	
251	B/F/TAF	NRTI only		M184V/I	

ID	Index Regimen	Drug Class Resistance	INSTI Mutations	NRTI Mutations	NNRTI Mutations
252	B/F/TAF	NRTI only		M184V/I	
253	B/F/TAF	NRTI only		M184V/I	
254	B/F/TAF	NRTI only		M184V/I	
255	B/F/TAF	NRTI only		M41L, D67S	
256	B/F/TAF	NRTI only		M184V/I	
257	B/F/TAF	NRTI only		M184V/I	
258	B/F/TAF	NRTI only		M41L, L210W	
259	B/F/TAF	NRTI only		M184V/I	
260	B/F/TAF	NRTI only		M184V/I	
261	B/F/TAF	NRTI only		M184V/I	
262	B/F/TAF	NRTI only		M184V/I	
263	B/F/TAF	NRTI only		M184V/I	
264	B/F/TAF	NRTI only		K70E	
265	B/F/TAF	NRTI only		M184V/I	
266	B/F/TAF	NRTI only		K70E	
267	B/F/TAF	NRTI only		M184V/I	
268	B/F/TAF	NRTI only		M184V/I	
269	B/F/TAF	NRTI only		K70T	
270	B/F/TAF	NRTI only		M184V/I	
271	B/F/TAF	NRTI only		M184V/I	
272	B/F/TAF	NRTI only		M184V/I	

ID	Index Regimen	Drug Class Resistance	INSTI Mutations	NRTI Mutations	NNRTI Mutations
273	B/F/TAF	NRTI only		M184V/I, K70E	
274	B/F/TAF	NRTI only		K70E	
275	B/F/TAF	NRTI only		K65R	
276	B/F/TAF	NRTI only		D67N, T215I	
277	B/F/TAF	NRTI only		M184V/I	
278	B/F/TAF	NRTI only		M184V/I	
279	B/F/TAF	NRTI only		M184V/I, K70E, K219R	
280	B/F/TAF	NRTI only		M184V/I	
281	DTG/3TC	INSTI and NRTI	E92Q, E138K/A/T, S147G, N155H	M184V/I	
282	DTG/3TC	INSTI and NRTI	N155H, R263K	M184V/I	
283	DTG/3TC	INSTI and NRTI	E138K/A/T, G140S, N155H, Q148H/R/K	M184V/I	
284	DTG/3TC	INSTI and NRTI	N155H, H51Y, S230R	M184V/I	
285	DTG/3TC	INSTI and NRTI	R263K	M184V/I	
286	DTG/3TC	INSTI and NRTI	H51Y	M184V/I	
287	DTG/3TC	INSTI and NRTI	N155H	M184V/I	
288	DTG/3TC	INSTI and NRTI	R263K	M184V/I	
289	DTG/3TC	INSTI and NRTI	R263K	M184V/I	
290	DTG/3TC	INSTI and NRTI	E138K/A/T, G140S, Q148H/R/K	M184V/I	
291	DTG/3TC	INSTI and NRTI	E92Q, E138K/A/T, S147G, N155H	M184V/I	
292	DTG/3TC	INSTI and NRTI	R263K	M184V/I, K70E	
293	DTG/3TC	INSTI and NRTI	S147G, N155H	M184V/I	

ID	Index Regimen	Drug Class Resistance	INSTI Mutations	NRTI Mutations	NNRTI Mutations
294	DTG/3TC	INSTI and NRTI	N155H, R263K	M184V/I	
295	DTG/3TC	INSTI and NRTI	S147G, N155H	M184V/I	
296	DTG/3TC	INSTI and NRTI	E138K/A/T, G140S, N155H, Q148H/R/K	M184V/I	
297	DTG/3TC	INSTI only	H51Y		
298	DTG/3TC	INSTI only	R263K		
299	DTG/3TC	INSTI only	R263K		
300	DTG/3TC	NRTI only		M184V/I	
301	DTG/3TC	NRTI only		K70T	
302	DTG/3TC	NRTI only		M184V/I	
303	DTG/3TC	NRTI only		M184V/I	
304	DTG/3TC	NRTI only		M184V/I	
305	DTG/3TC	NRTI only		M184V/I	
306	DTG/3TC	NRTI only		M184V/I	
307	DTG/3TC	NRTI only		M184V/I	
308	DTG/3TC	NRTI only		M184V/I	
309	DTG/3TC	NRTI only		M184V/I	
310	DTG/3TC	NRTI only		M184V/I	
311	DTG/3TC	NRTI only		M184V/I	
312	DTG/3TC	NRTI only		M184V/I	
313	DTG/ABC/3TC	INSTI and NRTI	S230R	M184V/I, A62V	
314	DTG/ABC/3TC	INSTI and NRTI	E92Q	M184V/I	

ID	Index Regimen	Drug Class Resistance	INSTI Mutations	NRTI Mutations	NNRTI Mutations
315	DTG/ABC/3TC	INSTI and NRTI	G140S, Q148H/R/K, N155H, S230R	M184V/I	
316	DTG/ABC/3TC	INSTI and NRTI	G140S, Q148H/R/K, N155H	M184V/I	
317	DTG/ABC/3TC	INSTI and NRTI	H51Y	M184V/I	
318	DTG/ABC/3TC	INSTI and NRTI	R263K	M184V/I	
319	DTG/ABC/3TC	INSTI and NRTI	R263K	M184V/I, K70E	
320	DTG/ABC/3TC	INSTI and NRTI	R263K	M184V/I	
321	DTG/ABC/3TC	INSTI and NRTI	R263K	M184V/I	
322	DTG/ABC/3TC	INSTI and NRTI	N155H	M184V/I	
323	DTG/ABC/3TC	INSTI and NRTI	R263K, E157Q	M184V/I, K70E	
324	DTG/ABC/3TC	INSTI only	E92Q		
325	DTG/ABC/3TC	INSTI only	S230R		
326	DTG/ABC/3TC	INSTI only	N155H		
327	DTG/ABC/3TC	NRTI only		M41L, D67N	
328	DTG/ABC/3TC	NRTI only		D67N, K219Q, T215V	
329	DTG/ABC/3TC	NRTI only		M184V/I	
330	DTG/ABC/3TC	NRTI only		M184V/I	
331	DTG/ABC/3TC	NRTI only		M184V/I	
332	DTG/ABC/3TC	NRTI only		M41L, K219N	
333	DTG/ABC/3TC	NRTI only		M184V/I	
334	DTG/ABC/3TC	NRTI only		M184V/I	
335	DTG/ABC/3TC	NRTI only		K70E	

ID	Index Regimen	Drug Class Resistance	INSTI Mutations	NRTI Mutations	NNRTI Mutations
336	DTG/ABC/3TC	NRTI only		M184V/I	
337	DTG/ABC/3TC	NRTI only		L74I	
338	DTG/ABC/3TC	NRTI only		M184V/I	
339	DTG/ABC/3TC	NRTI only		M184V/I	
340	DTG/ABC/3TC	NRTI only		M41L, L210W	
341	DTG/ABC/3TC	NRTI only		M184V/I	
342	DTG/ABC/3TC	NRTI only		M184V/I	
343	DTG/ABC/3TC	NRTI only		K70T	
344	DTG/ABC/3TC	NRTI only		M184V/I	
345	DTG/ABC/3TC	NRTI only		M184V/I	
346	DTG/ABC/3TC	NRTI only		M184V/I	
347	DTG/ABC/3TC	NRTI only		M184V/I	
348	DTG/ABC/3TC	NRTI only		M41L, L210W, T215Y	
349	DTG/ABC/3TC	NRTI only		M184V/I	
350	DTG/ABC/3TC	NRTI only		M184V/I	
351	DTG/ABC/3TC	NRTI only		M184V/I	
352	DTG/ABC/3TC	NRTI only		M184V/I	
353	DTG/ABC/3TC	NRTI only		K70E	
354	DTG/ABC/3TC	NRTI only		M184V/I	
355	DTG/ABC/3TC	NRTI only		M184V/I	
356	DTG/ABC/3TC	NRTI only		M184V/I, T215Y	

ID	Index Regimen	Drug Class Resistance	INSTI Mutations	NRTI Mutations	NNRTI Mutations
357	DTG/ABC/3TC	NRTI only		M184V/I	
358	DTG/ABC/3TC	NRTI only		M184V/I, K219N	
359	DTG MTR	INSTI and NRTI	Q148H/R/K	D67N, K70Q	
360	DTG MTR	NRTI only		Missing	
361	DTG MTR	NRTI only		M184V/I	
362	DTG MTR	NRTI only		M184V/I	
363	DTG MTR	NRTI only		M184V/I	
364	DTG MTR	NRTI only		M184V/I	
365	DTG MTR	NRTI only		M184V/I, K70Q/N	
366	DTG MTR	NRTI only		M184V/I, K70Q/N	
367	DTG MTR	NRTI only		M184V/I	
368	DTG MTR	NRTI only		Missing	
369	DTG MTR	NRTI only		D67G, K219E, T215I, T69G	
370	DTG MTR	NRTI only		K70T	
371	DTG MTR	NRTI only		D67N, K219Q	
372	DTG MTR	NRTI only		M41L, A62V, V75I	
373	DTG MTR	NRTI only		M184V/I, K70E	
374	DTG MTR	NRTI only		M184V/I	
375	DTG MTR	NRTI only		K70R, D67N, K219Q	
376	DTG MTR	NRTI only		M184V/I, V75I	
377	DTG MTR	NRTI only		M184V/I	

ID	Index Regimen	Drug Class Resistance	INSTI Mutations	NRTI Mutations	NNRTI Mutations
378	CAB + RPV	INSTI and NNRTI	G140S, Q148H/R/K		K101E
379	CAB + RPV	INSTI and NNRTI	E138K/A/T, Q148H/R/K		M230L
380	CAB + RPV	INSTI and NNRTI	N155H, S147G		K101E, V90I
381	CAB + RPV	INSTI and NNRTI	G140C, L74M, Q148H/R/K		E138K, V108I
382	CAB + RPV	INSTI and NNRTI	G118R		E138K
383	CAB + RPV	INSTI and NNRTI	E92Q		G190A
384	CAB + RPV	INSTI and NNRTI	E138K/A/T, G140C, L74M, Q148H/R/K, N155H		K101E, Y188L
385	CAB + RPV	INSTI and NNRTI	Missing		E138K, H221Y, K101E, V90I
386	CAB + RPV	INSTI only	Missing		
387	CAB + RPV	NNRTI only			K101E, Y181I
388	CAB + RPV	NNRTI only			E138K, K101E, Y181C

B/F/TAF, bictegravir/emtricitabine/tenofovir alafenamide; CAB + RPV, cabotegravir plus rilpivirine; DTG/3TC, dolutegravir/lamivudine; DTG/ABC/3TC, dolutegravir/abacavir/lamivudine; DTG MTR, dolutegravir multi-tablet regimen; INSTI, integrase strand-transfer inhibitor; NRTI, nucleoside/nucleotide reverse transcriptase inhibitor; NNRTI, non-nucleoside reverse transcriptase inhibitor; RAM, resistance-associated mutation.