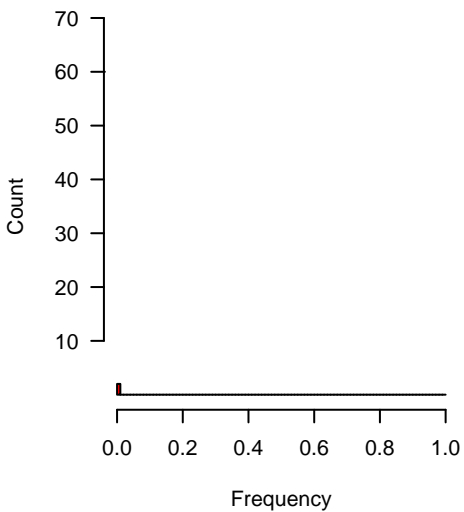
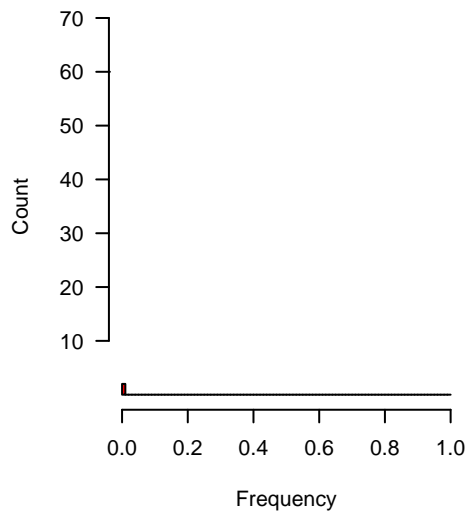


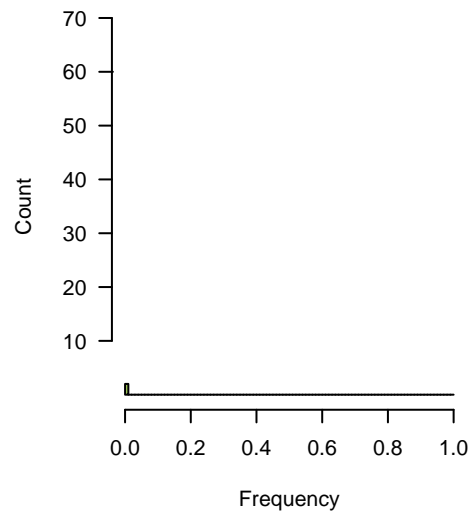
**RT site 148
AA 50**



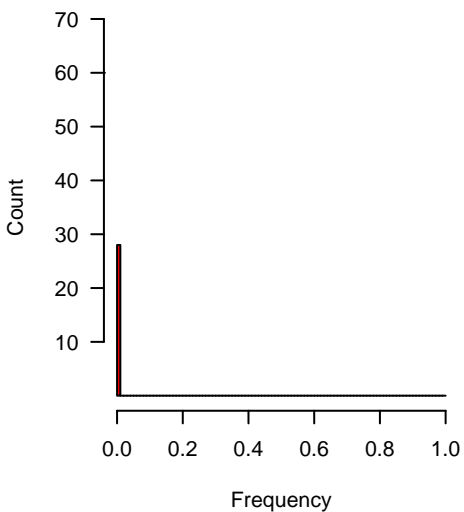
**RT site 149
AA 50**



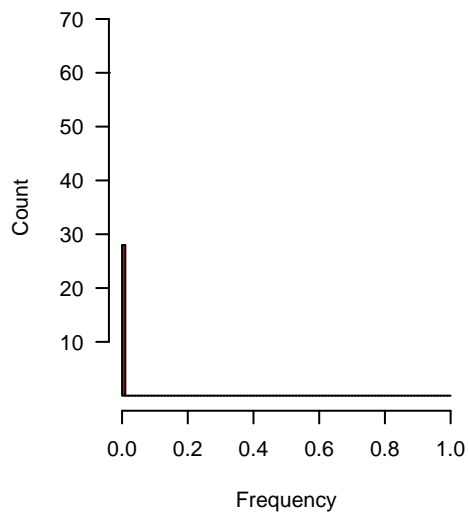
**RT site 150
AA 50**



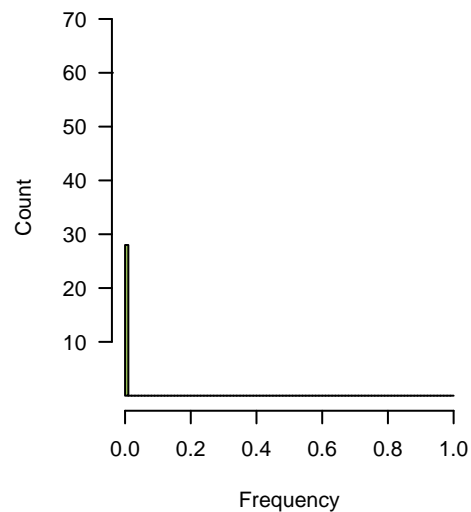
**RT site 151
AA 51**



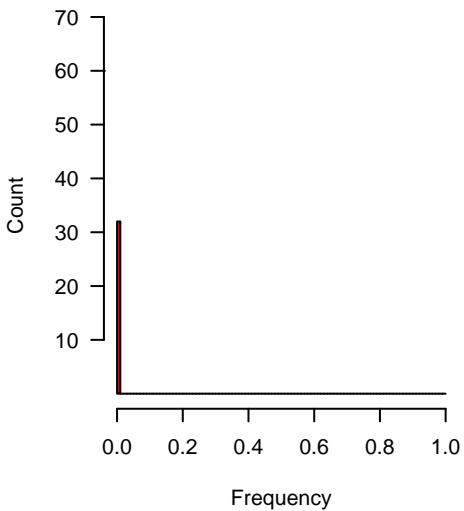
**RT site 152
AA 51**



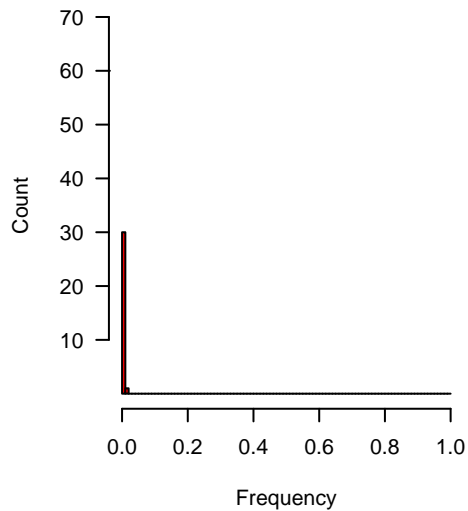
**RT site 153
AA 51**



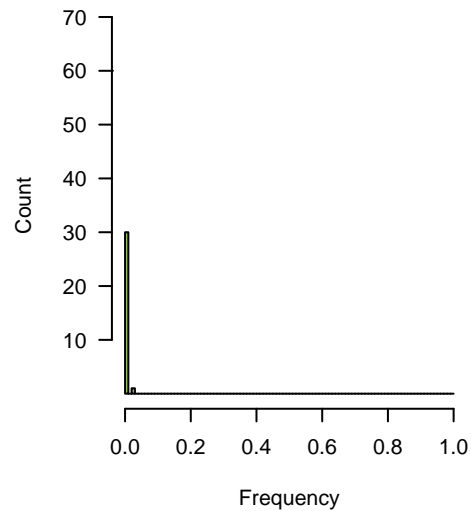
**RT site 154
AA 52**



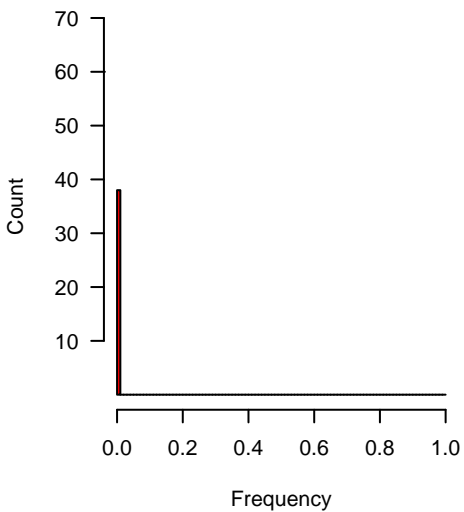
**RT site 155
AA 52**



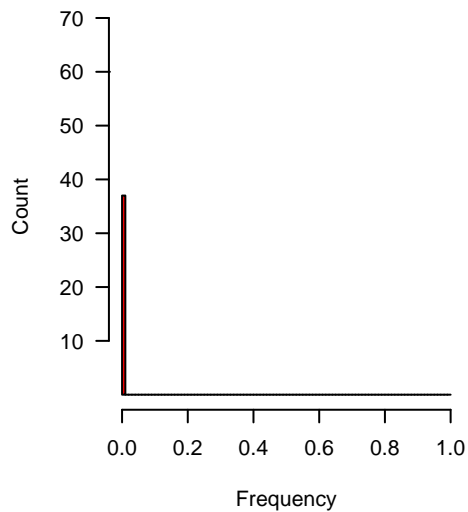
**RT site 156
AA 52**



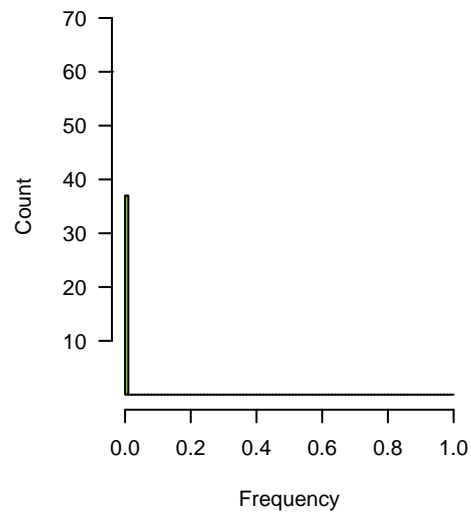
**RT site 157
AA 53**



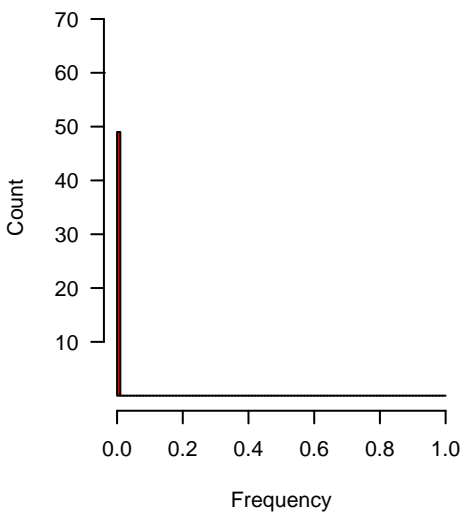
**RT site 158
AA 53**



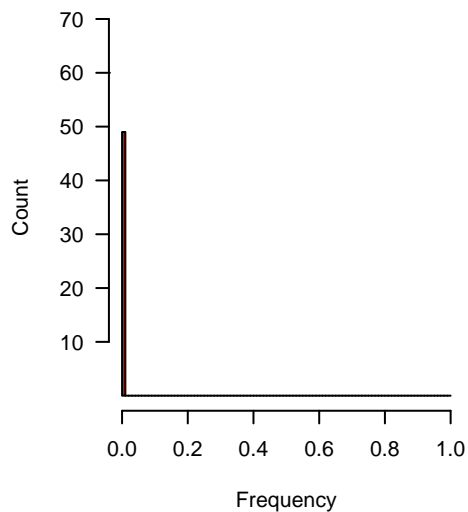
**RT site 159
AA 53**



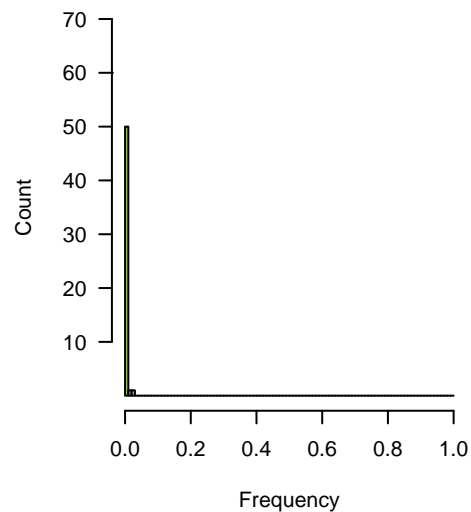
**RT site 160
AA 54**



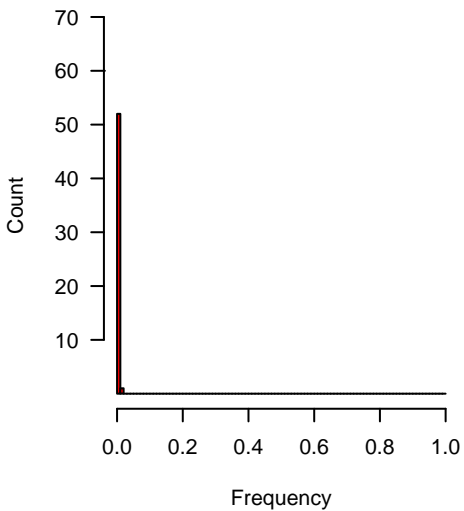
**RT site 161
AA 54**



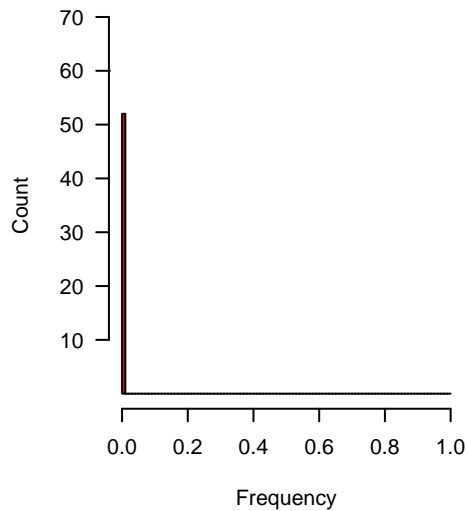
**RT site 162
AA 54**



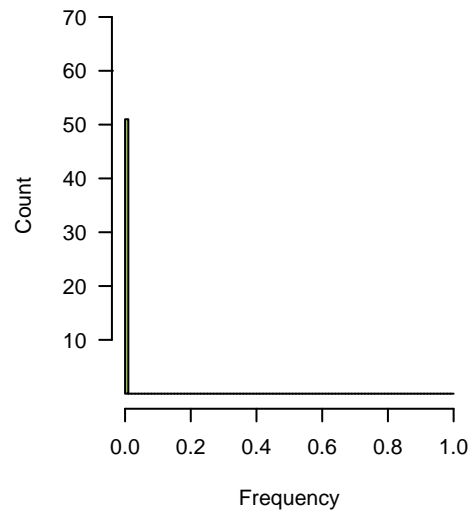
**RT site 163
AA 55**



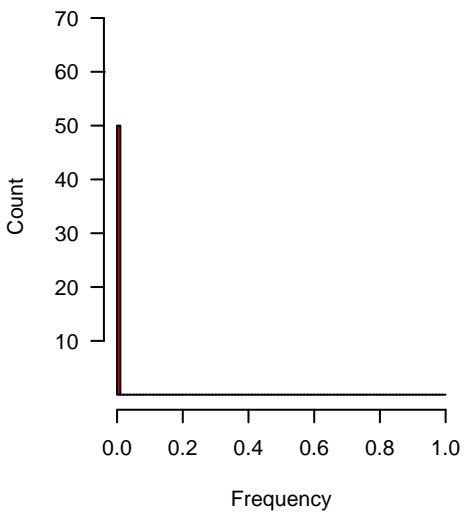
**RT site 164
AA 55**



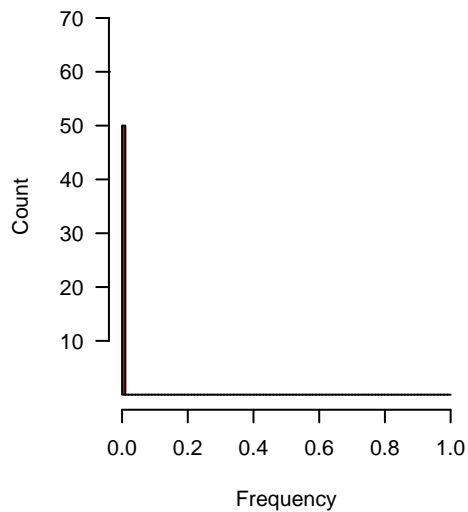
**RT site 165
AA 55**



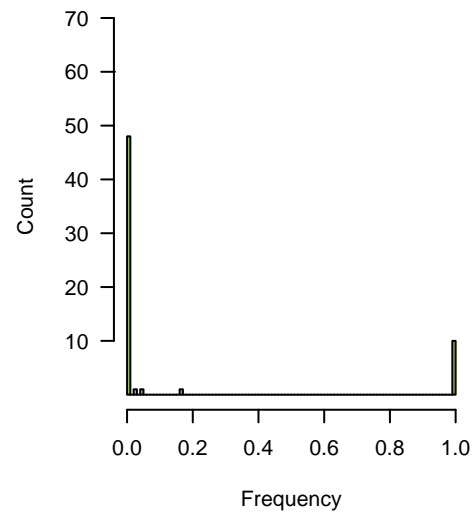
**RT site 166
AA 56**



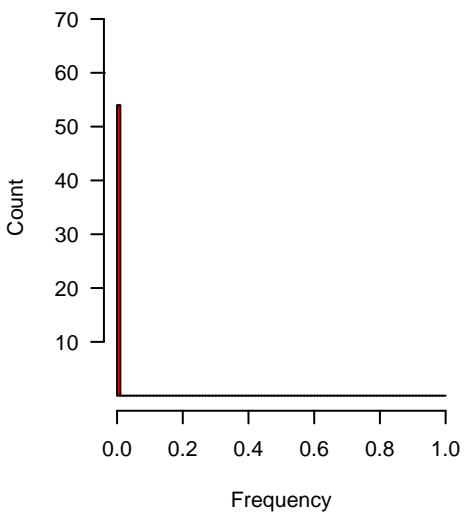
**RT site 167
AA 56**



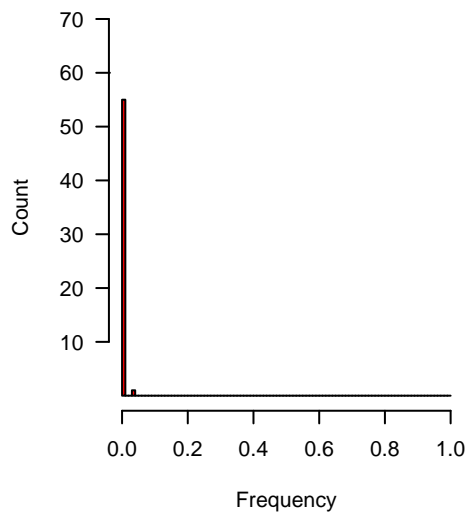
**RT site 168
AA 56**



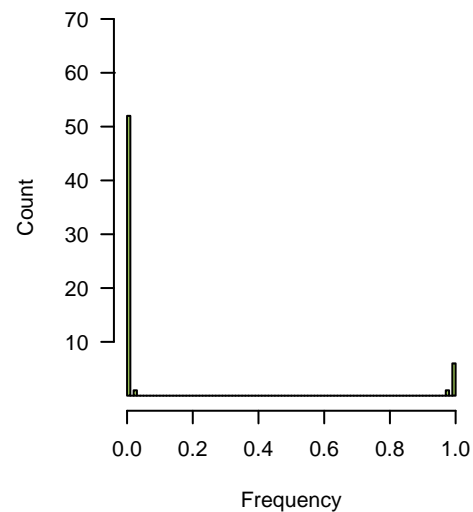
**RT site 169
AA 57**



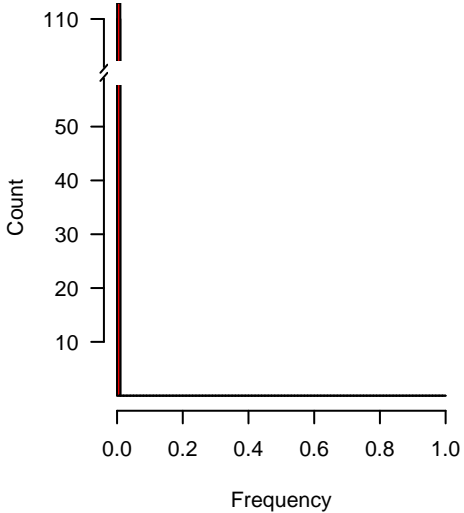
**RT site 170
AA 57**



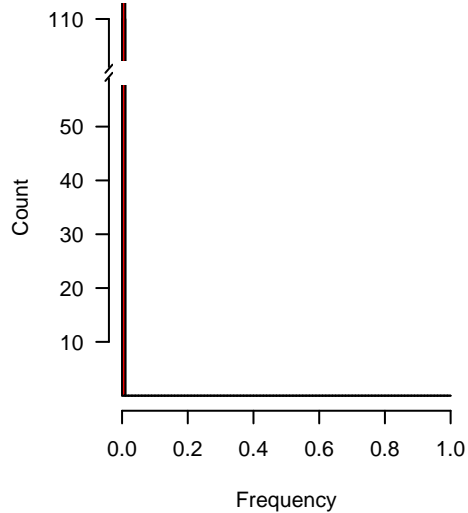
**RT site 171
AA 57**



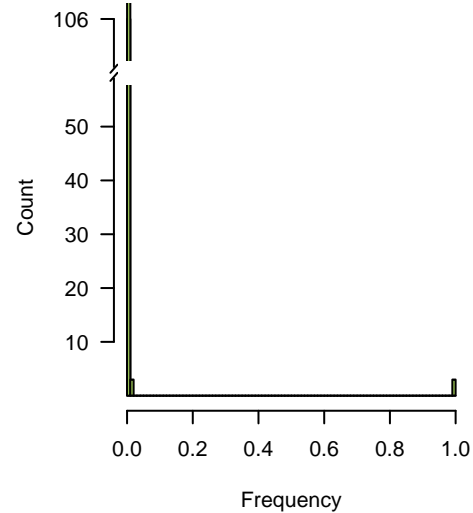
**RT site 172
AA 58**



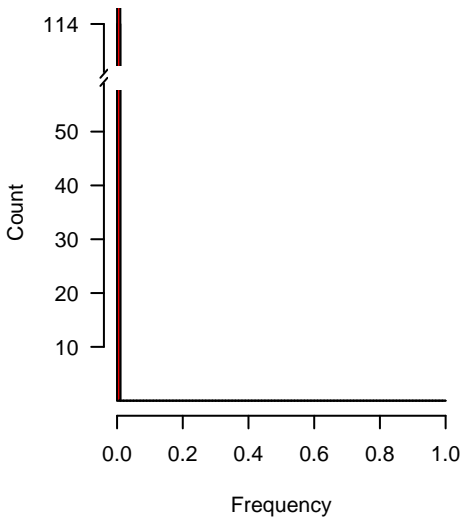
**RT site 173
AA 58**



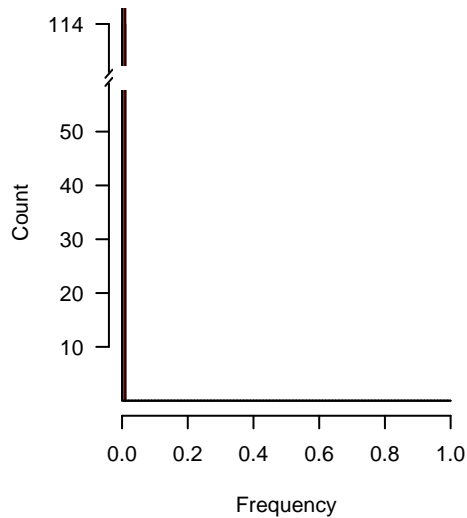
**RT site 174
AA 58**



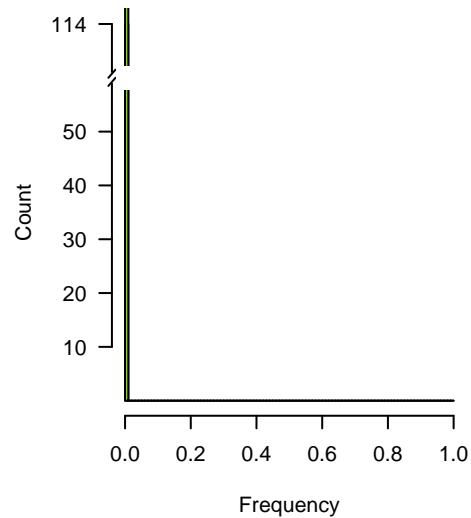
**RT site 175
AA 59**



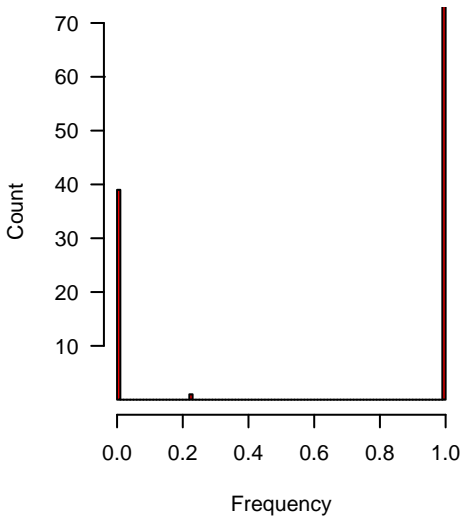
**RT site 176
AA 59**



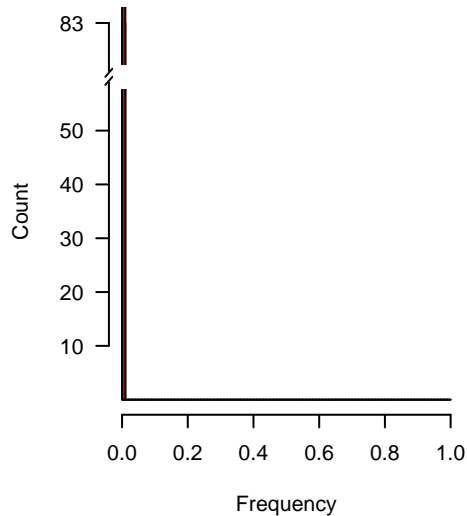
**RT site 177
AA 59**



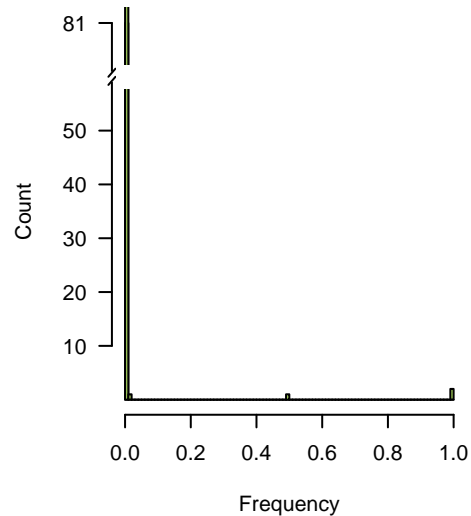
**RT site 178
AA 60**



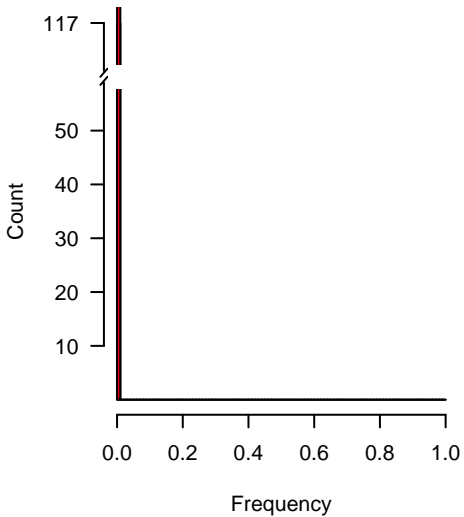
**RT site 179
AA 60**



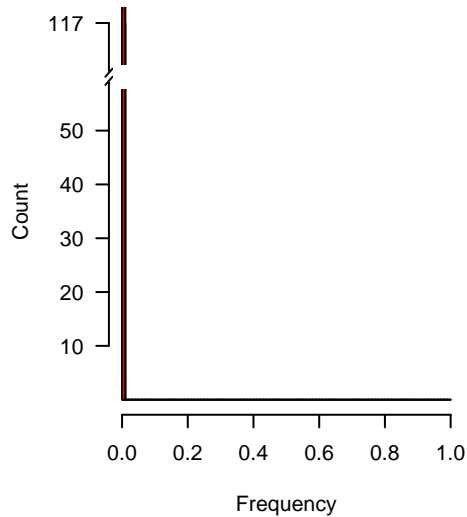
**RT site 180
AA 60**



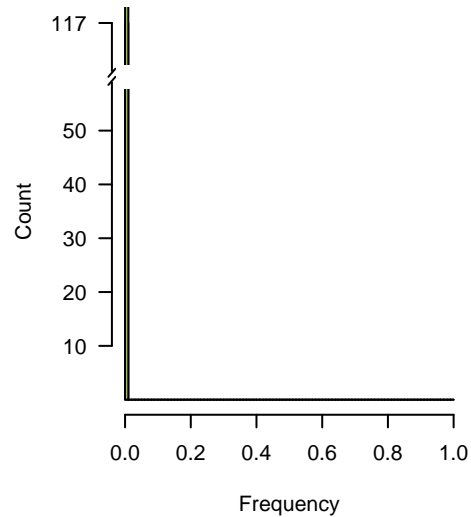
**RT site 181
AA 61**

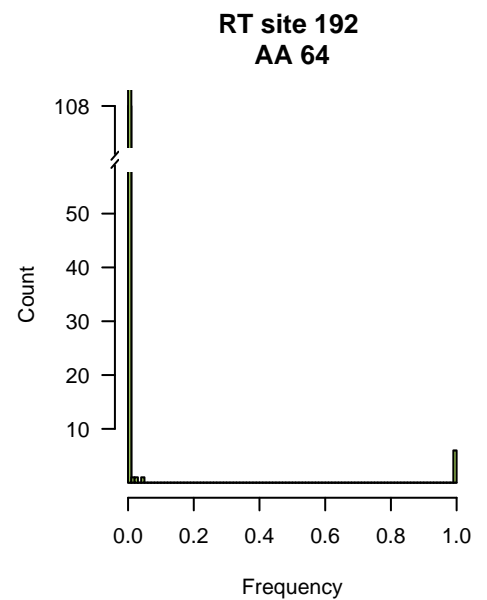
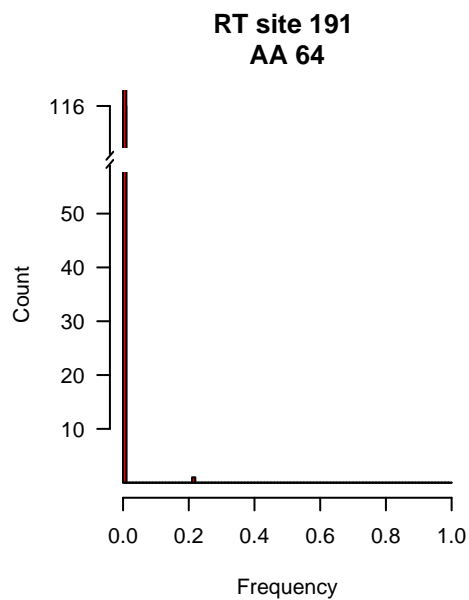
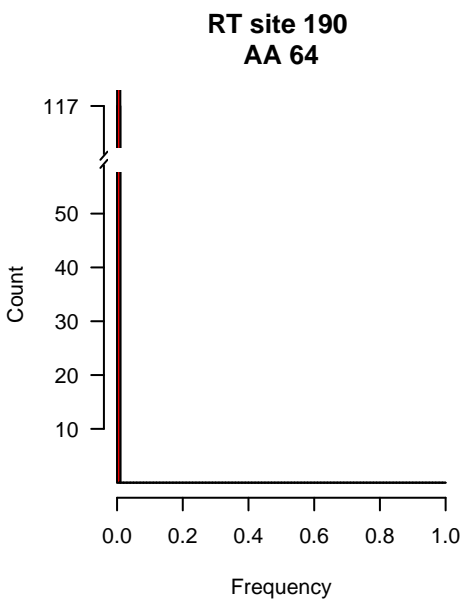
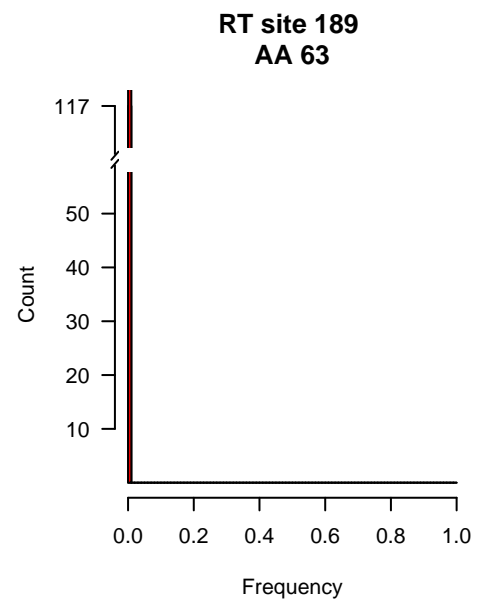
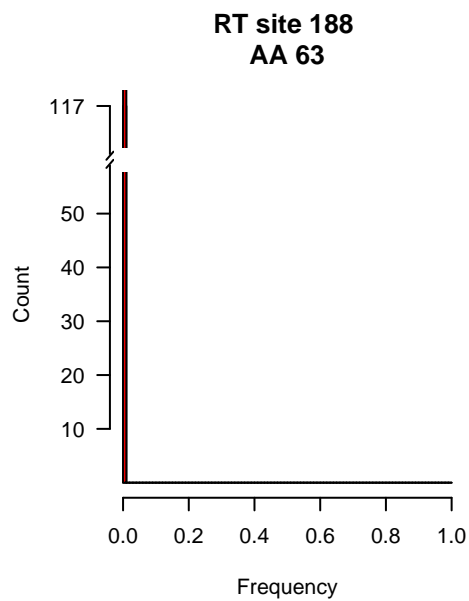
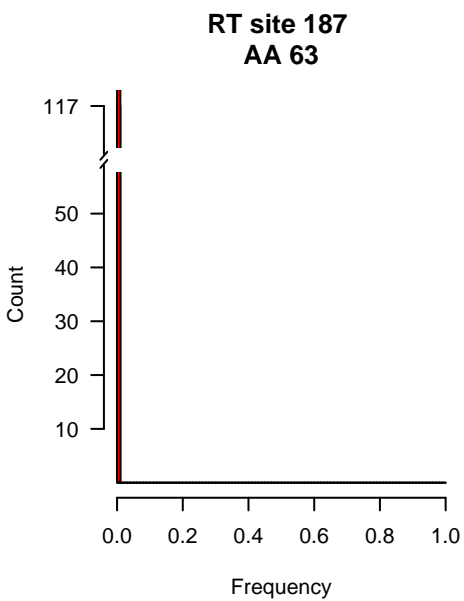
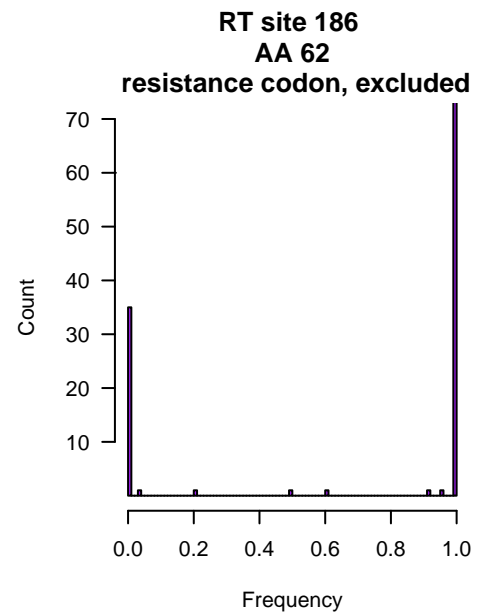
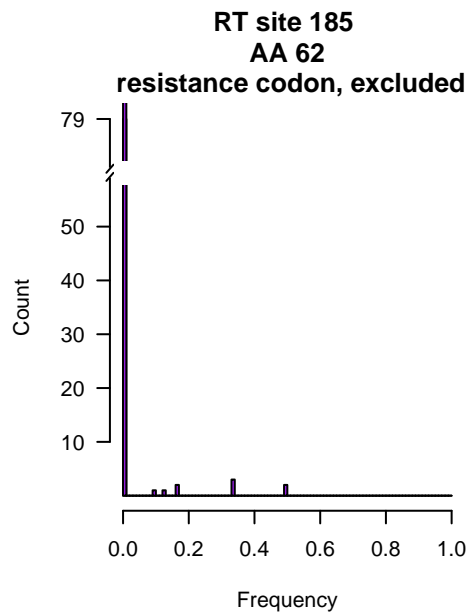
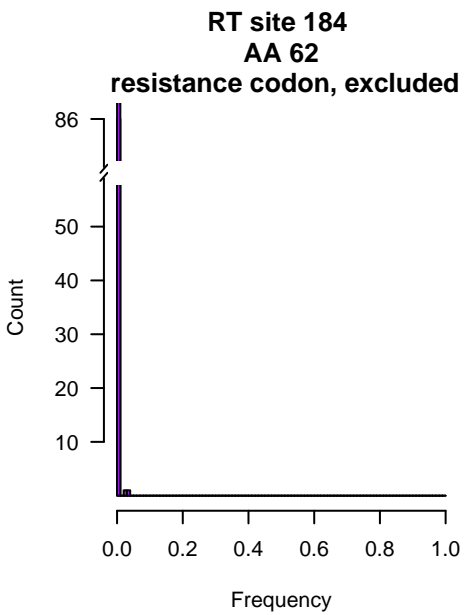


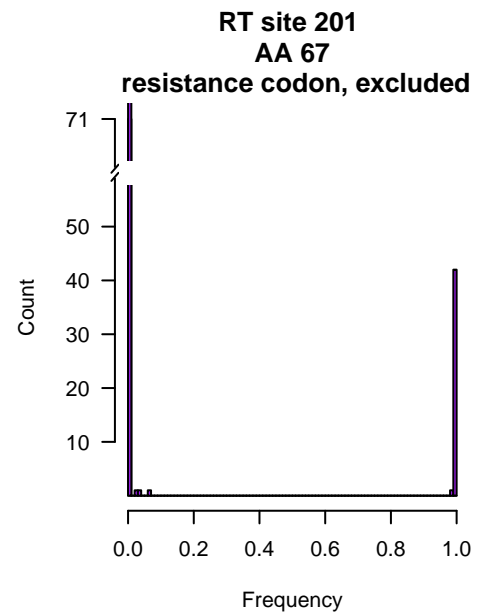
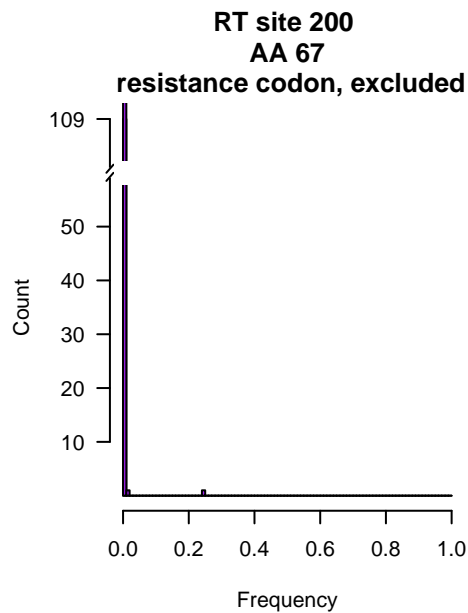
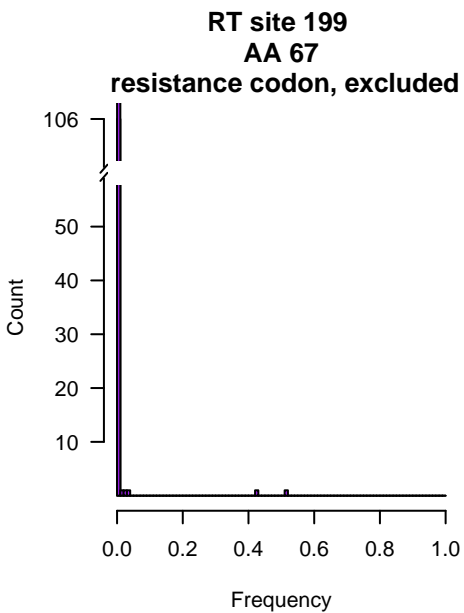
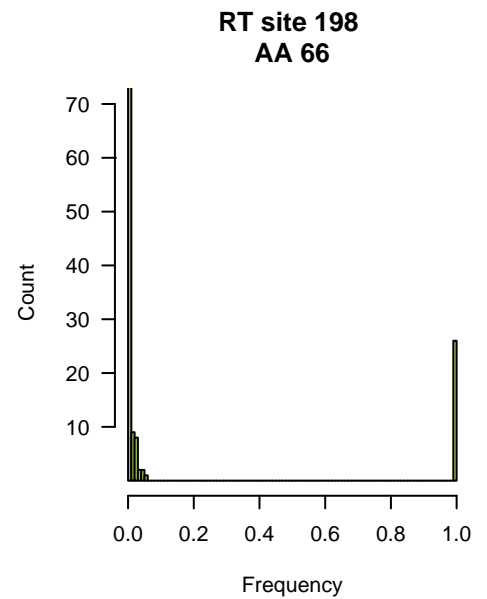
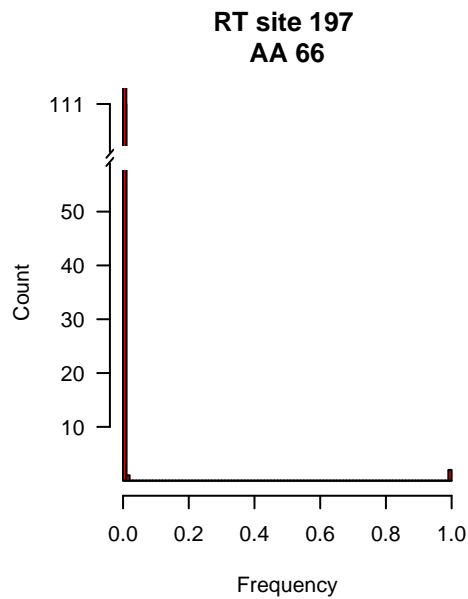
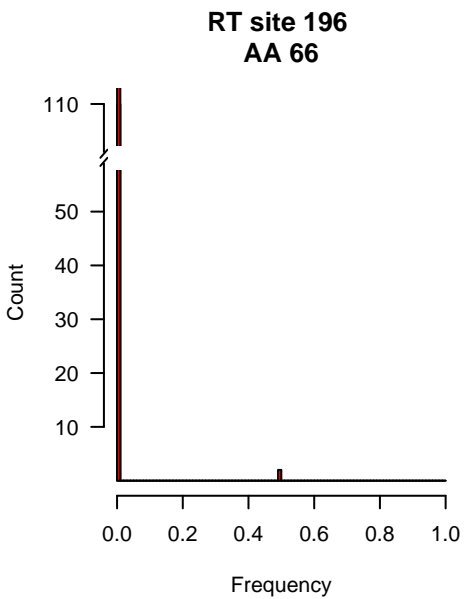
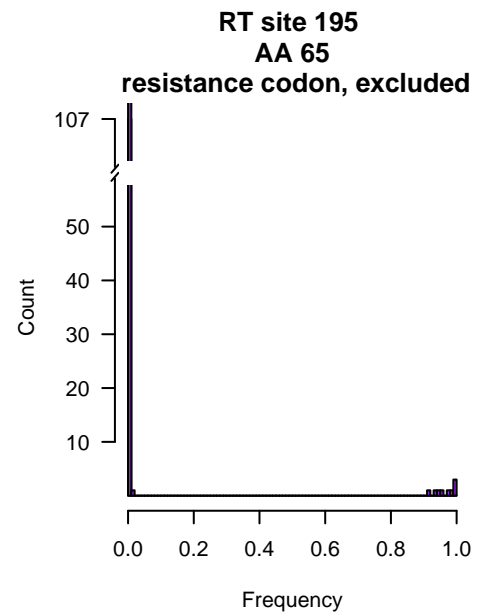
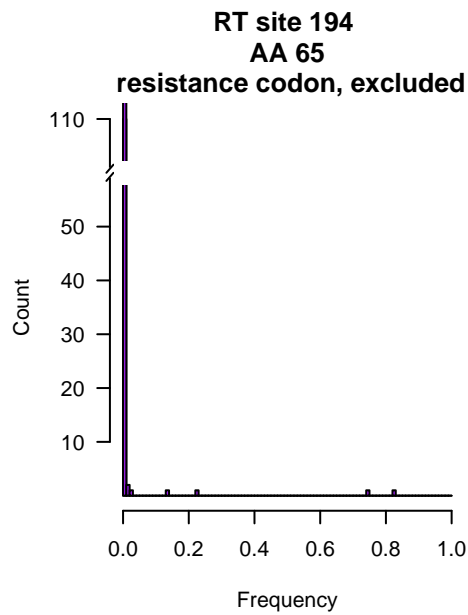
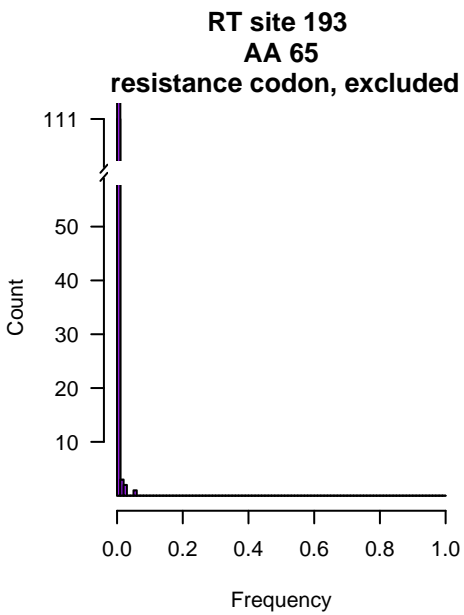
**RT site 182
AA 61**



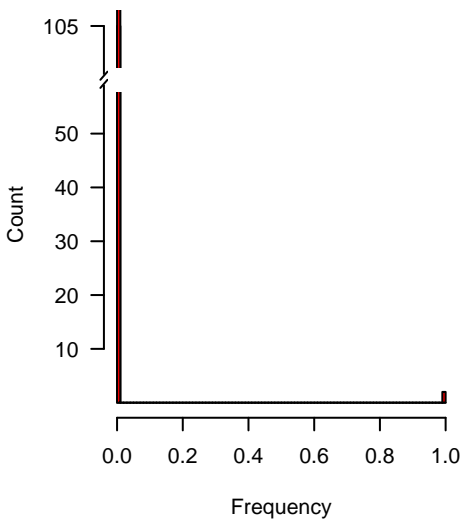
**RT site 183
AA 61**



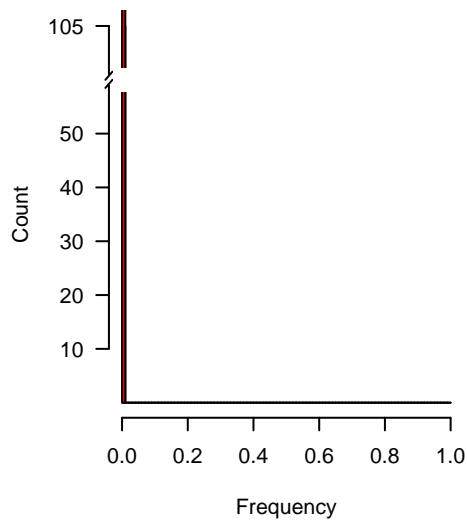




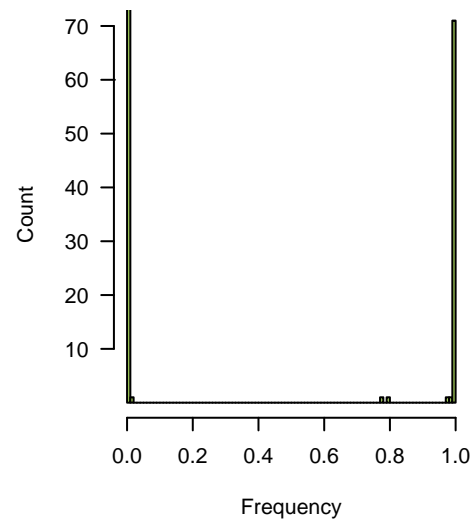
**RT site 202
AA 68**



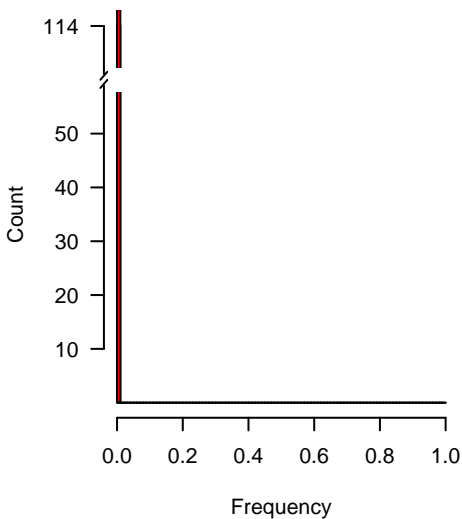
**RT site 203
AA 68**



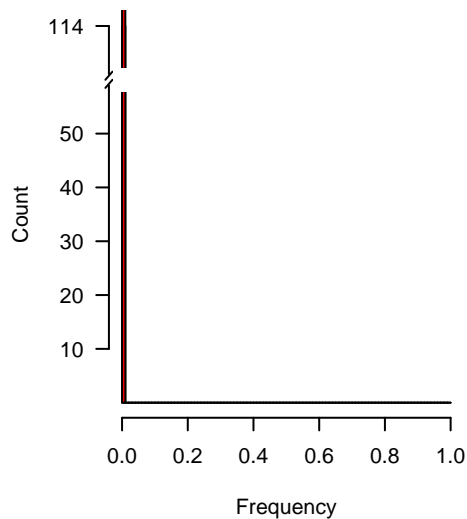
**RT site 204
AA 68**



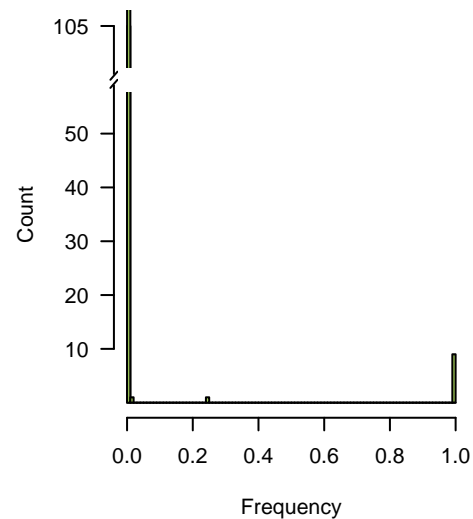
**RT site 205
AA 69**



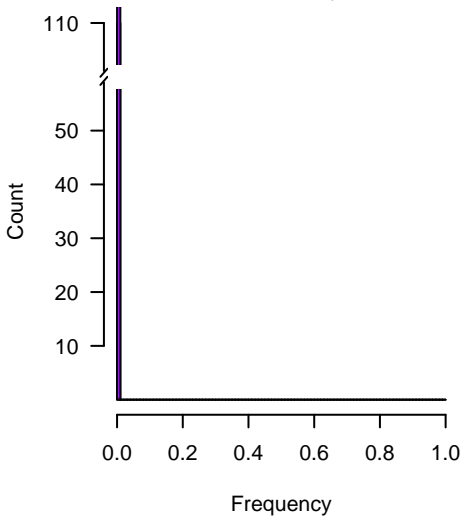
**RT site 206
AA 69**



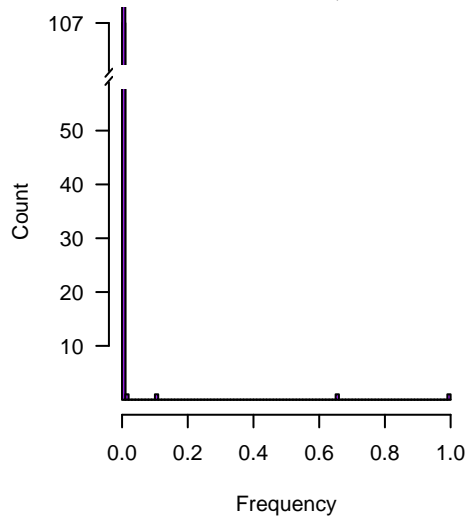
**RT site 207
AA 69**



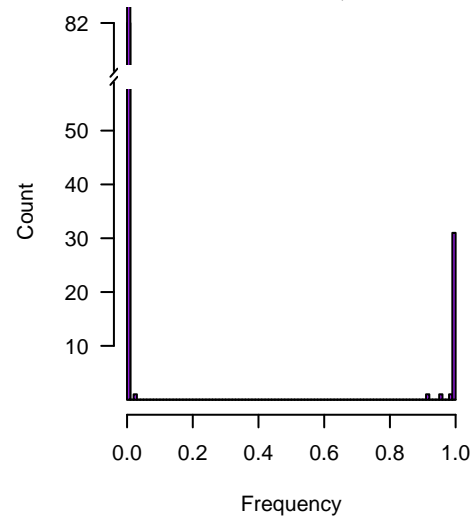
**RT site 208
AA 70
resistance codon, excluded**



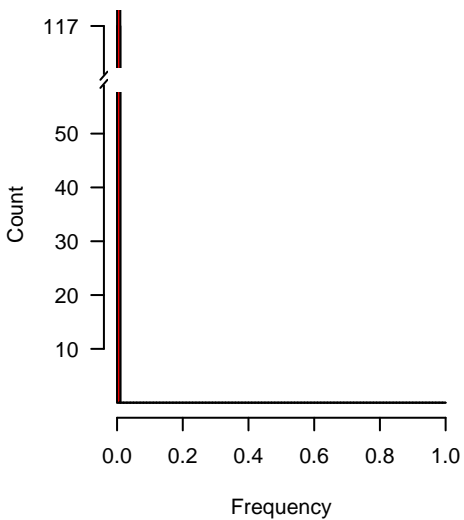
**RT site 209
AA 70
resistance codon, excluded**



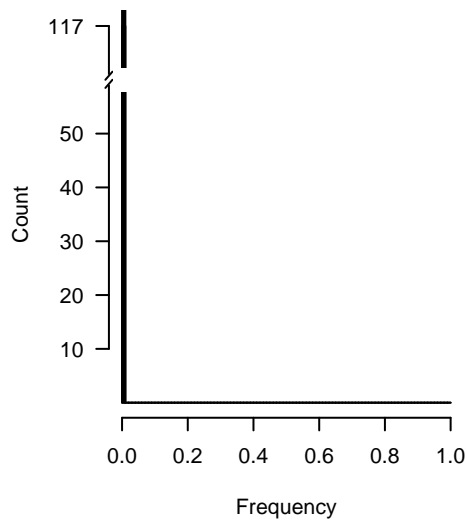
**RT site 210
AA 70
resistance codon, excluded**



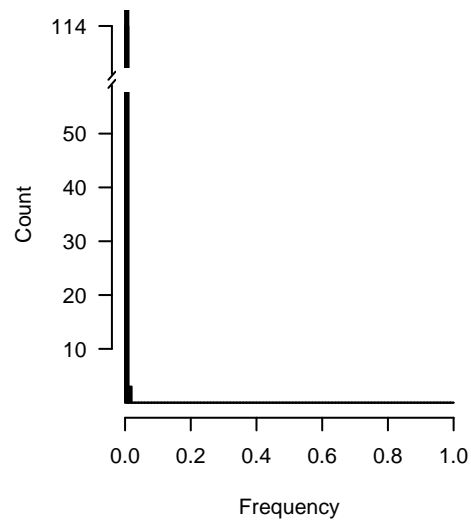
**RT site 211
AA 71**



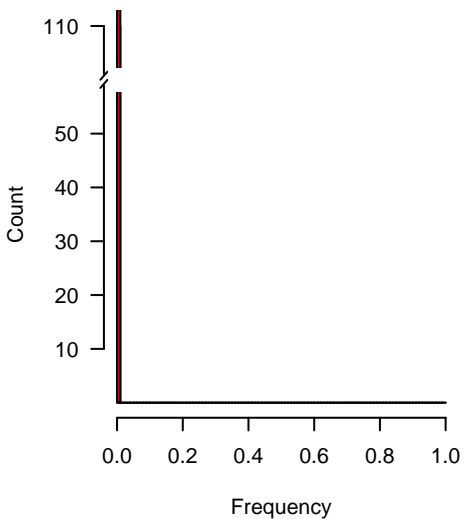
**RT site 212
AA 71**



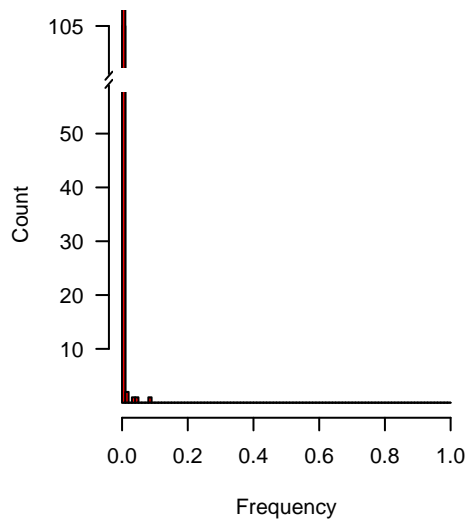
**RT site 213
AA 71**



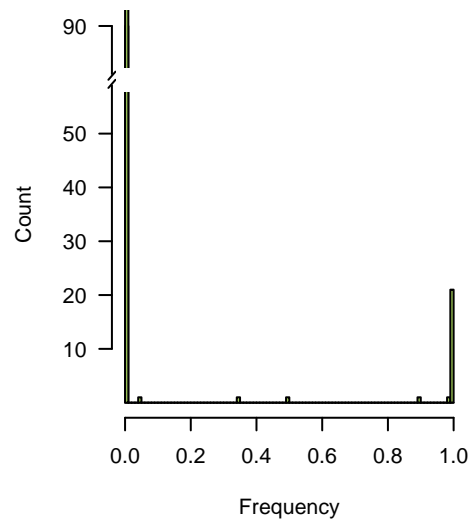
**RT site 214
AA 72**



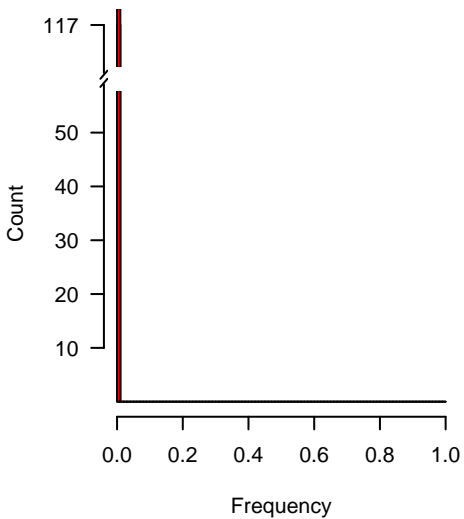
**RT site 215
AA 72**



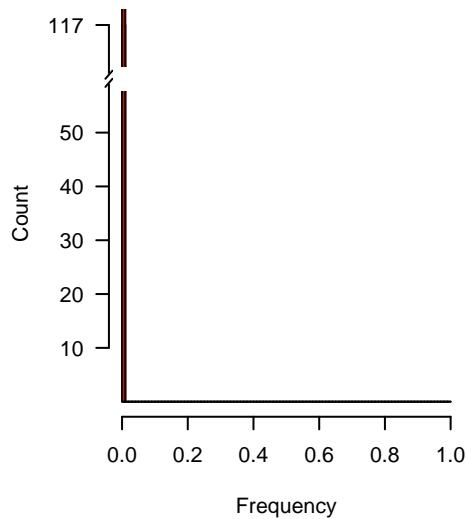
**RT site 216
AA 72**



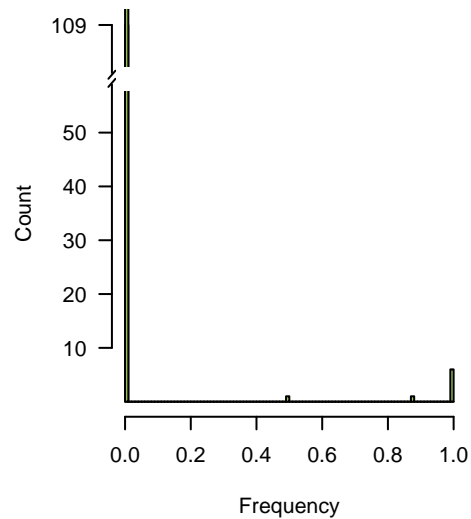
**RT site 217
AA 73**



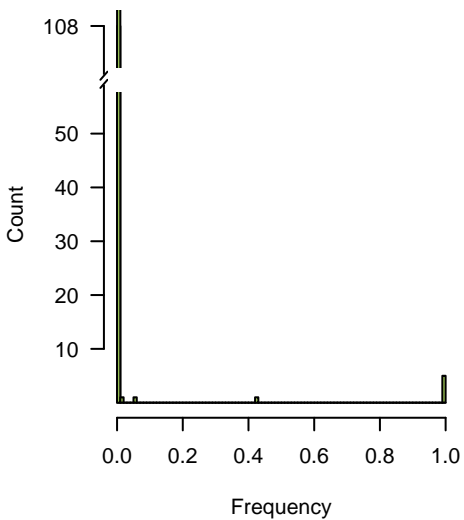
**RT site 218
AA 73**



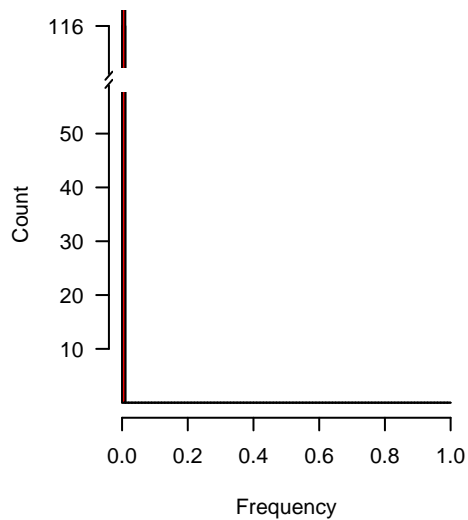
**RT site 219
AA 73**



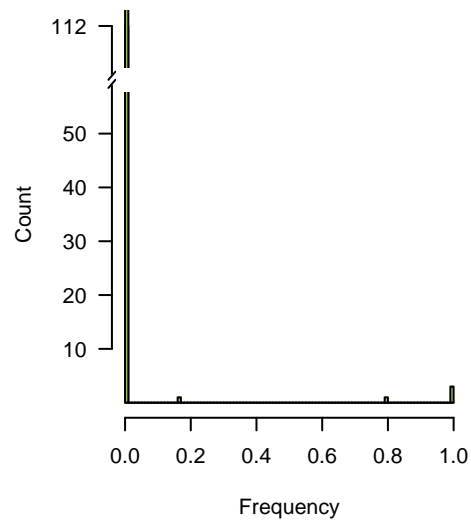
**RT site 220
AA 74**



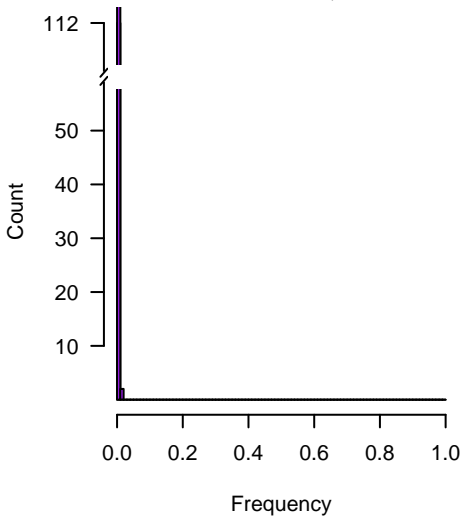
**RT site 221
AA 74**



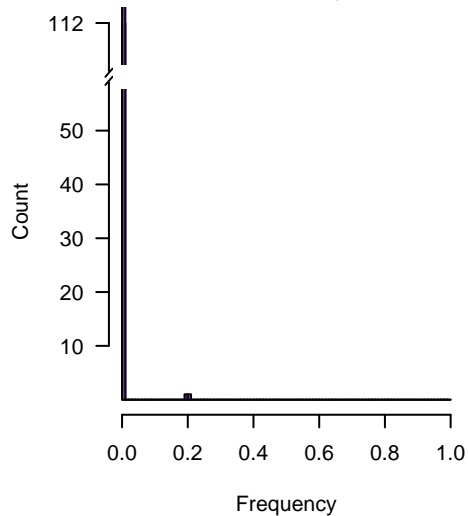
**RT site 222
AA 74**



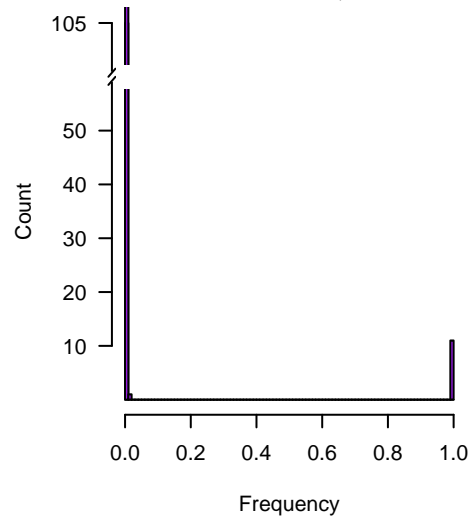
**RT site 223
AA 75
resistance codon, excluded**



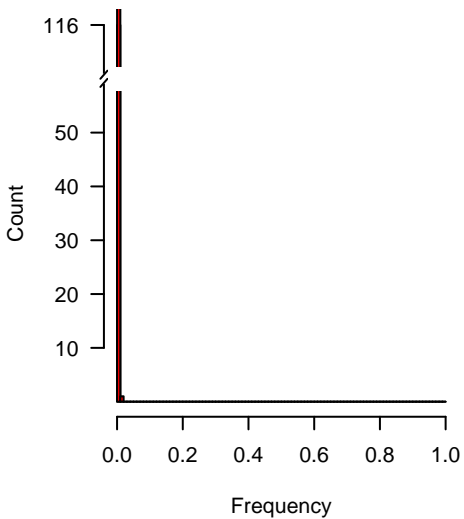
**RT site 224
AA 75
resistance codon, excluded**



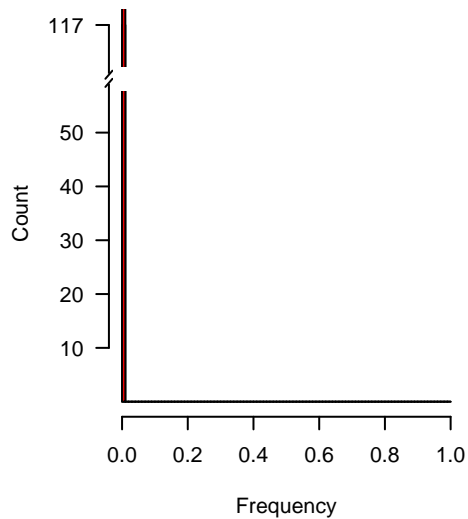
**RT site 225
AA 75
resistance codon, excluded**



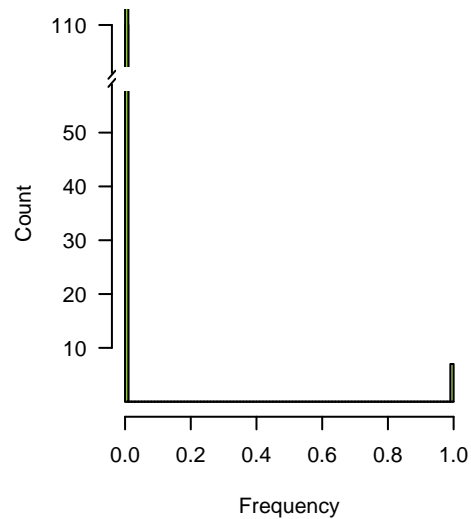
**RT site 226
AA 76**

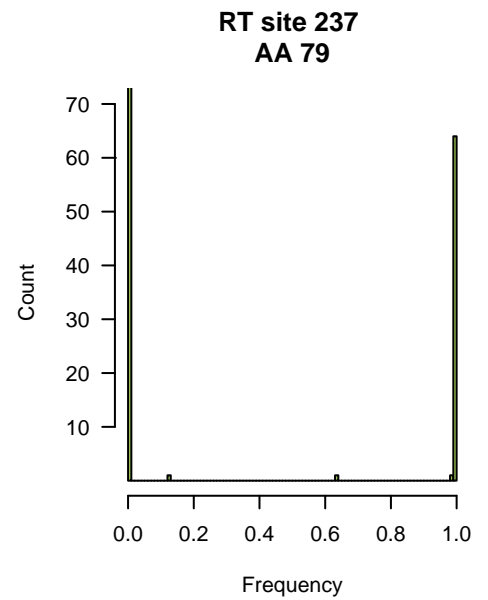
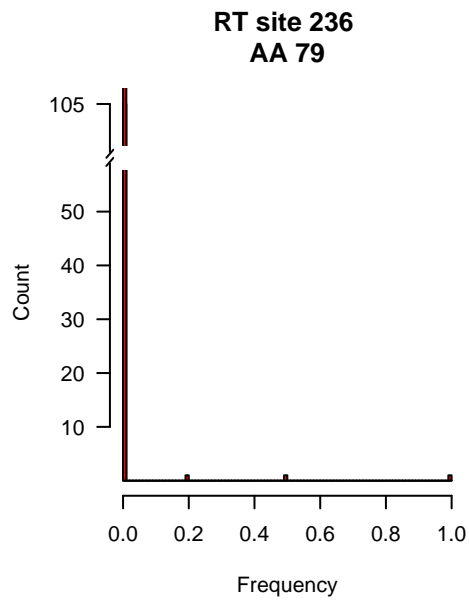
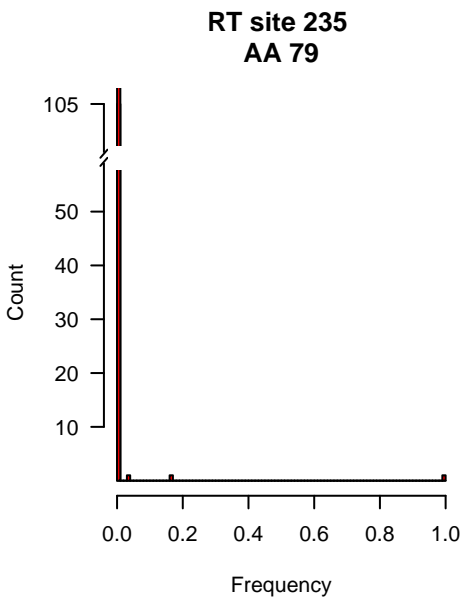
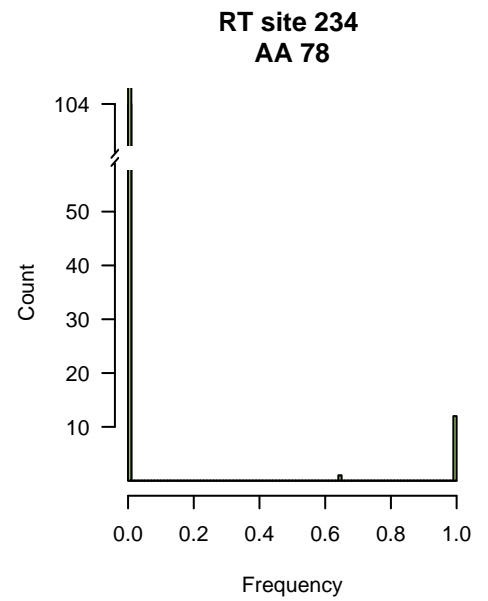
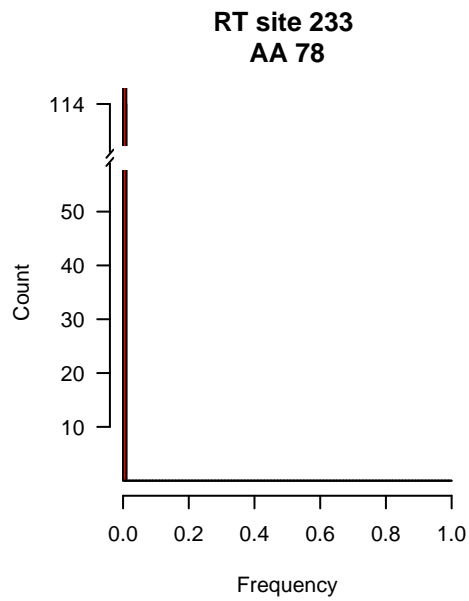
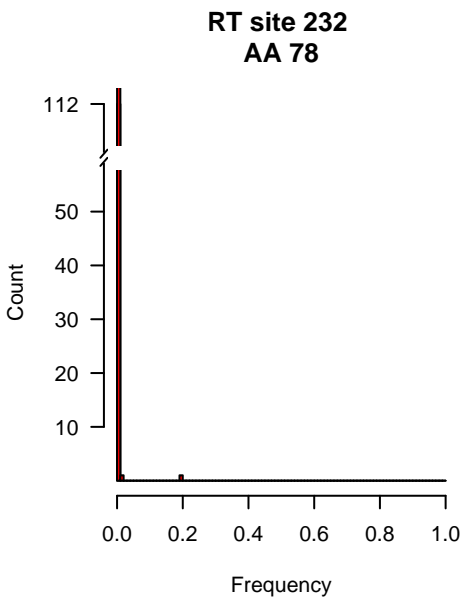
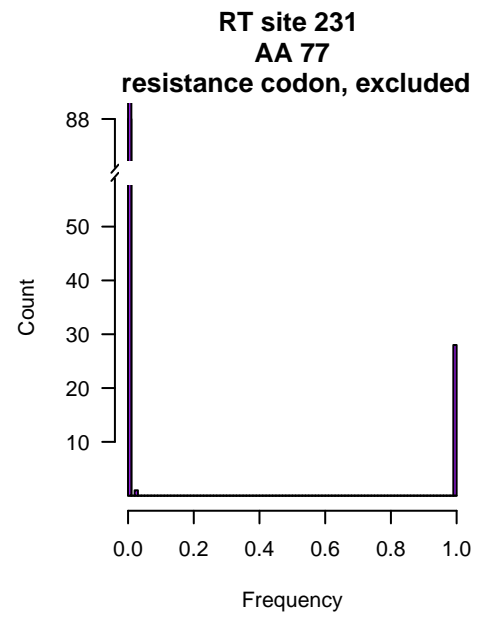
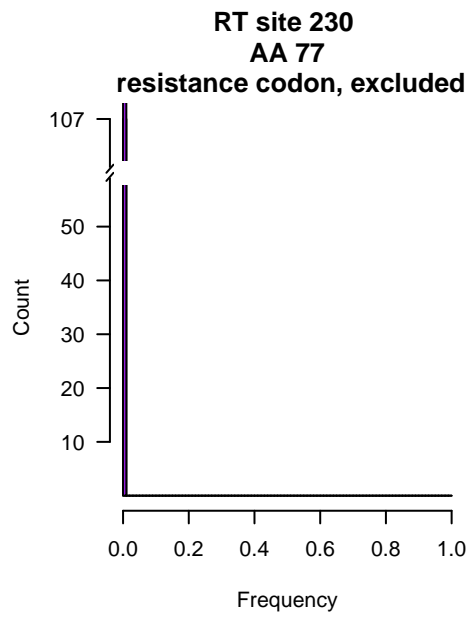
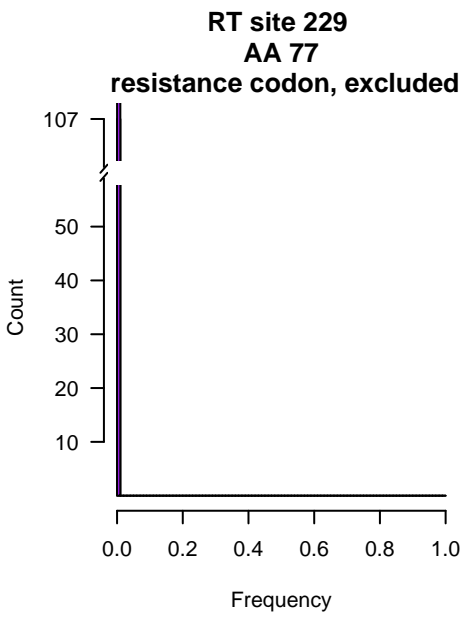


**RT site 227
AA 76**

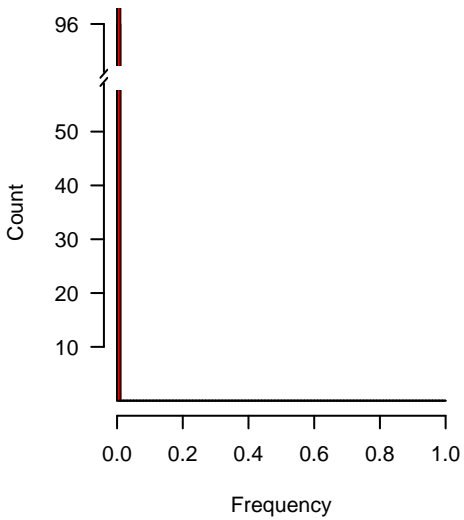


**RT site 228
AA 76**

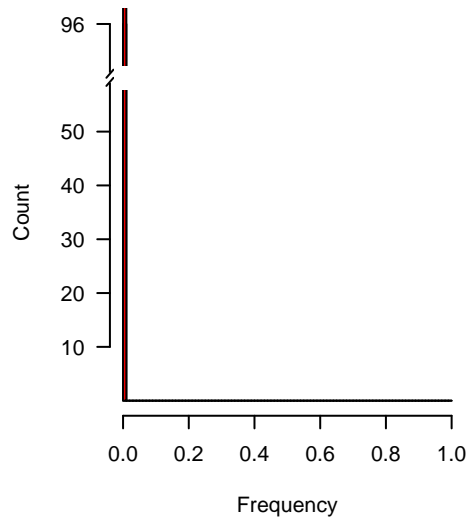




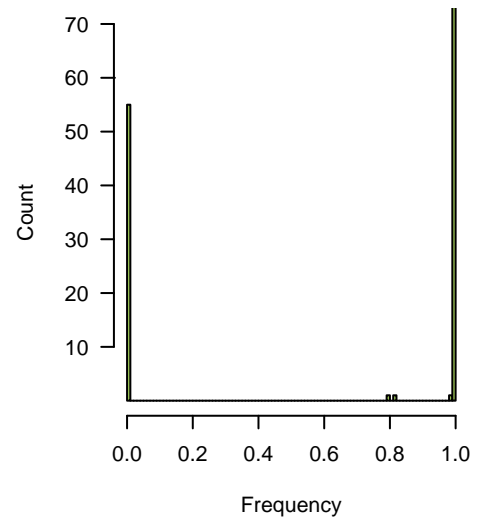
**RT site 238
AA 80**



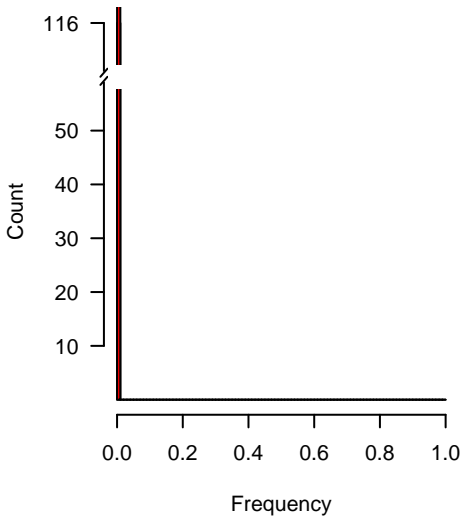
**RT site 239
AA 80**



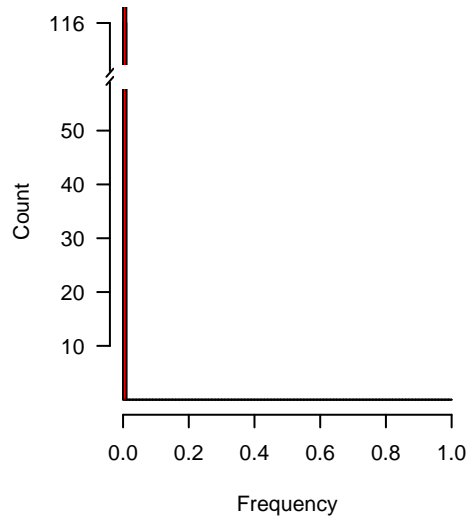
**RT site 240
AA 80**



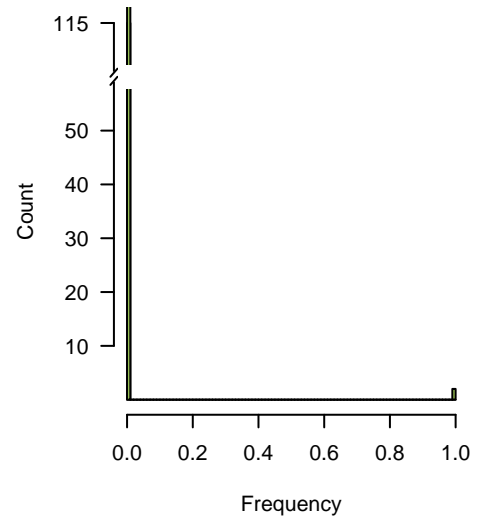
**RT site 241
AA 81**



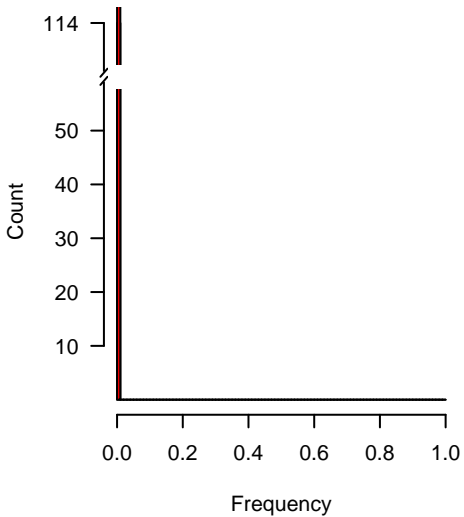
**RT site 242
AA 81**



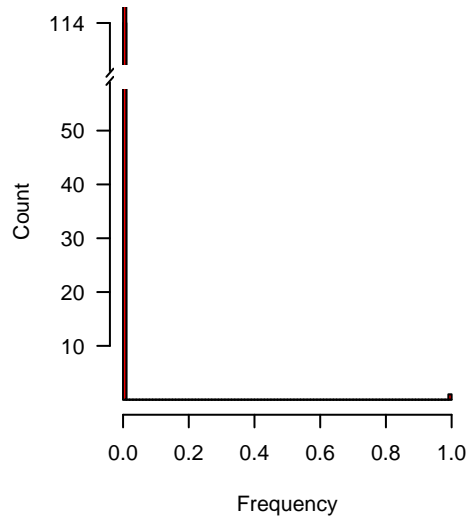
**RT site 243
AA 81**



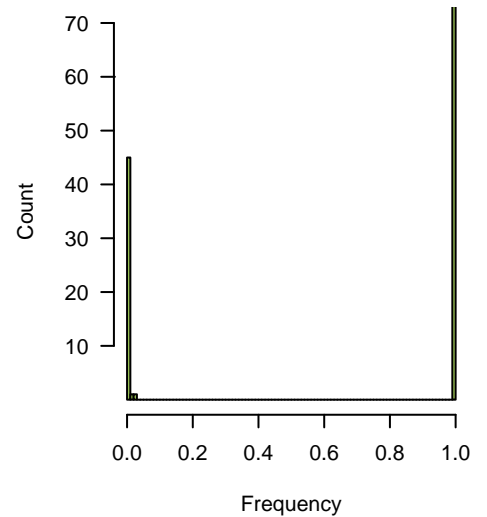
**RT site 244
AA 82**



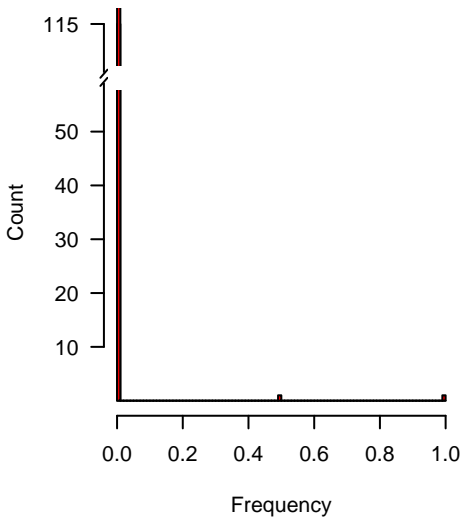
**RT site 245
AA 82**



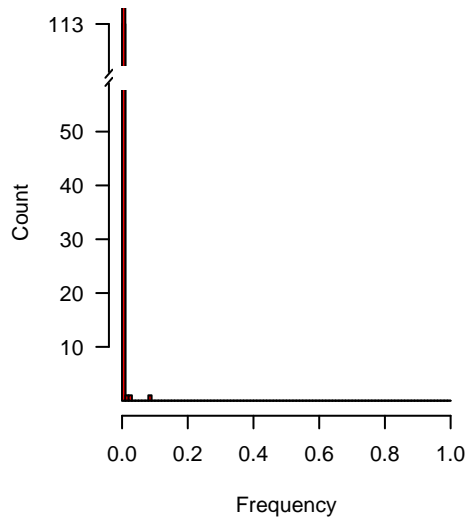
**RT site 246
AA 82**



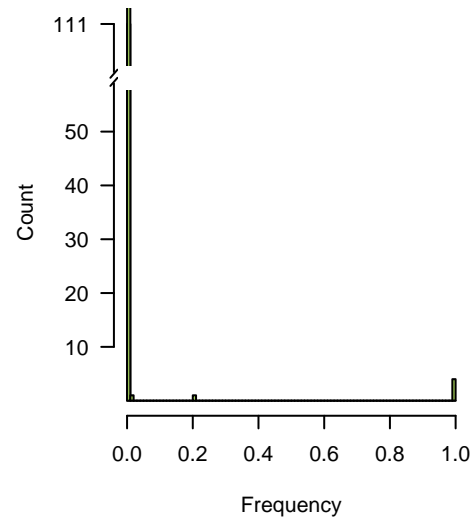
**RT site 247
AA 83**



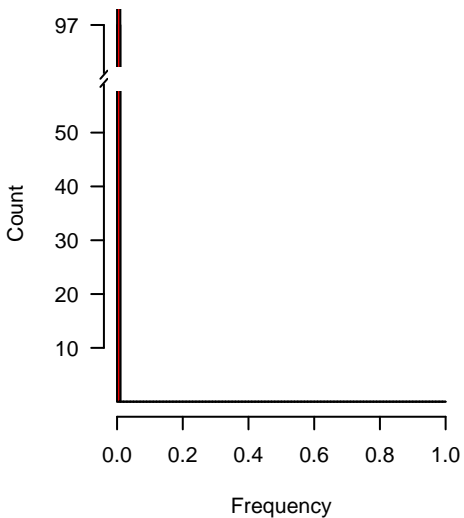
**RT site 248
AA 83**



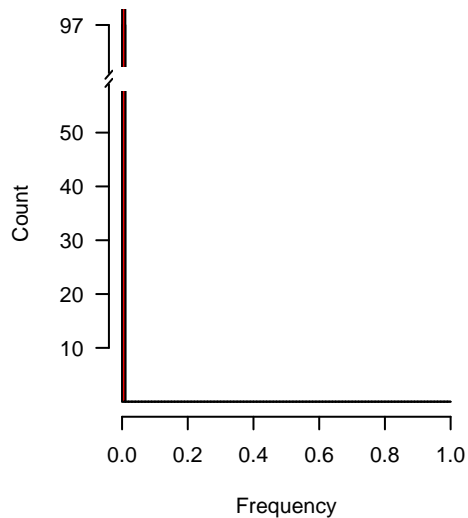
**RT site 249
AA 83**



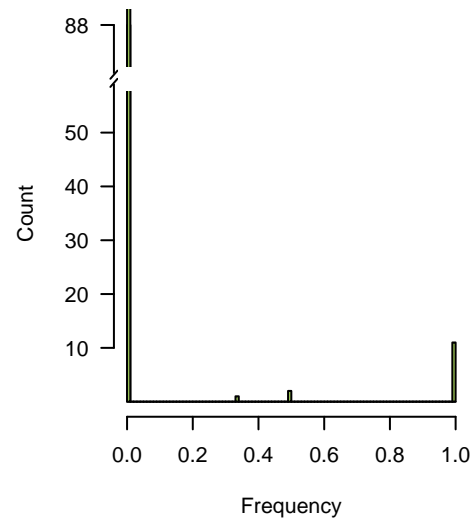
**RT site 250
AA 84**



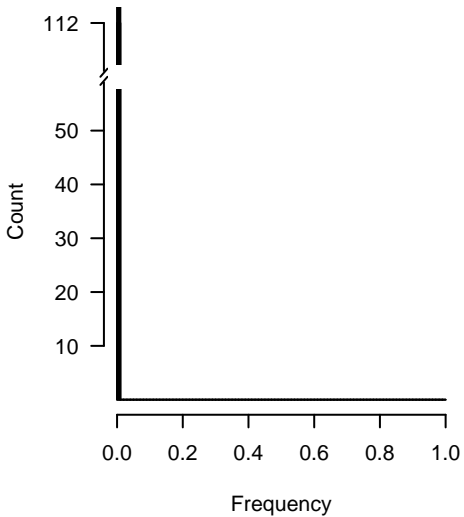
**RT site 251
AA 84**



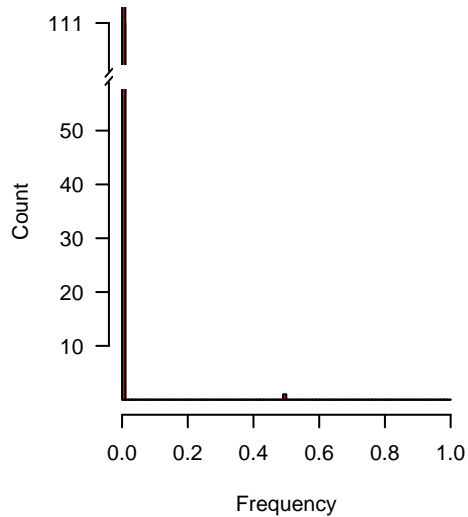
**RT site 252
AA 84**



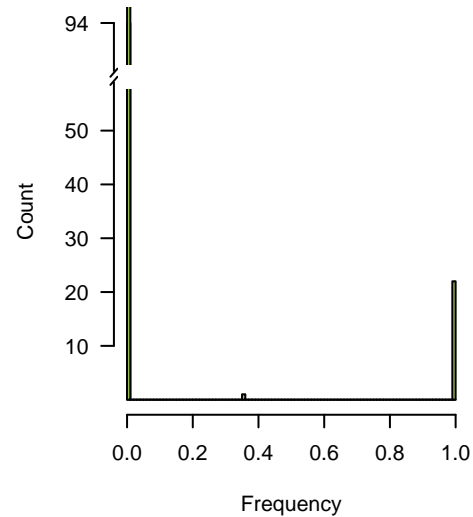
**RT site 253
AA 85**



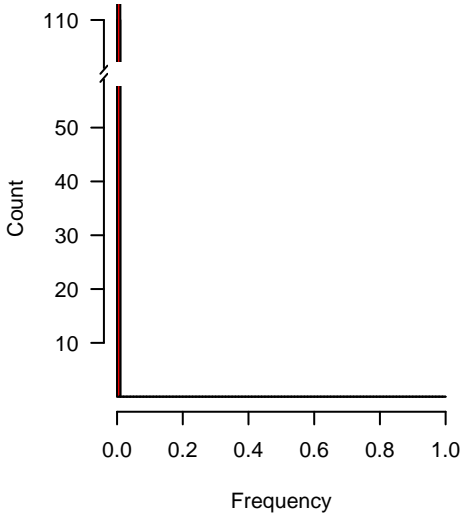
**RT site 254
AA 85**



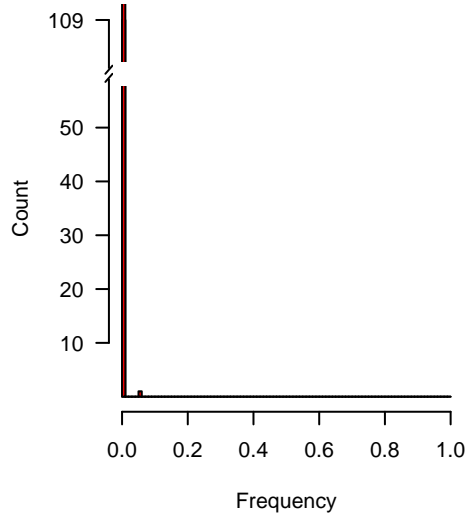
**RT site 255
AA 85**



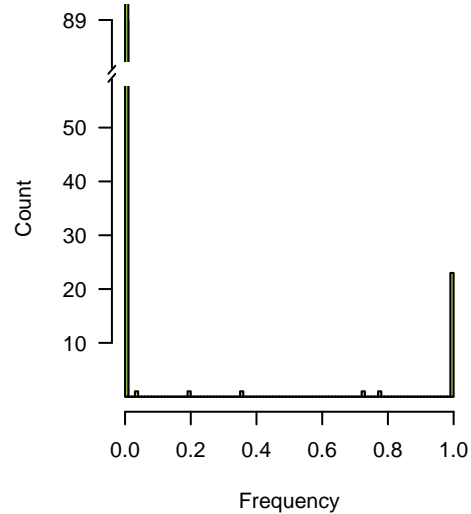
**RT site 256
AA 86**



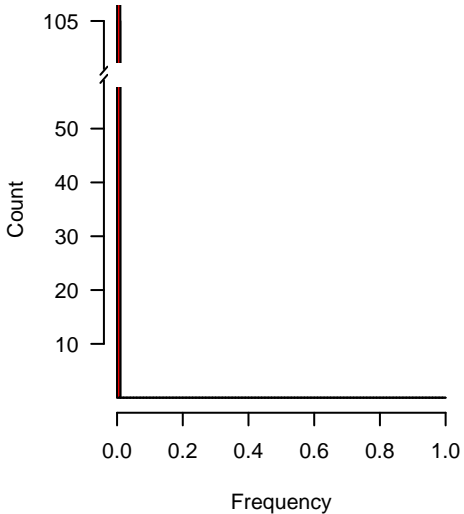
**RT site 257
AA 86**



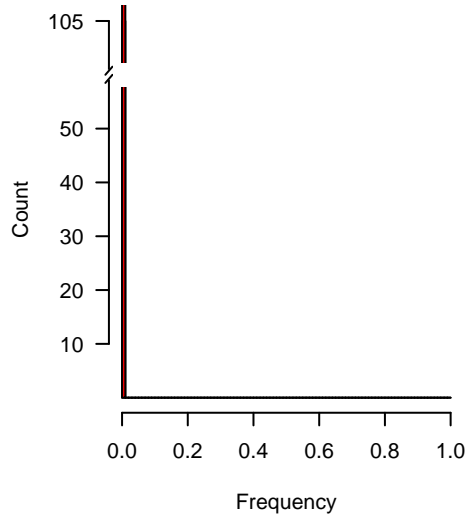
**RT site 258
AA 86**



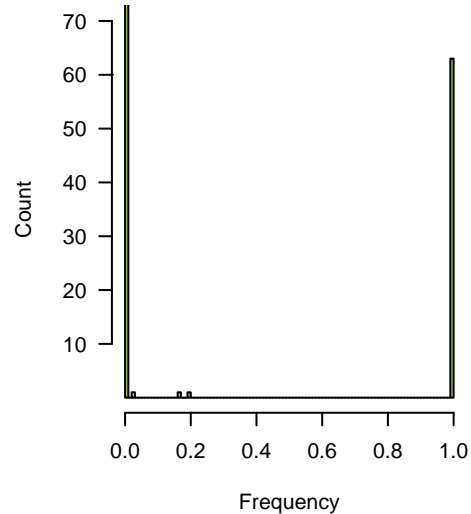
**RT site 259
AA 87**



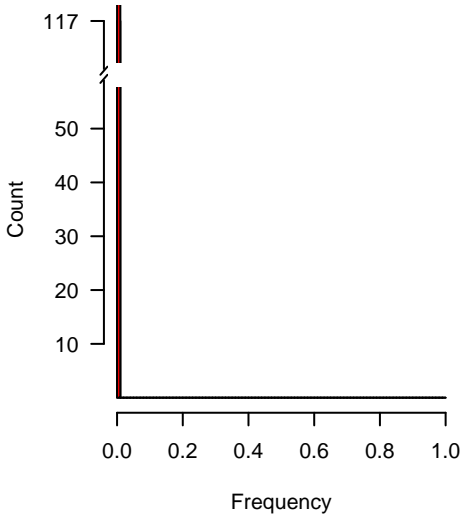
**RT site 260
AA 87**



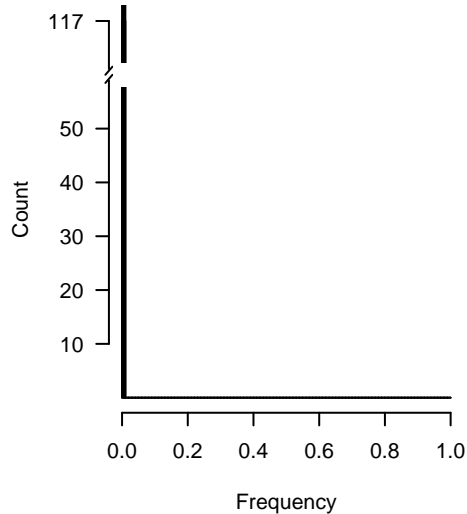
**RT site 261
AA 87**



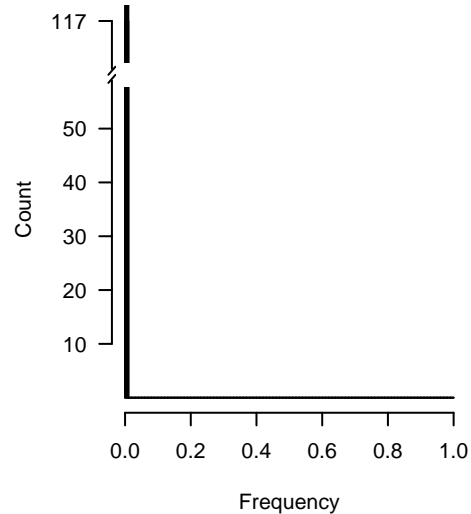
**RT site 262
AA 88**



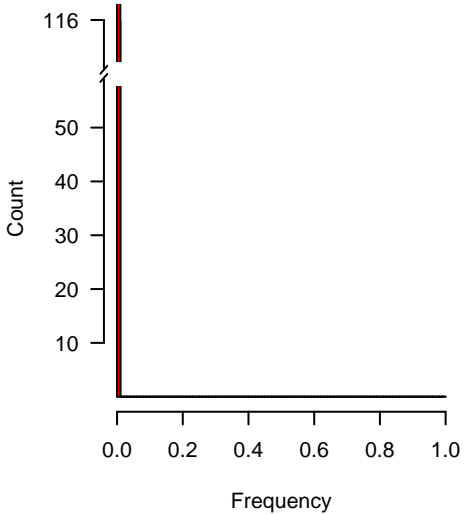
**RT site 263
AA 88**



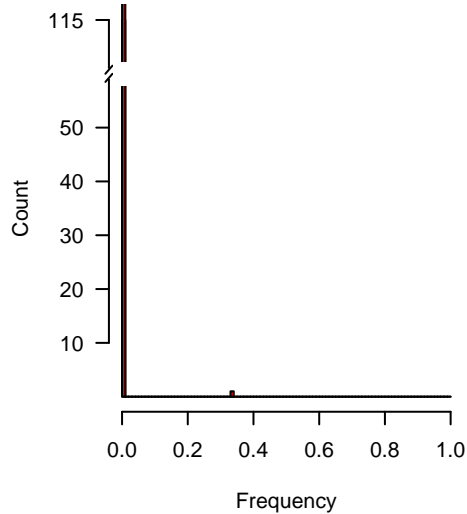
**RT site 264
AA 88**



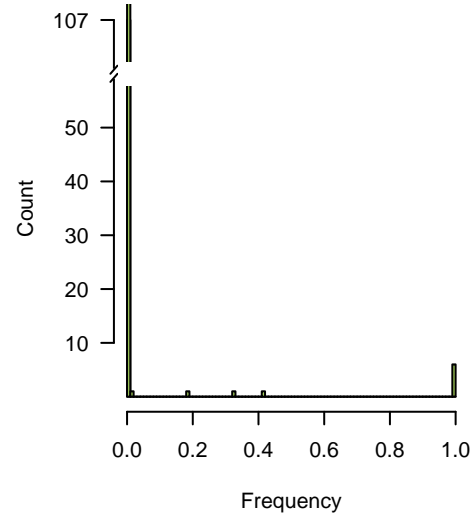
**RT site 265
AA 89**



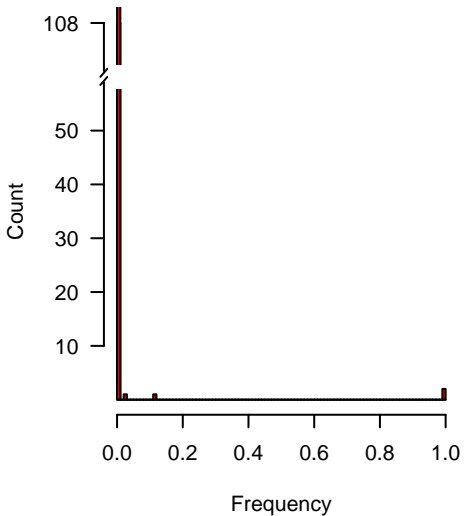
**RT site 266
AA 89**



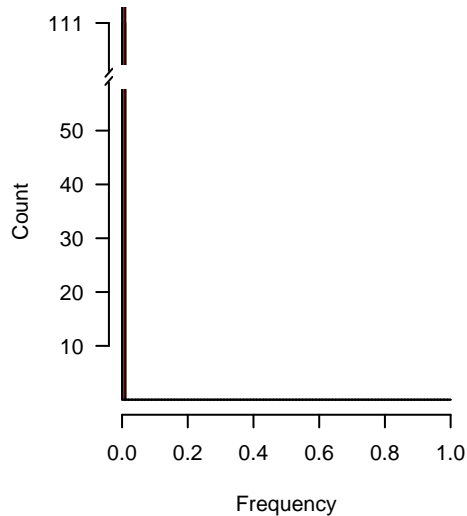
**RT site 267
AA 89**



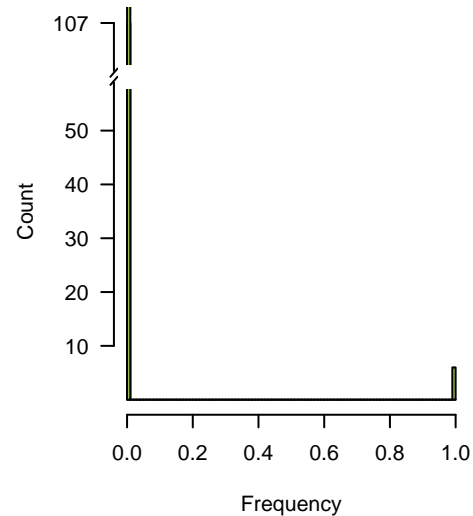
**RT site 268
AA 90**



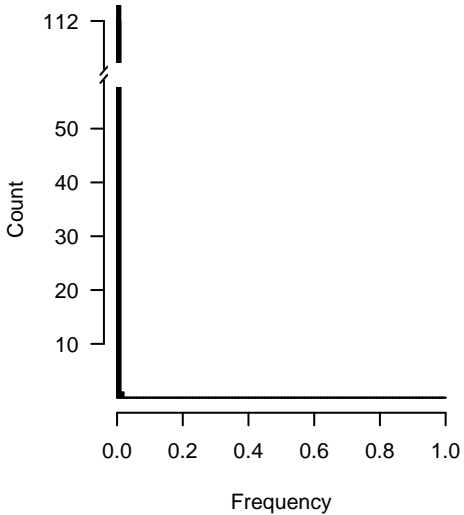
**RT site 269
AA 90**



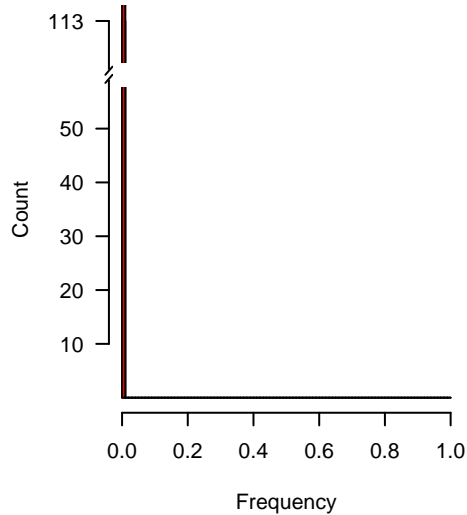
**RT site 270
AA 90**



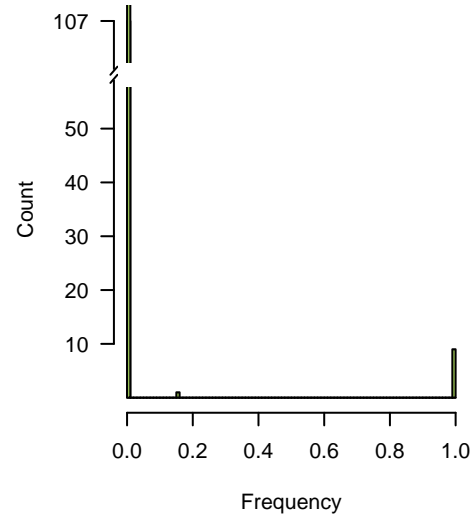
**RT site 271
AA 91**



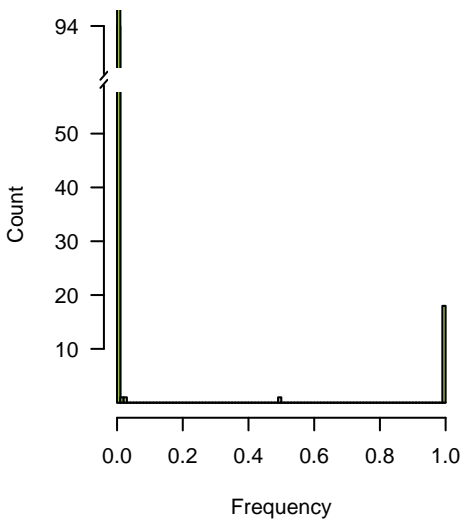
**RT site 272
AA 91**



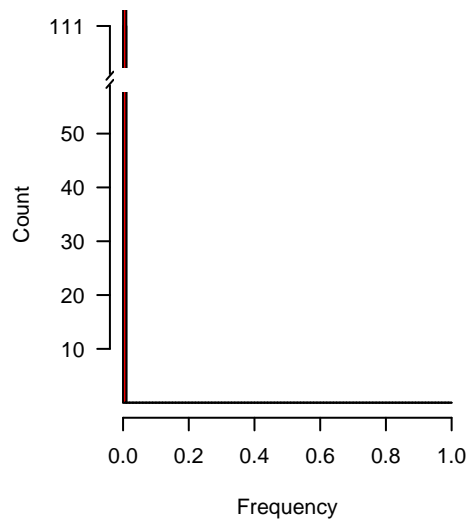
**RT site 273
AA 91**



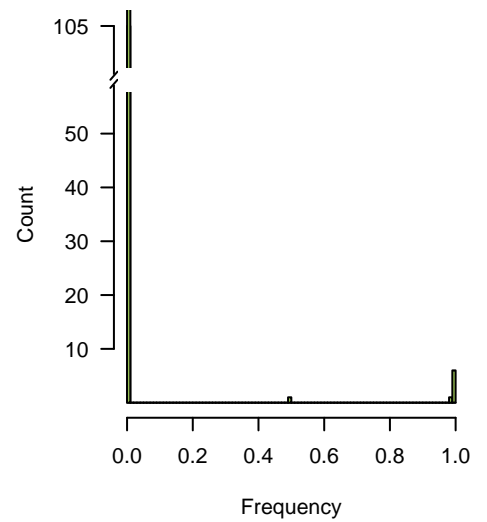
**RT site 274
AA 92**



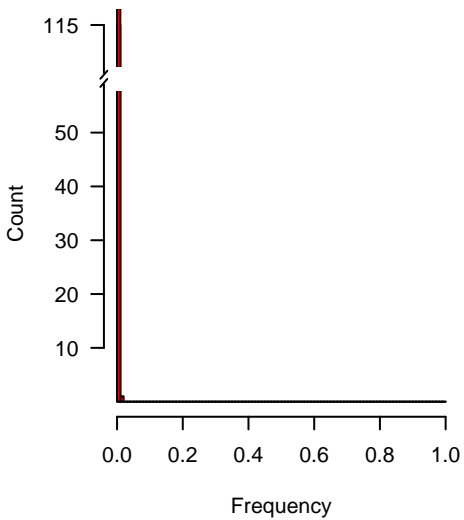
**RT site 275
AA 92**



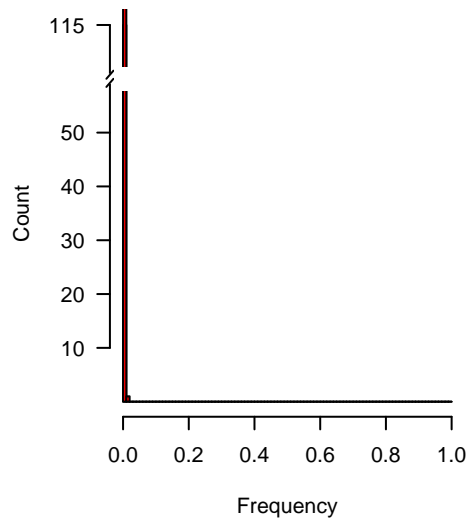
**RT site 276
AA 92**



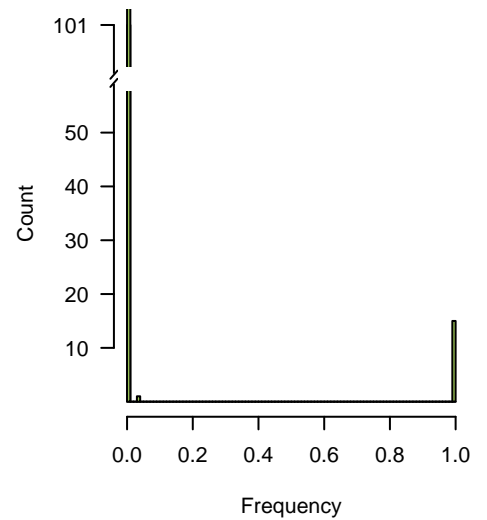
**RT site 277
AA 93**



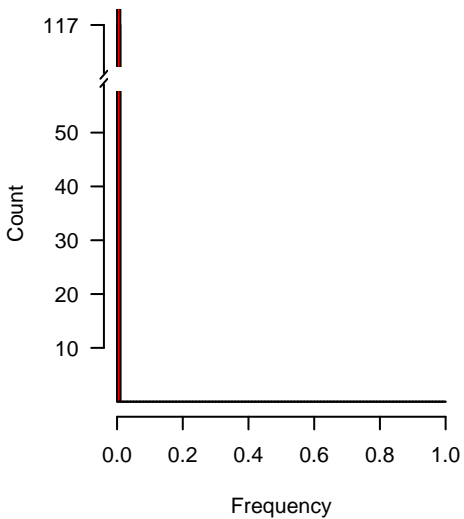
**RT site 278
AA 93**



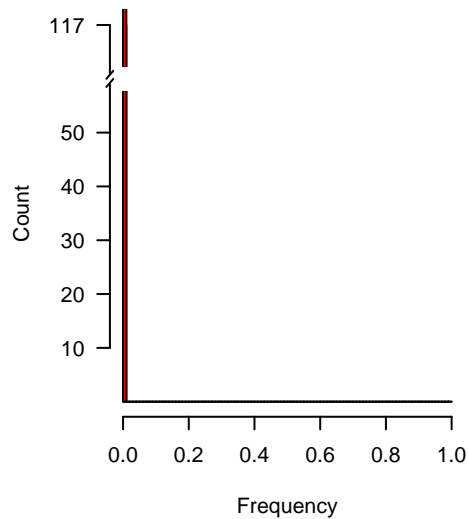
**RT site 279
AA 93**



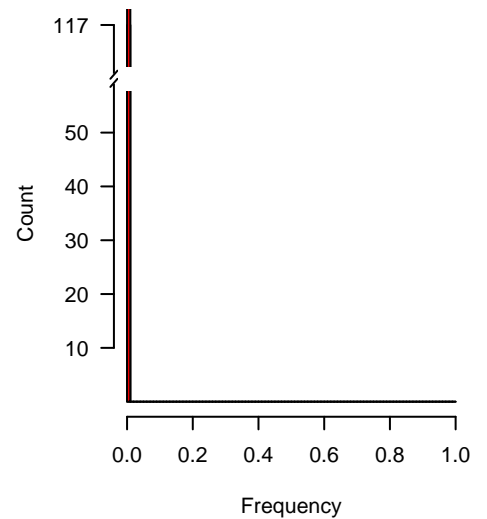
**RT site 280
AA 94**



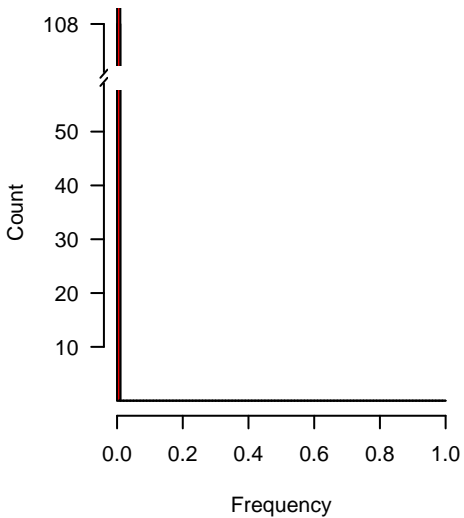
**RT site 281
AA 94**



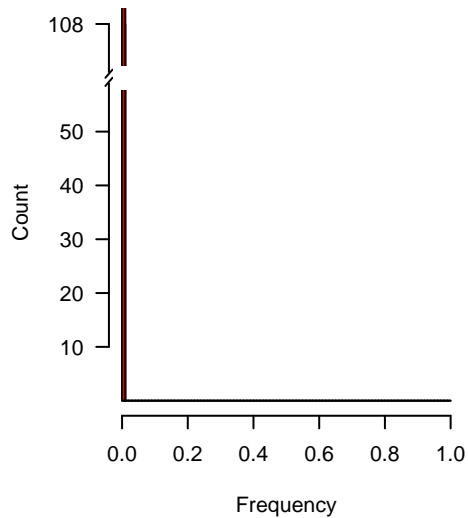
**RT site 282
AA 94**



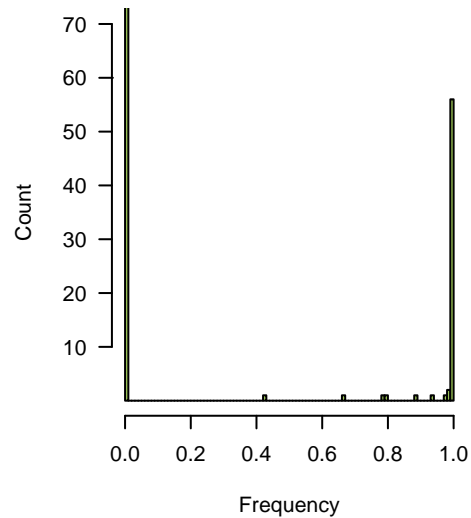
**RT site 283
AA 95**



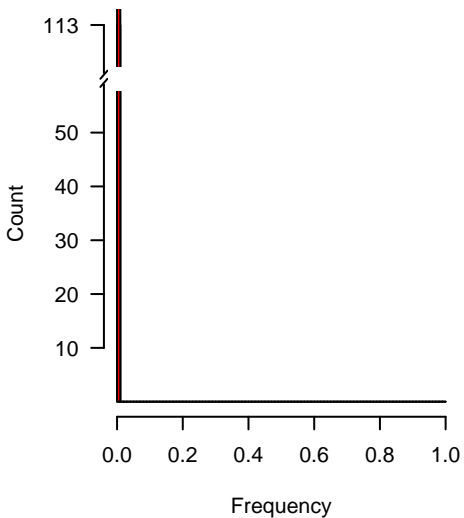
**RT site 284
AA 95**



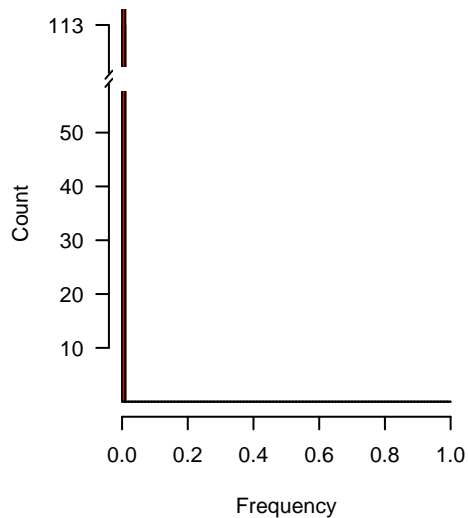
**RT site 285
AA 95**



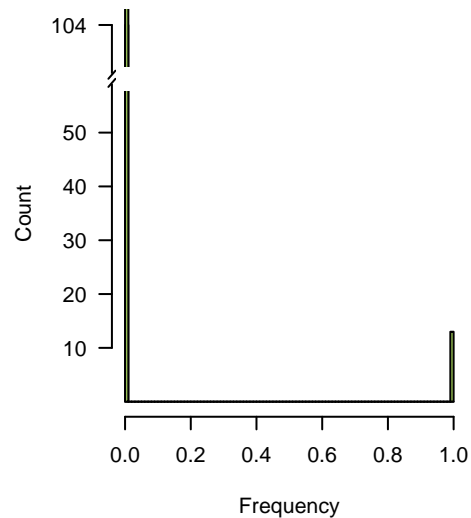
**RT site 286
AA 96**



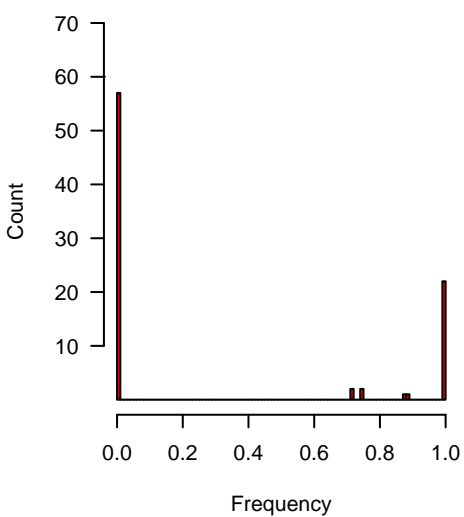
**RT site 287
AA 96**



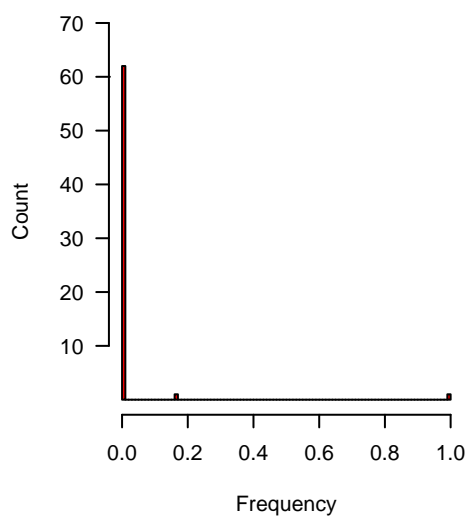
**RT site 288
AA 96**



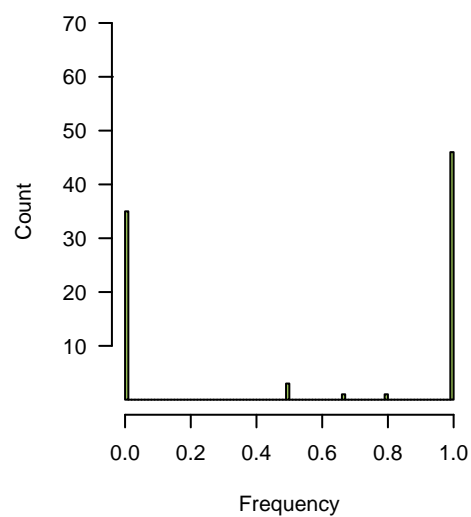
**RT site 289
AA 97**



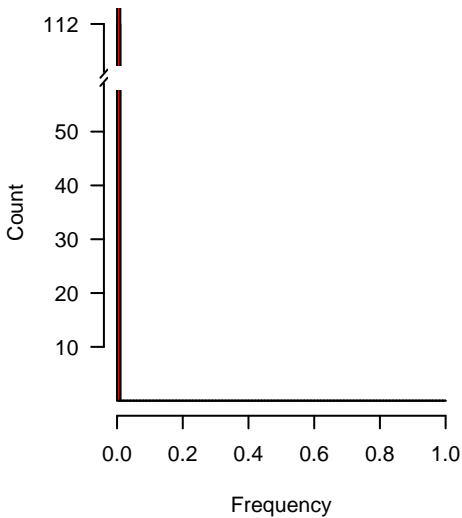
**RT site 290
AA 97**



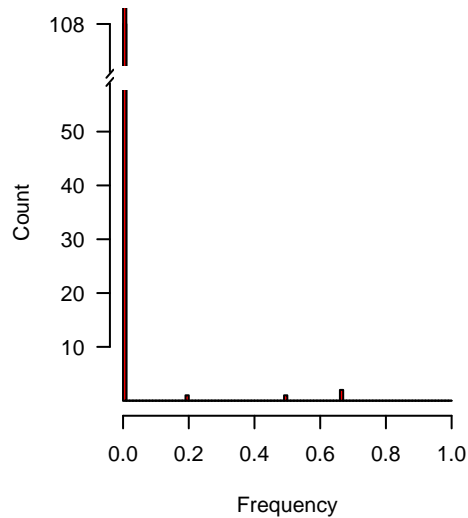
**RT site 291
AA 97**



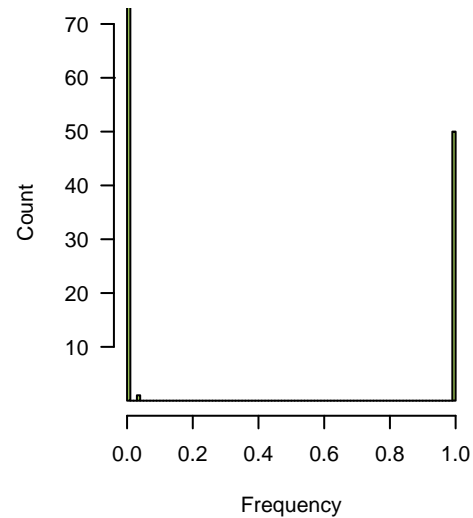
**RT site 292
AA 98**



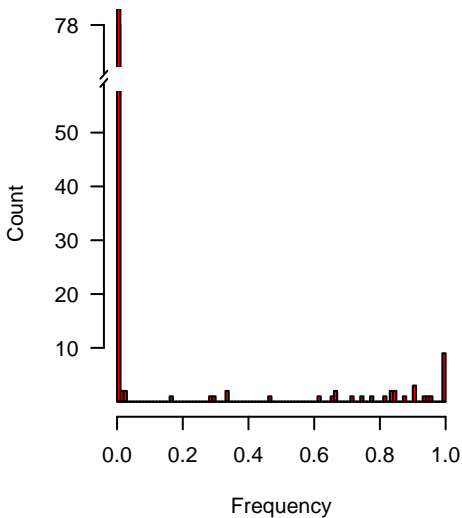
**RT site 293
AA 98**



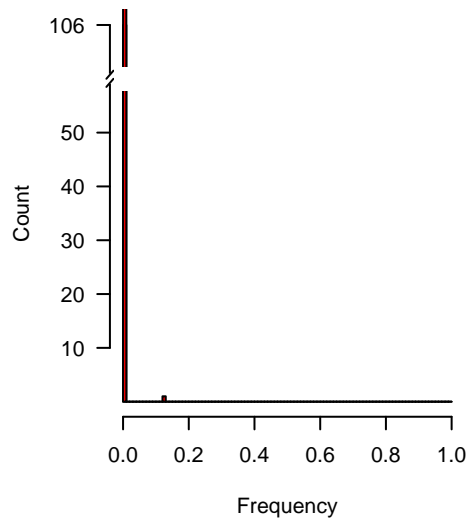
**RT site 294
AA 98**



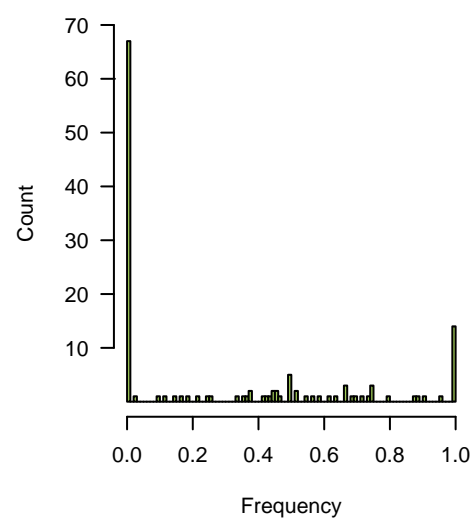
**RT site 295
AA 99**



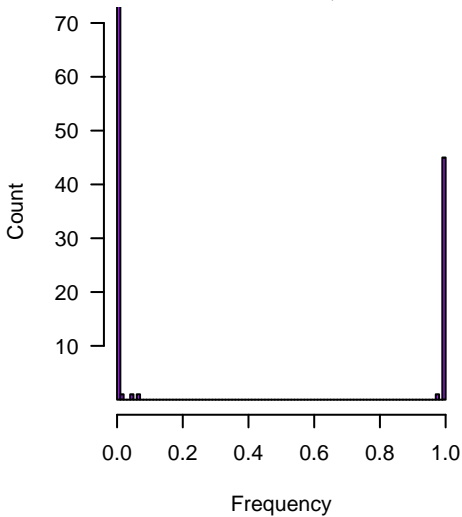
**RT site 296
AA 99**



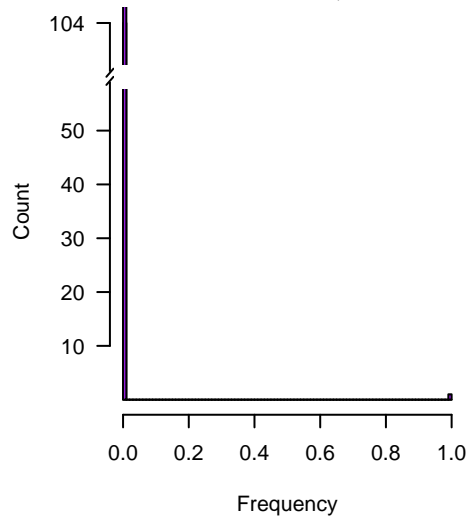
**RT site 297
AA 99**



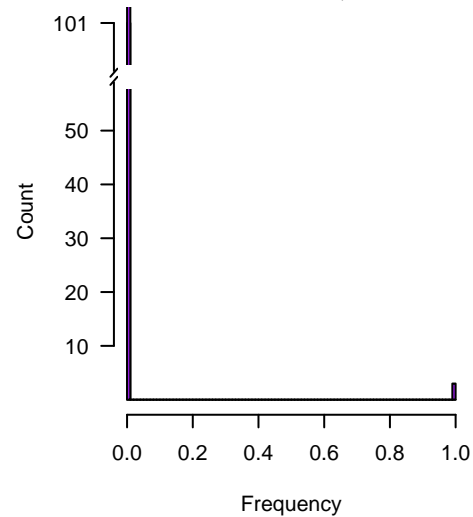
**RT site 298
AA 100
resistance codon, excluded**

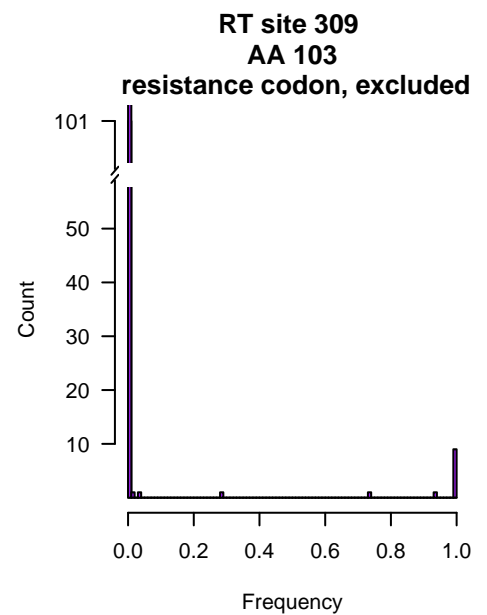
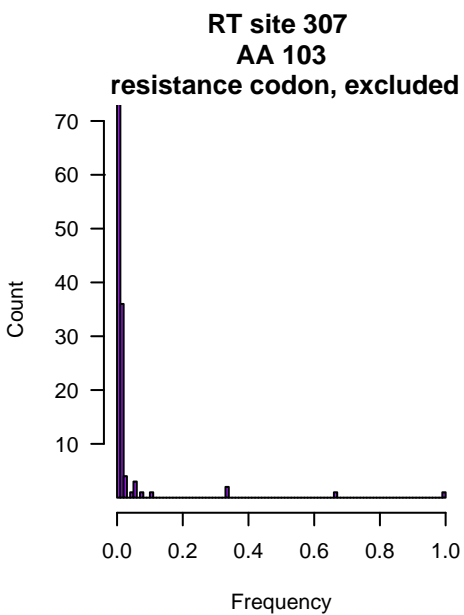
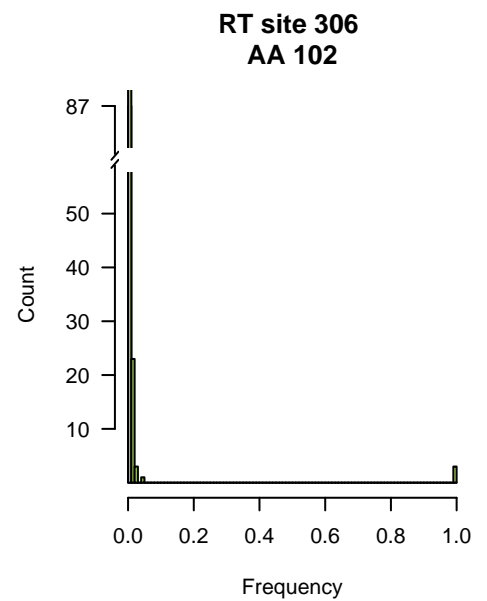
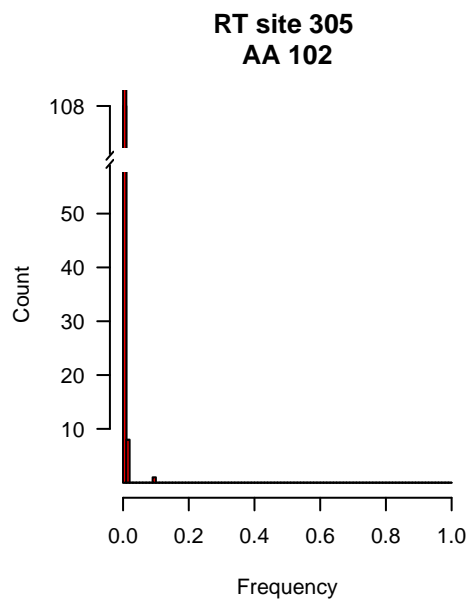
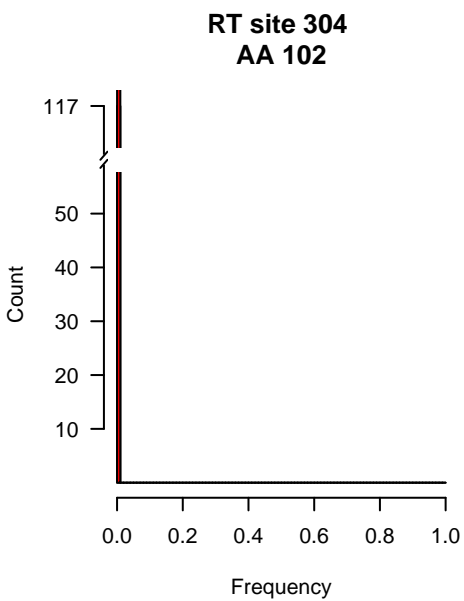
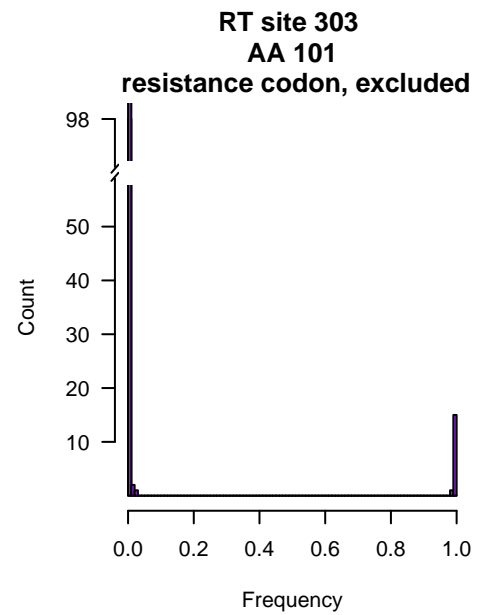
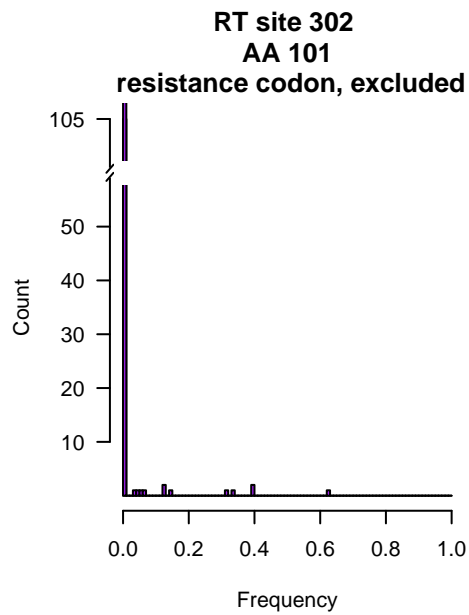
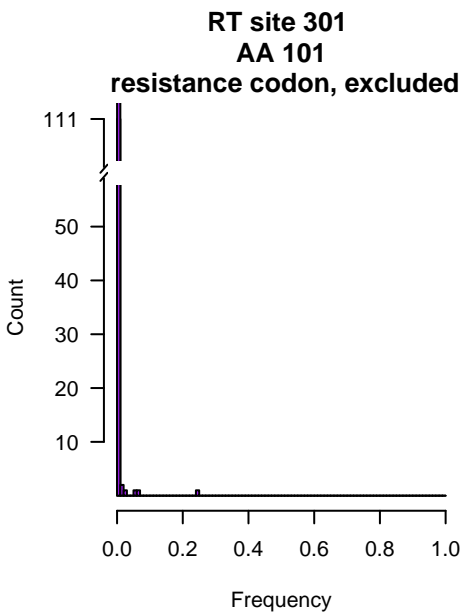


**RT site 299
AA 100
resistance codon, excluded**

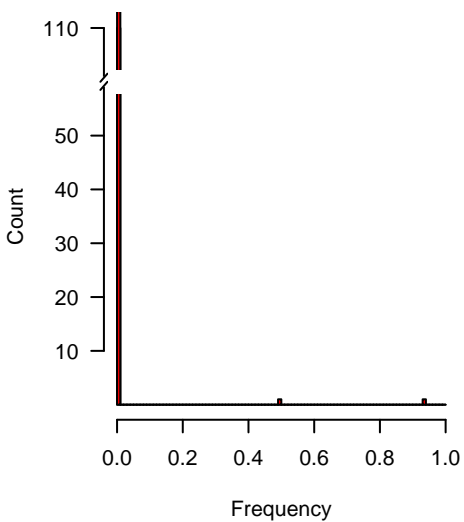


**RT site 300
AA 100
resistance codon, excluded**

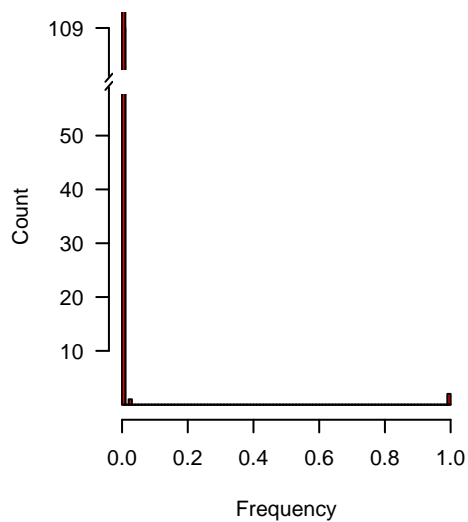




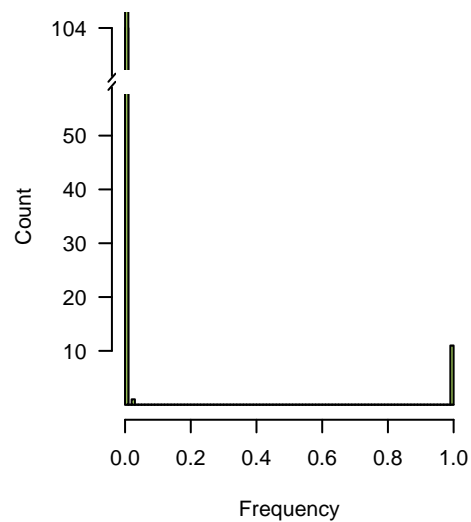
**RT site 310
AA 104**



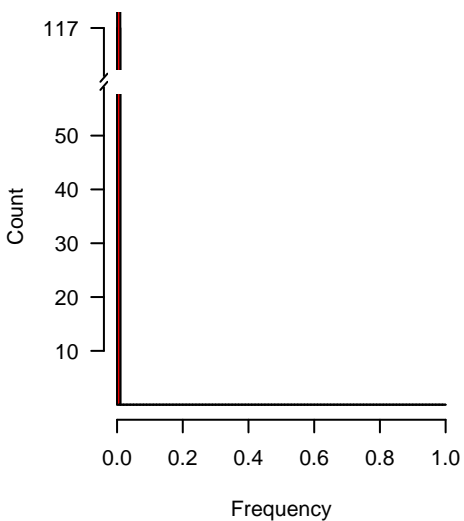
**RT site 311
AA 104**



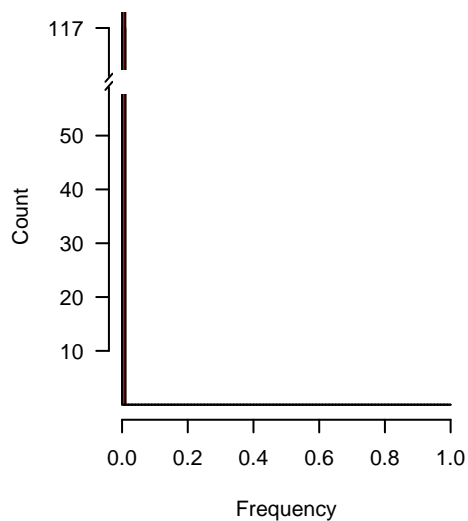
**RT site 312
AA 104**



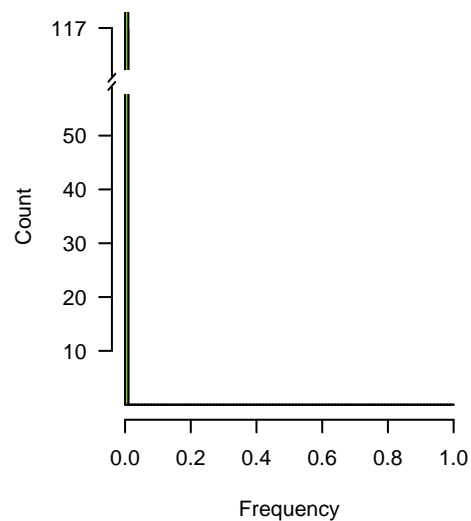
**RT site 313
AA 105**



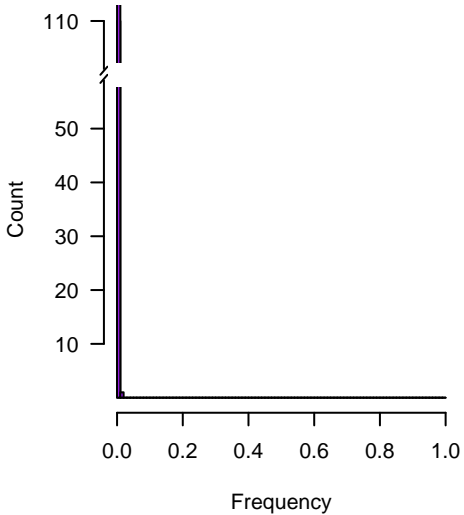
**RT site 314
AA 105**



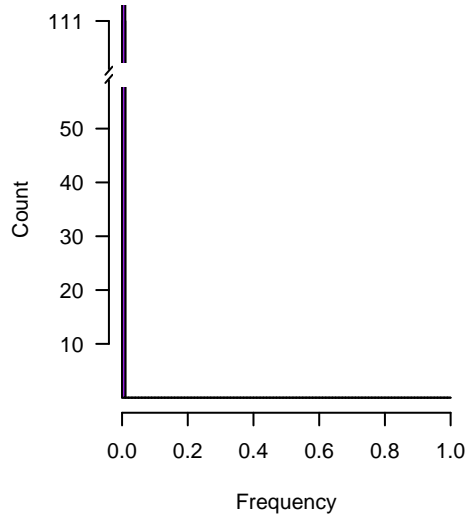
**RT site 315
AA 105**



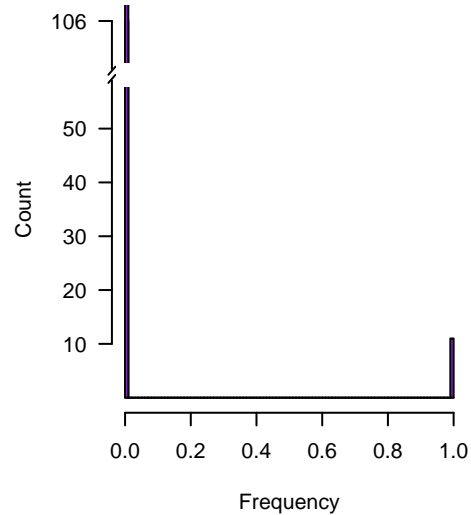
**RT site 316
AA 106
resistance codon, excluded**



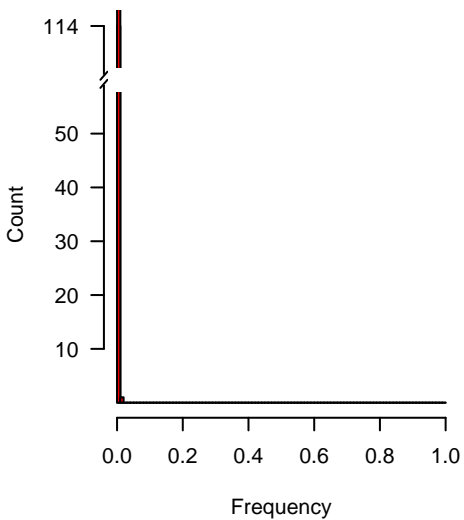
**RT site 317
AA 106
resistance codon, excluded**



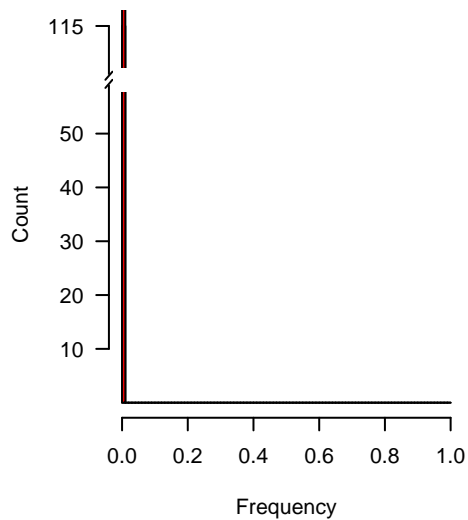
**RT site 318
AA 106
resistance codon, excluded**



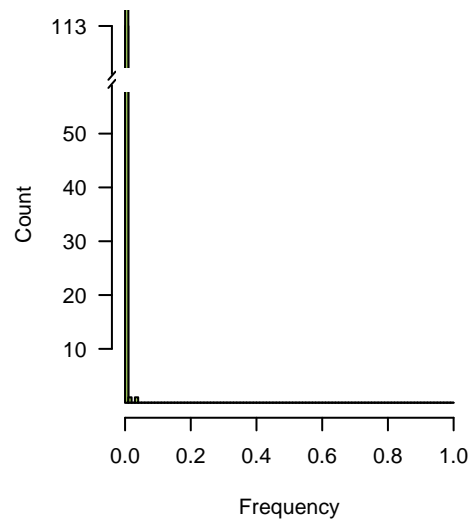
**RT site 319
AA 107**



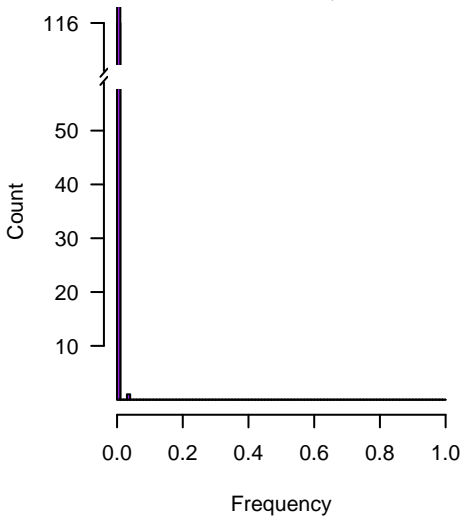
**RT site 320
AA 107**



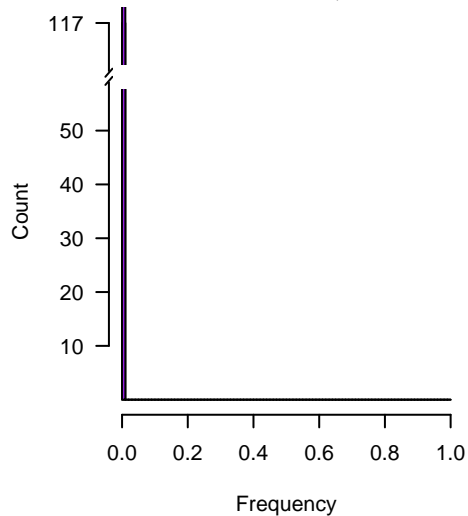
**RT site 321
AA 107**



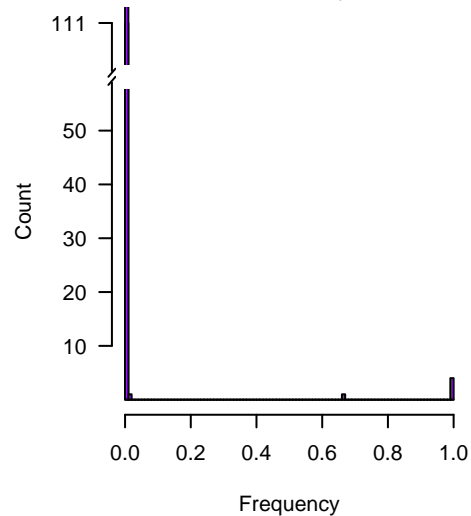
**RT site 322
AA 108
resistance codon, excluded**



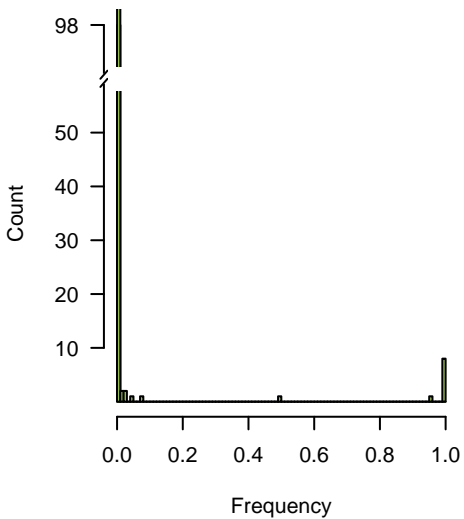
**RT site 323
AA 108
resistance codon, excluded**



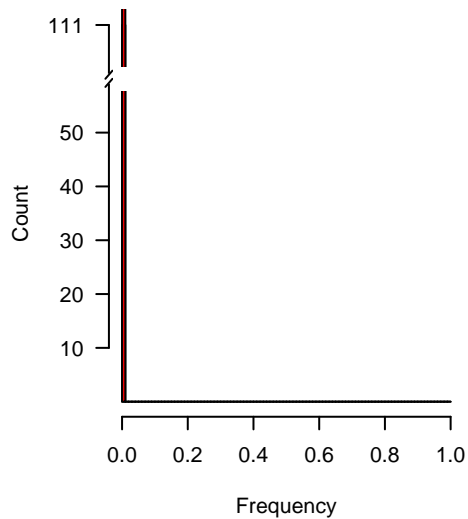
**RT site 324
AA 108
resistance codon, excluded**



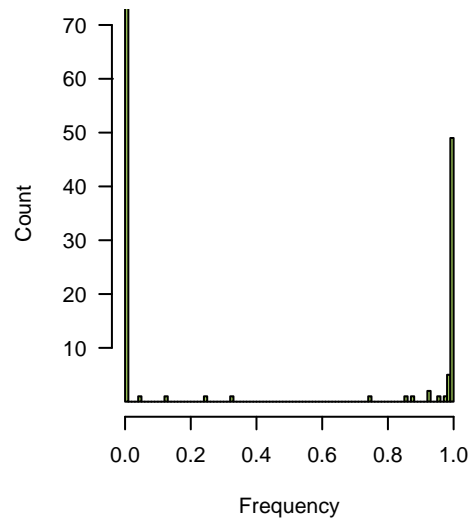
**RT site 325
AA 109**



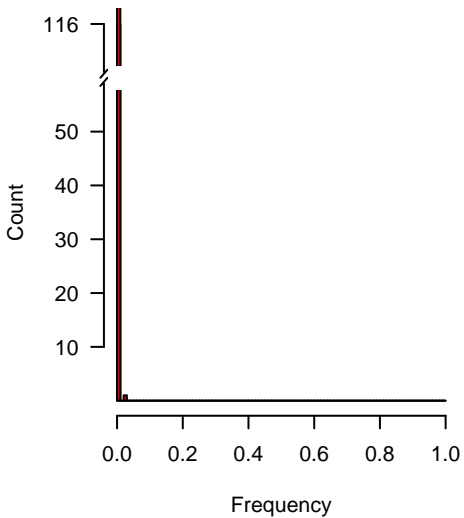
**RT site 326
AA 109**



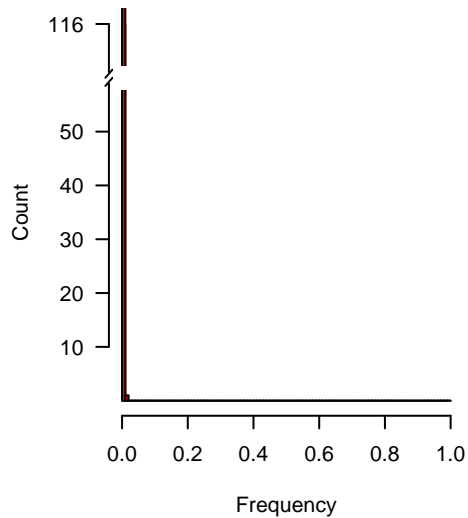
**RT site 327
AA 109**



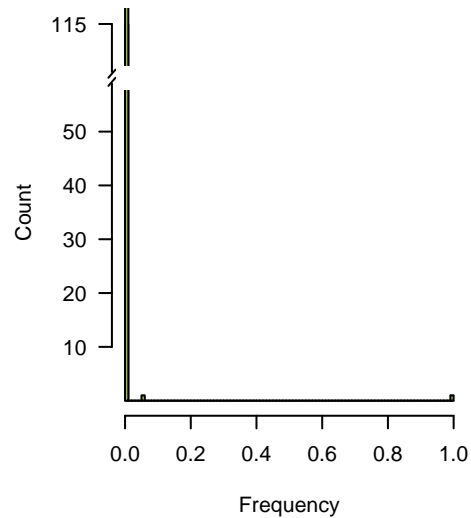
**RT site 328
AA 110**



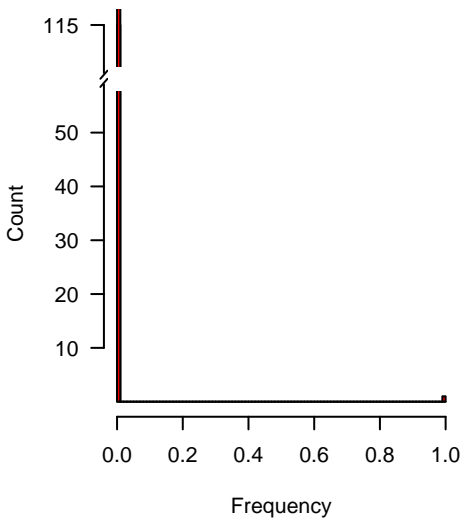
**RT site 329
AA 110**



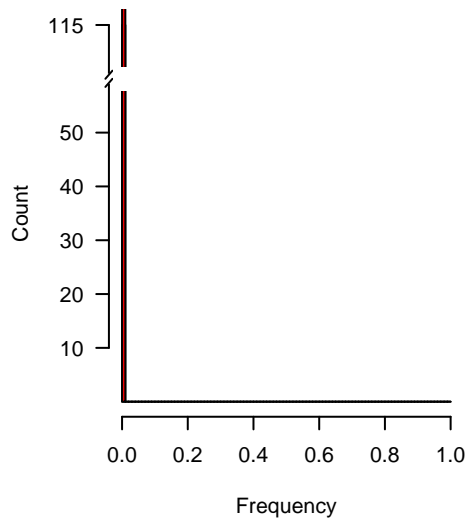
**RT site 330
AA 110**



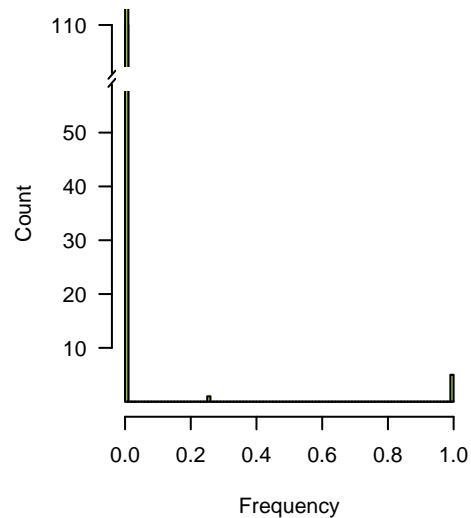
**RT site 331
AA 111**



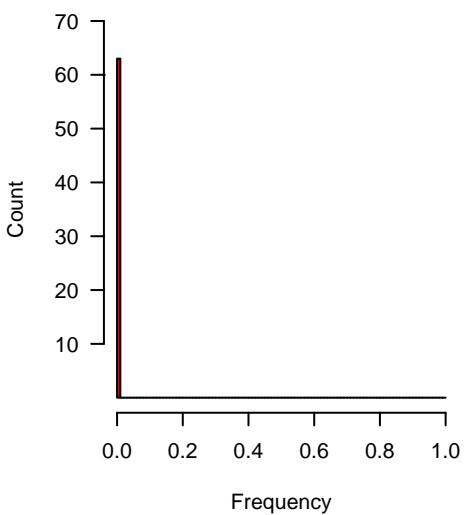
**RT site 332
AA 111**



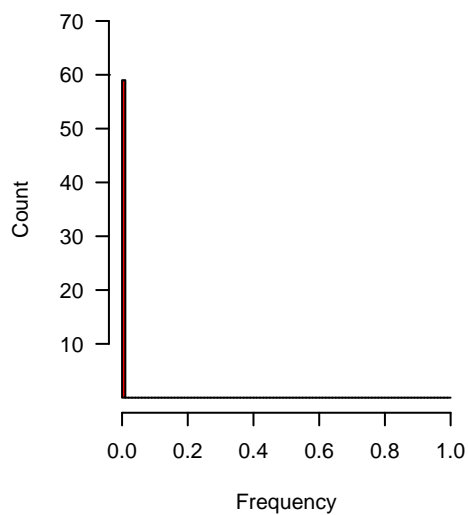
**RT site 333
AA 111**



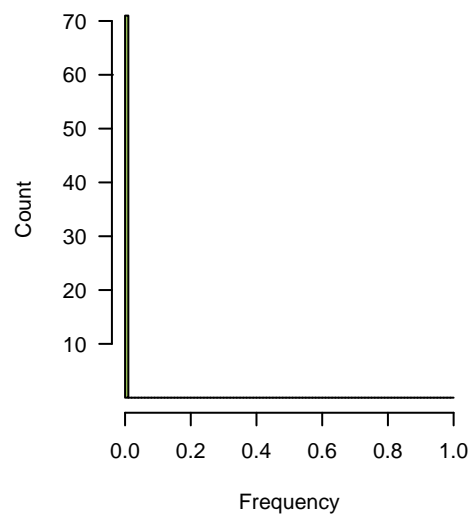
**RT site 334
AA 112**



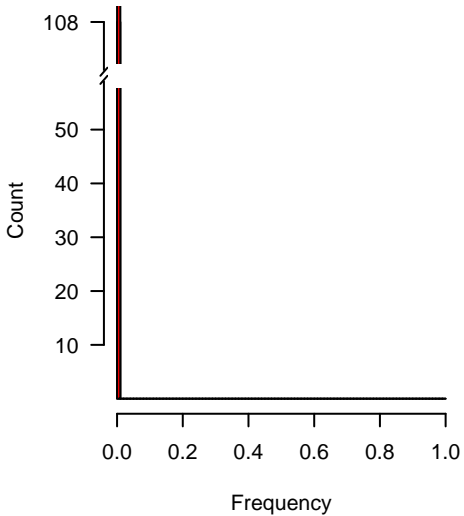
**RT site 335
AA 112**



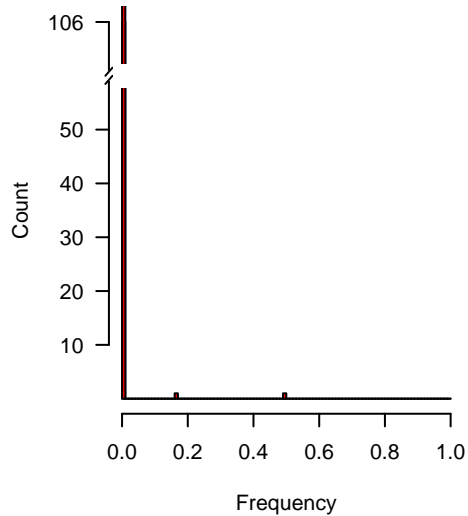
**RT site 336
AA 112**



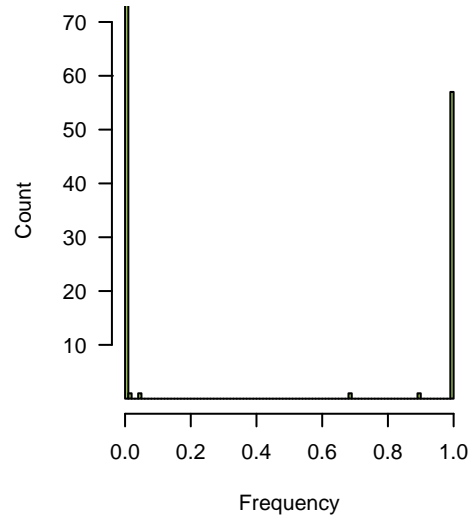
**RT site 337
AA 113**



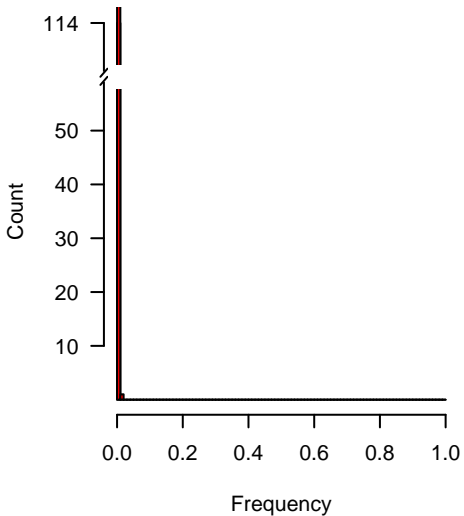
**RT site 338
AA 113**



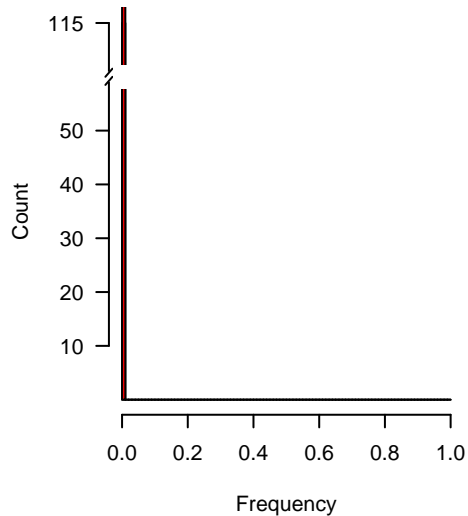
**RT site 339
AA 113**



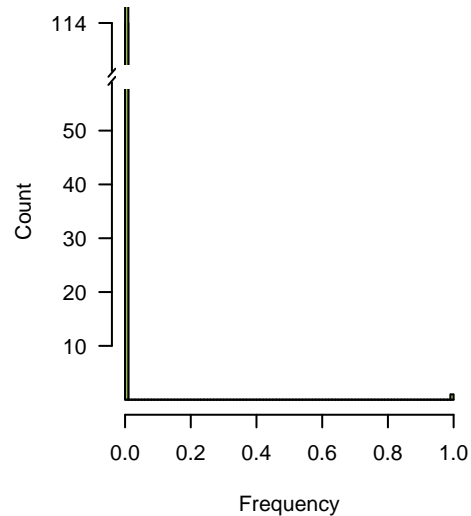
**RT site 340
AA 114**



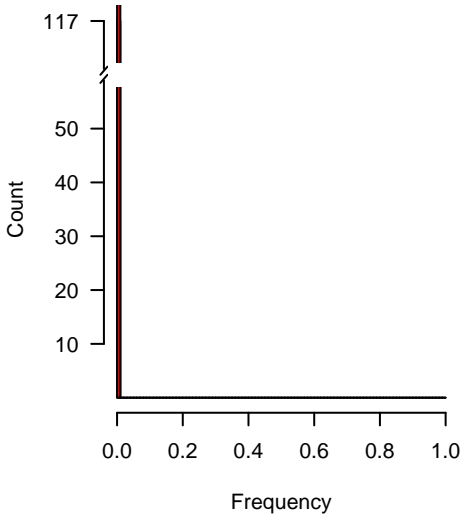
**RT site 341
AA 114**



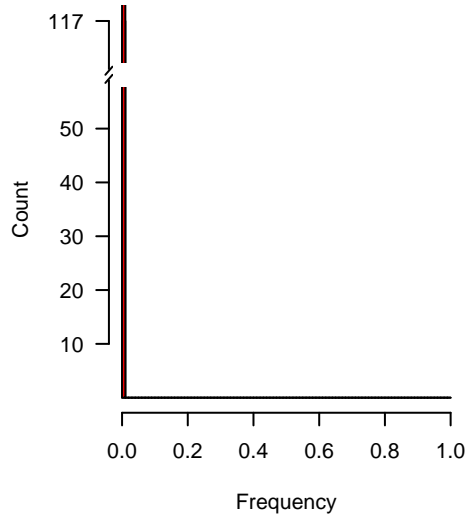
**RT site 342
AA 114**



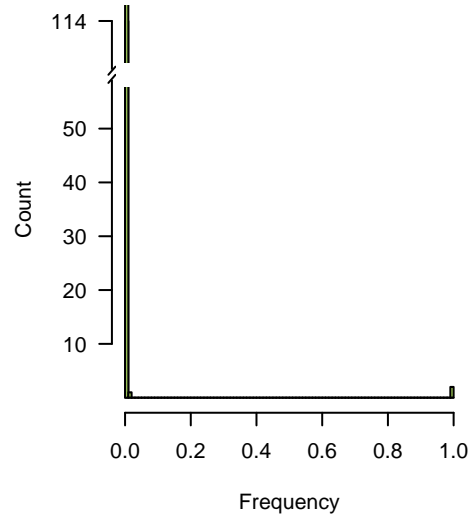
**RT site 343
AA 115**

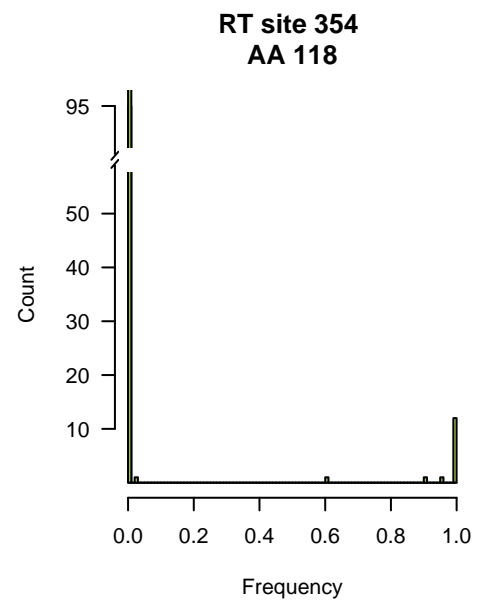
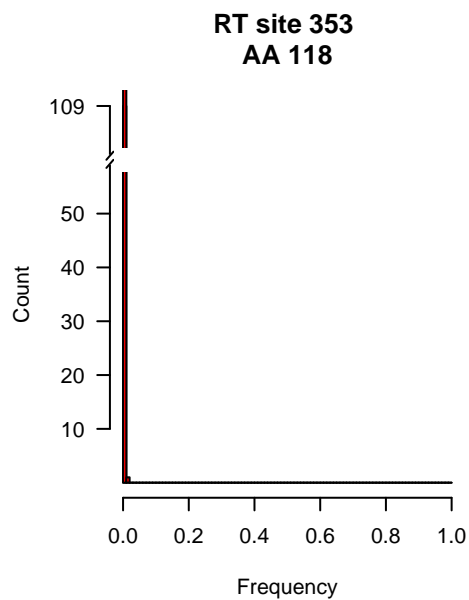
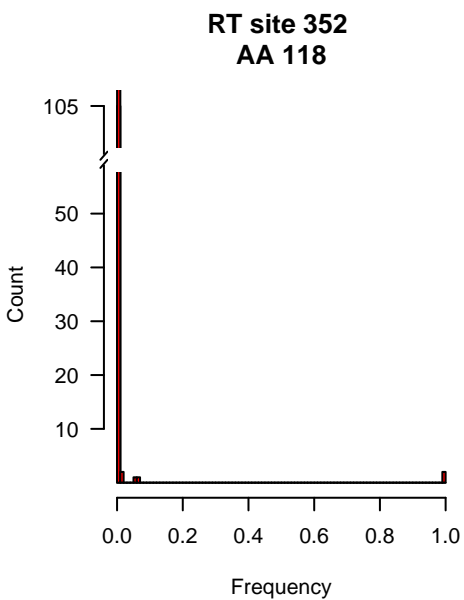
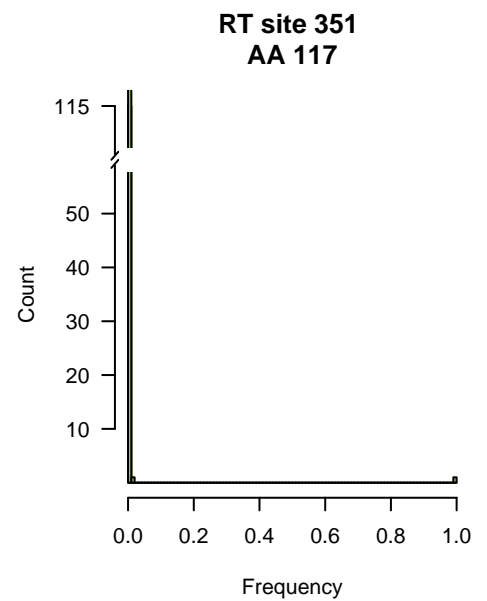
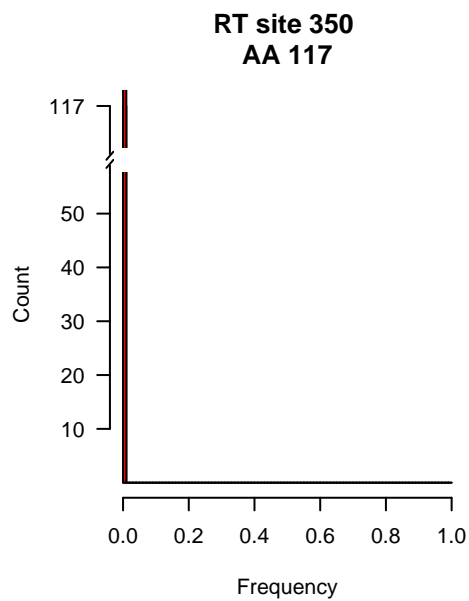
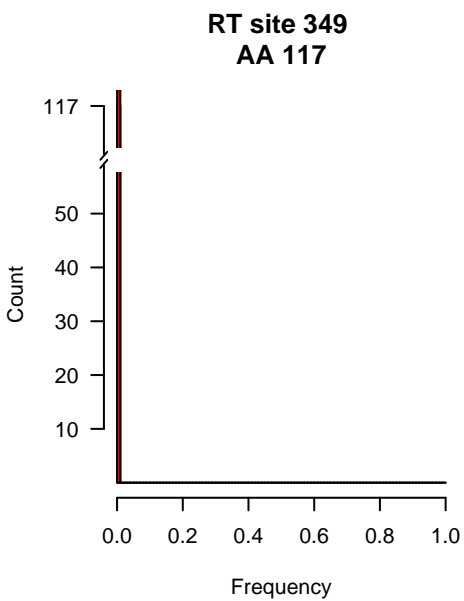
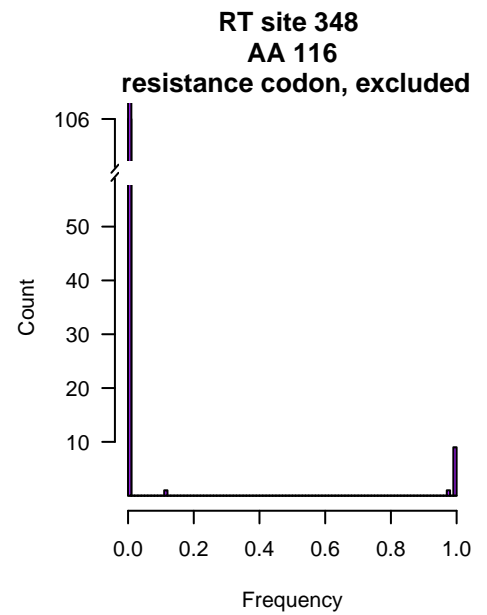
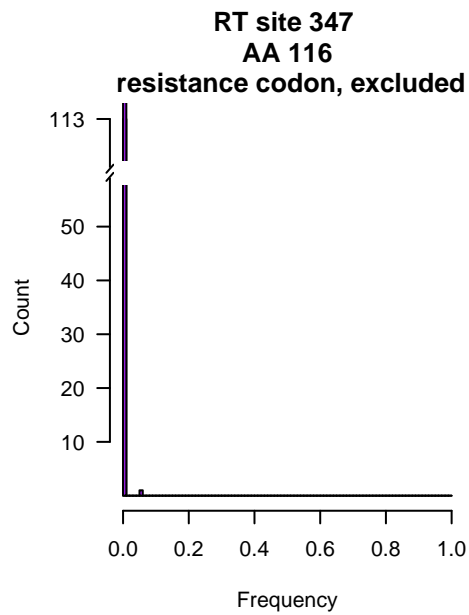
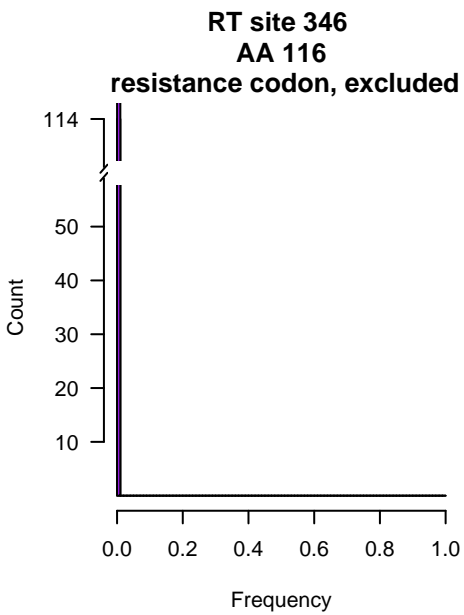


**RT site 344
AA 115**

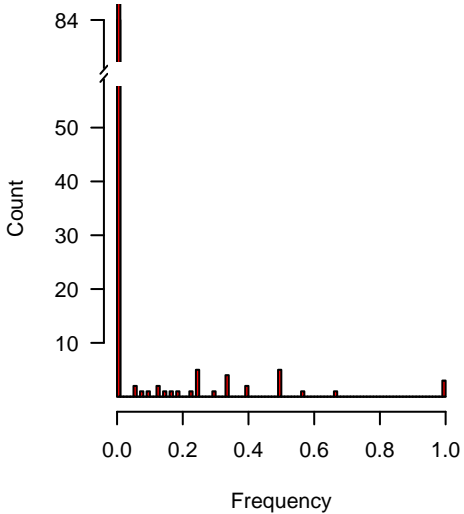


**RT site 345
AA 115**

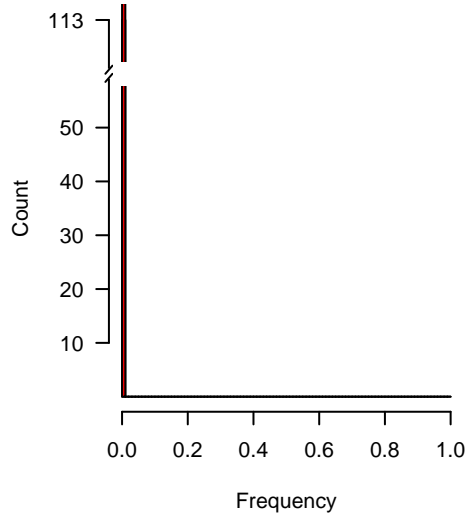




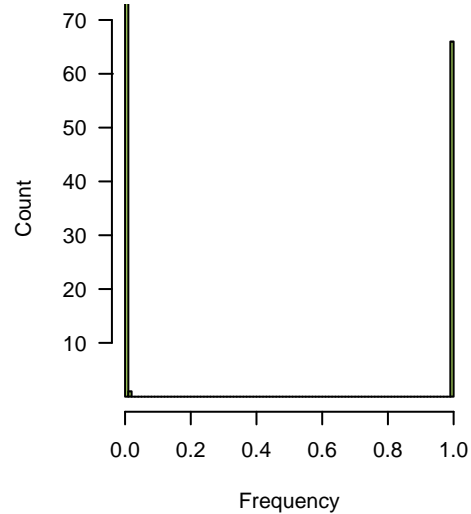
**RT site 355
AA 119**



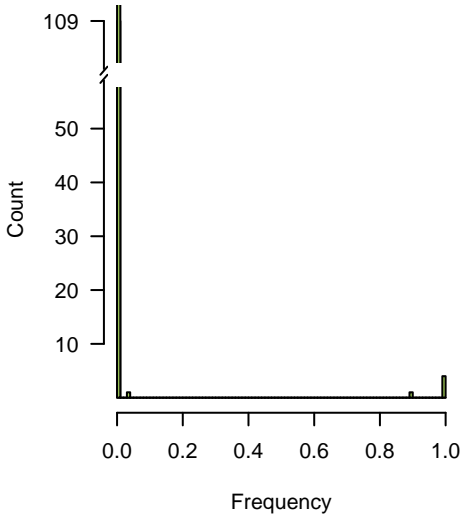
**RT site 356
AA 119**



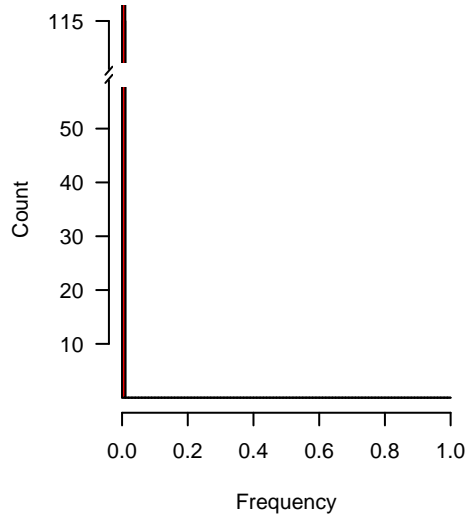
**RT site 357
AA 119**



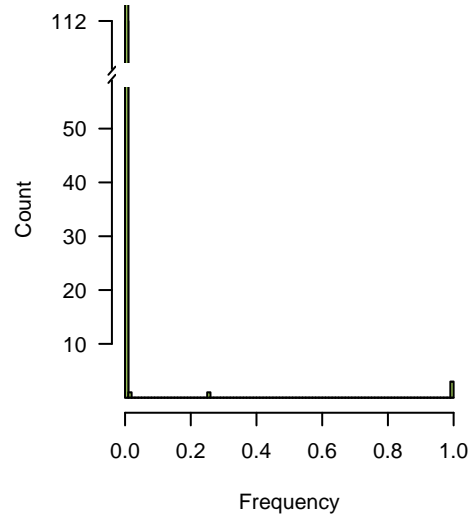
**RT site 358
AA 120**



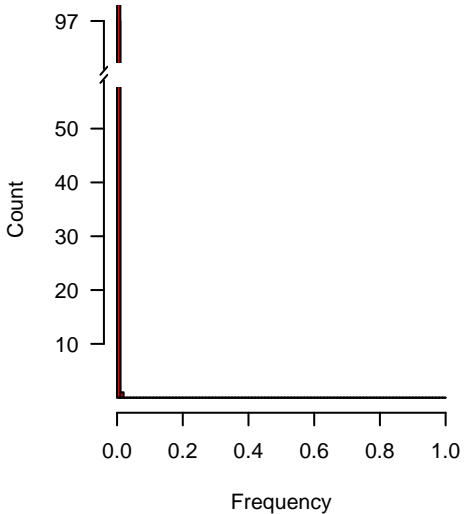
**RT site 359
AA 120**



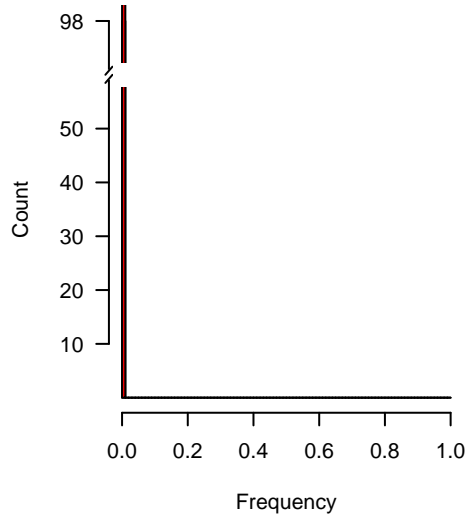
**RT site 360
AA 120**



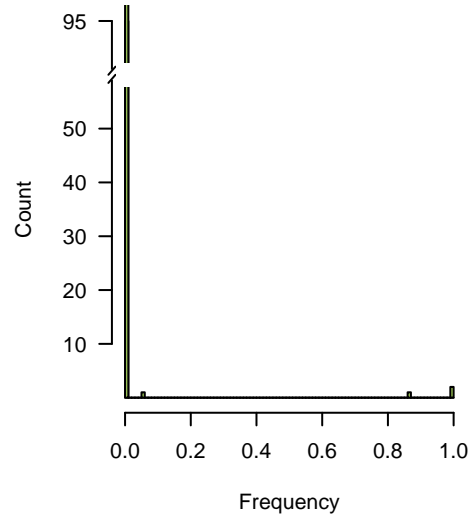
**RT site 361
AA 121**



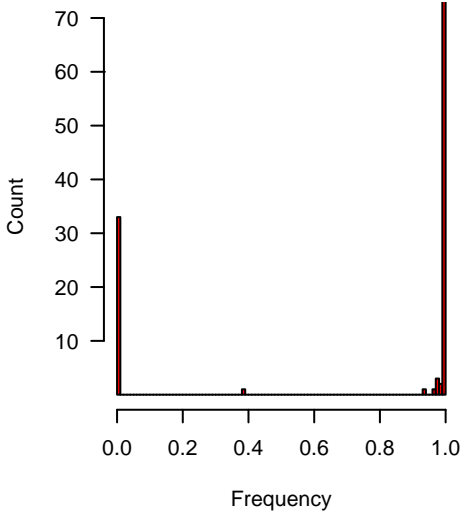
**RT site 362
AA 121**



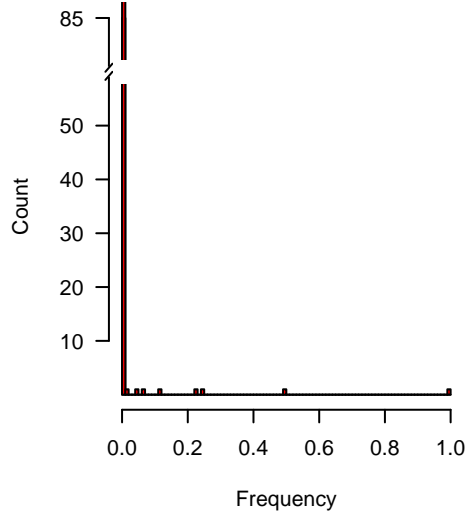
**RT site 363
AA 121**



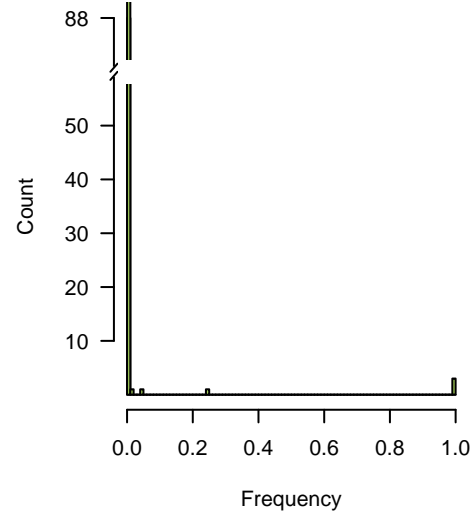
**RT site 364
AA 122**



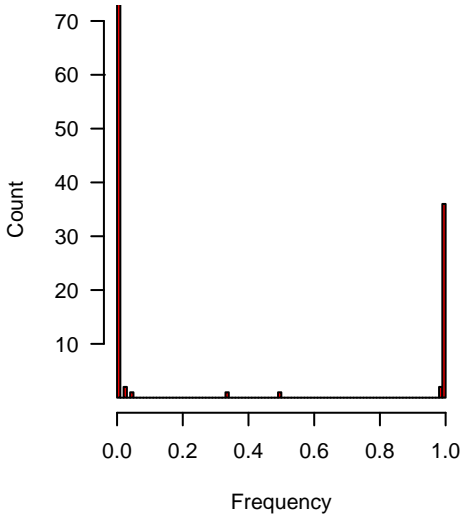
**RT site 365
AA 122**



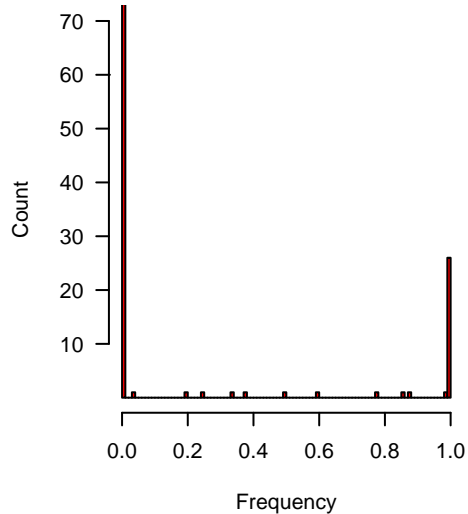
**RT site 366
AA 122**



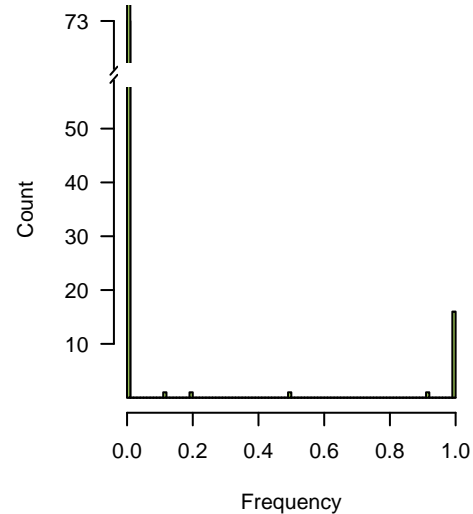
**RT site 367
AA 123**



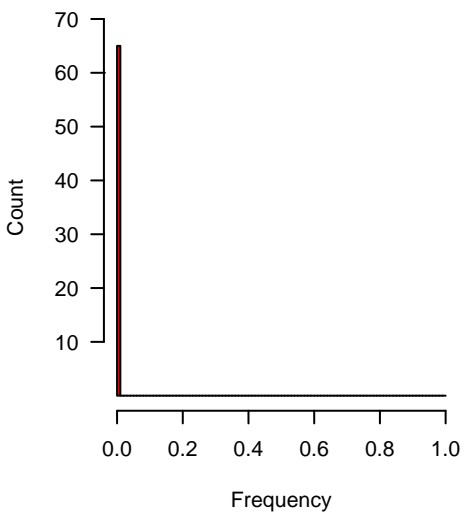
**RT site 368
AA 123**



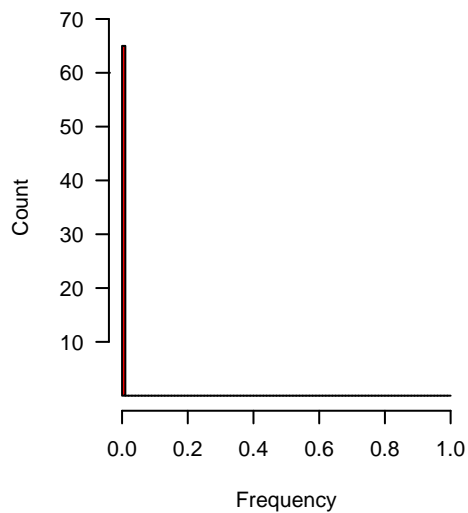
**RT site 369
AA 123**



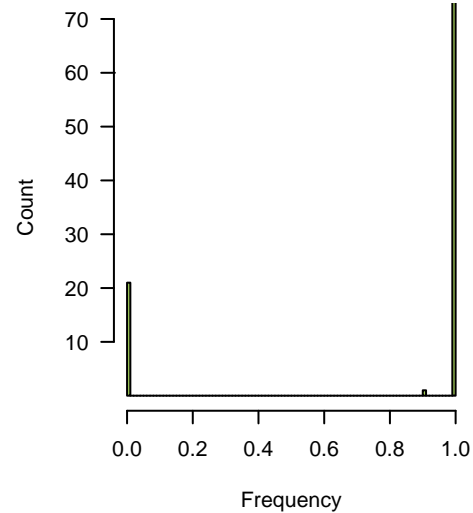
**RT site 370
AA 124**



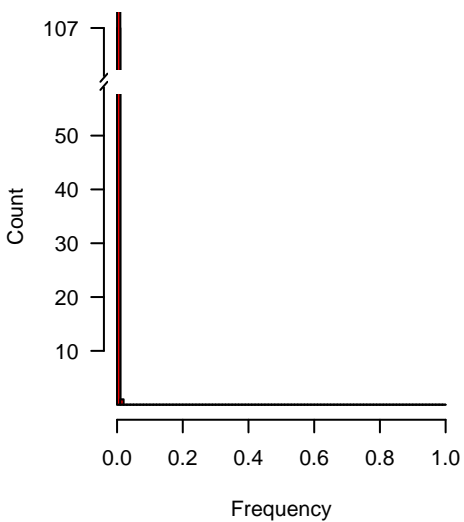
**RT site 371
AA 124**



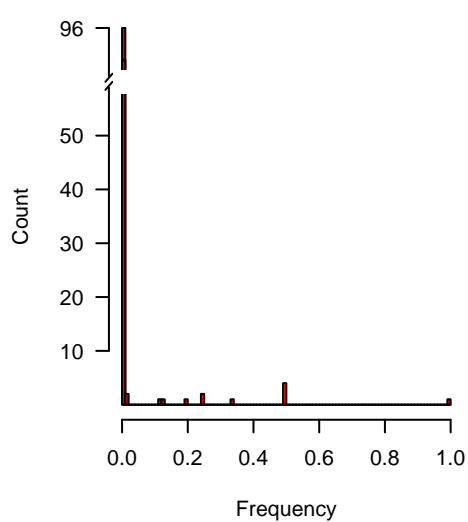
**RT site 372
AA 124**



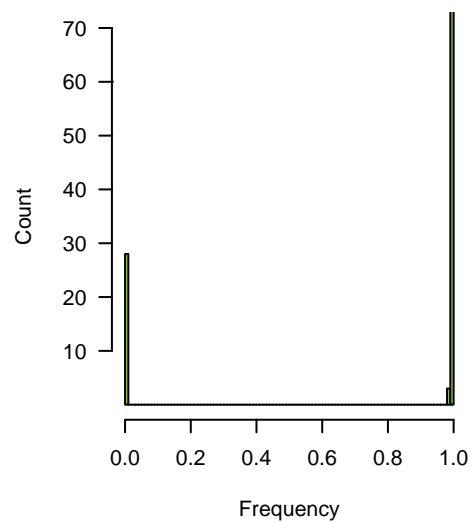
**RT site 373
AA 125**



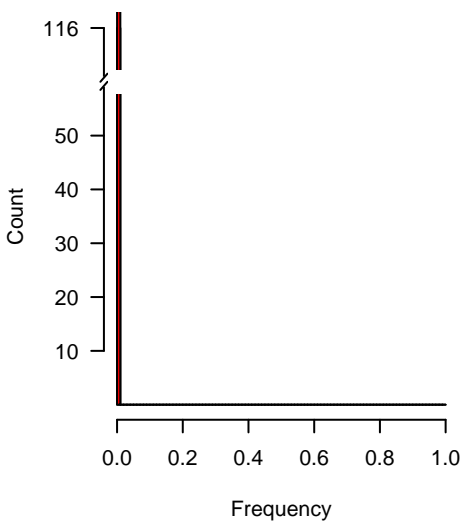
**RT site 374
AA 125**



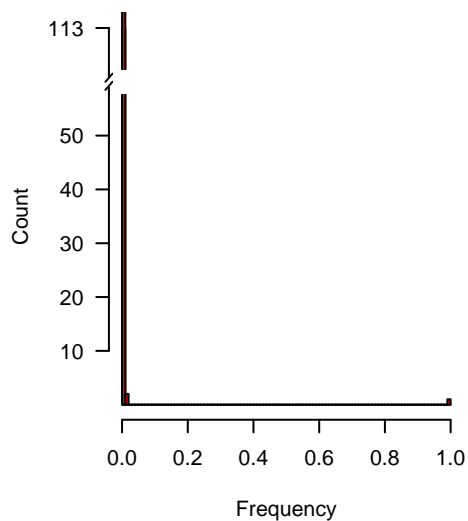
**RT site 375
AA 125**



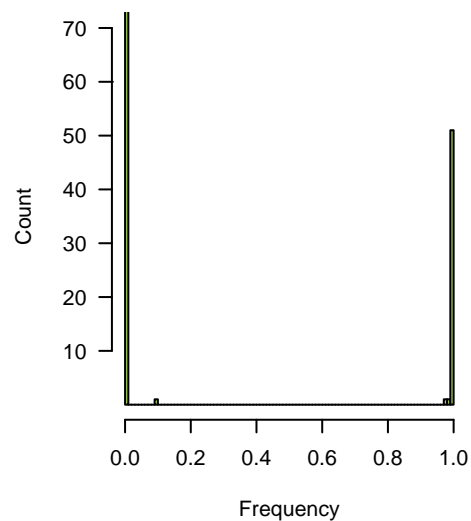
**RT site 376
AA 126**



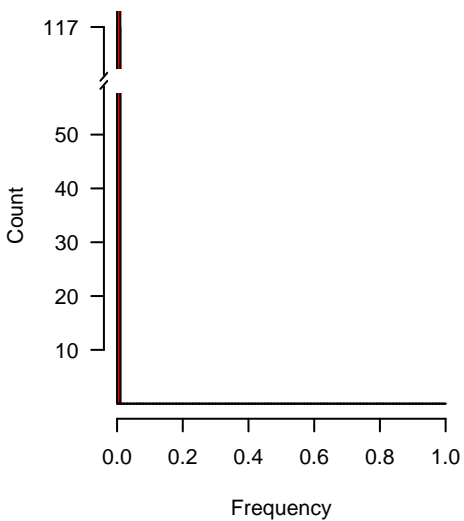
**RT site 377
AA 126**



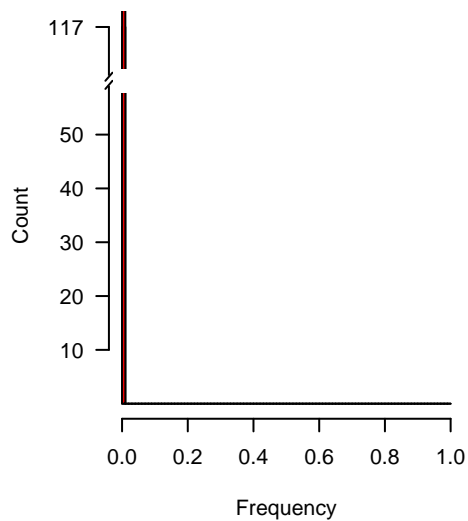
**RT site 378
AA 126**



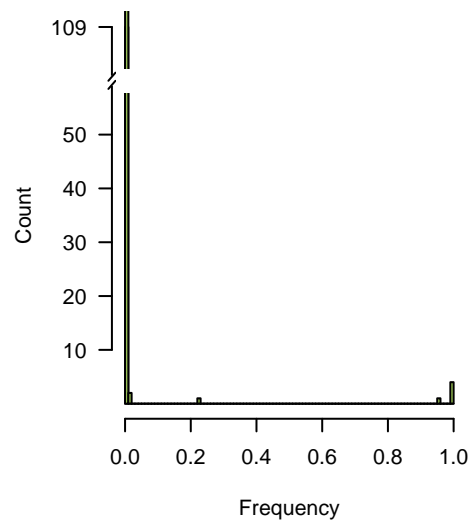
**RT site 379
AA 127**



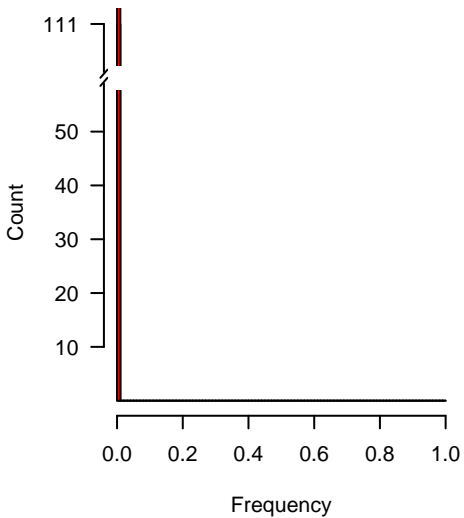
**RT site 380
AA 127**



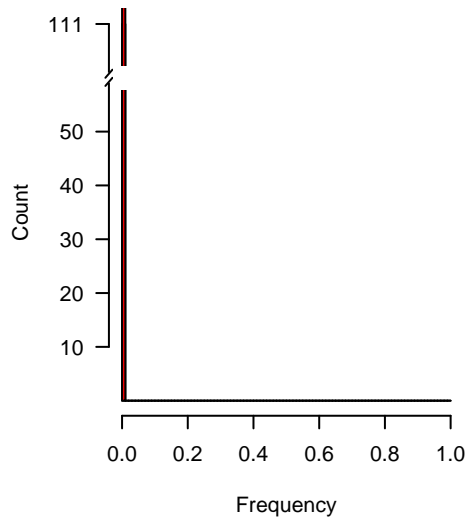
**RT site 381
AA 127**



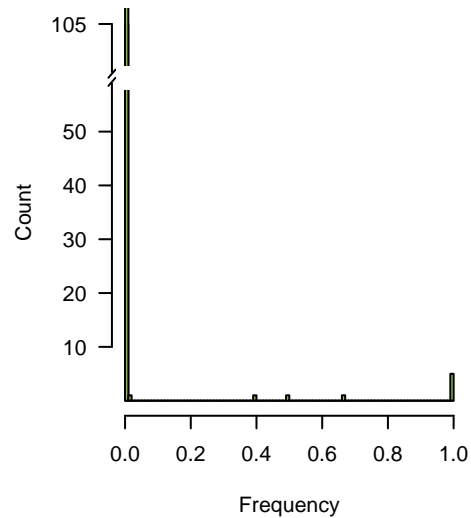
**RT site 382
AA 128**



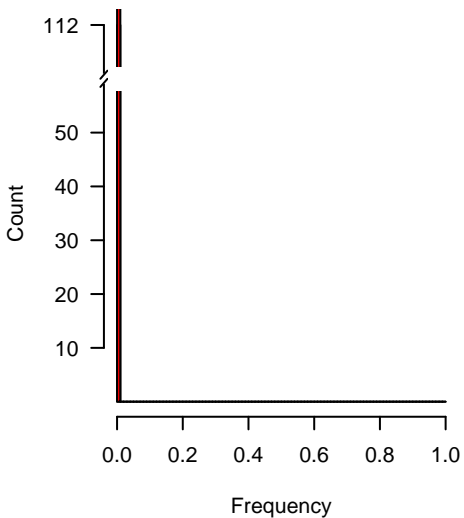
**RT site 383
AA 128**



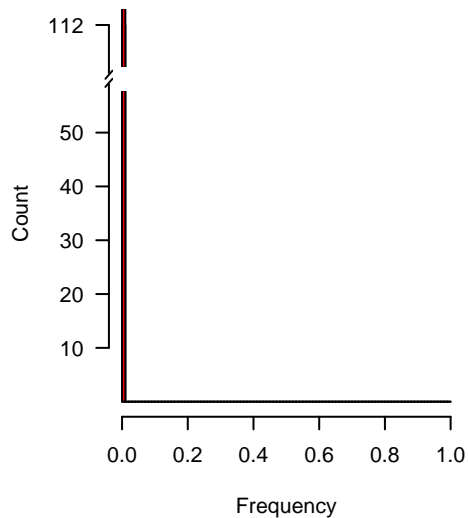
**RT site 384
AA 128**



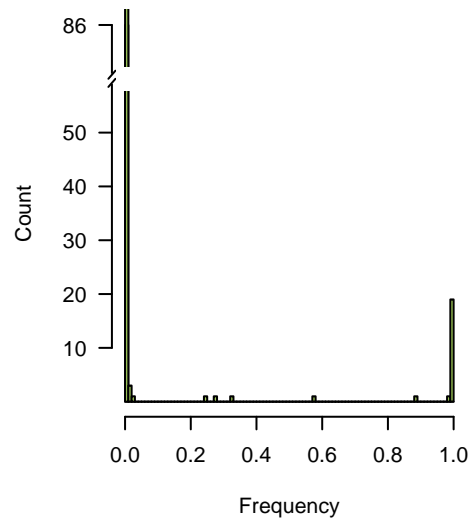
**RT site 385
AA 129**



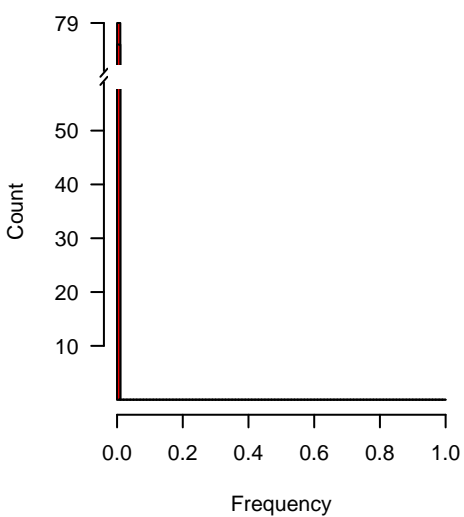
**RT site 386
AA 129**



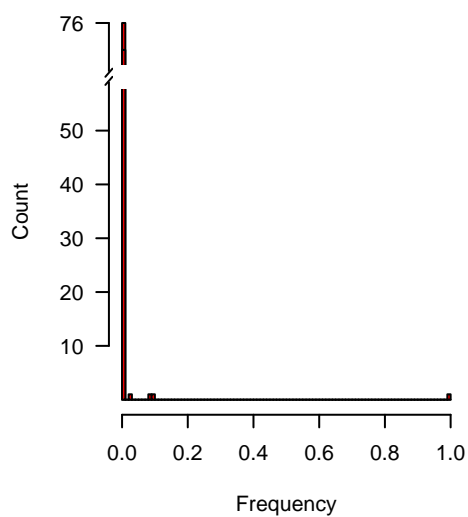
**RT site 387
AA 129**



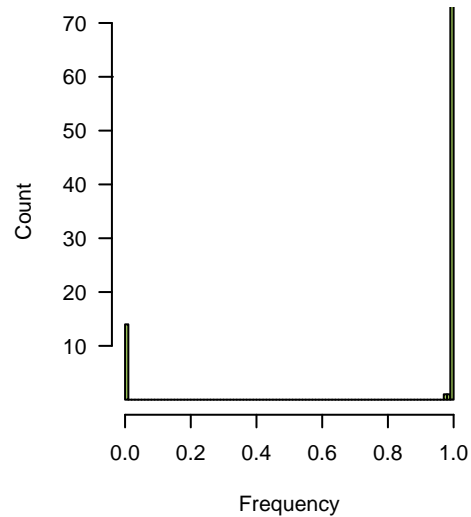
**RT site 388
AA 130**



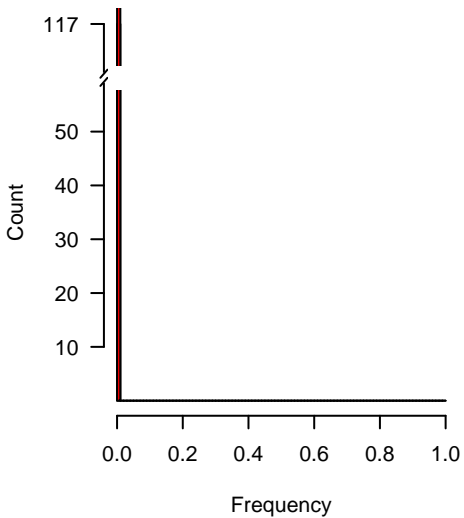
**RT site 389
AA 130**



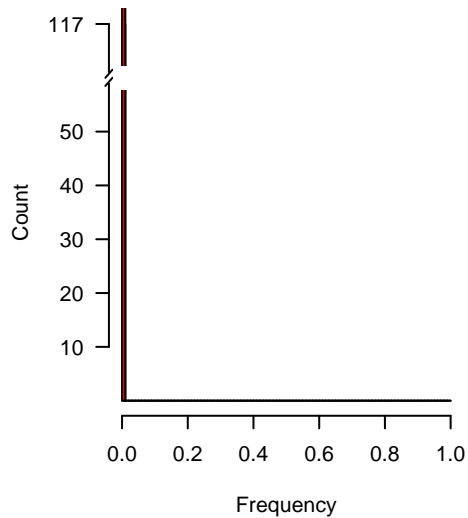
**RT site 390
AA 130**



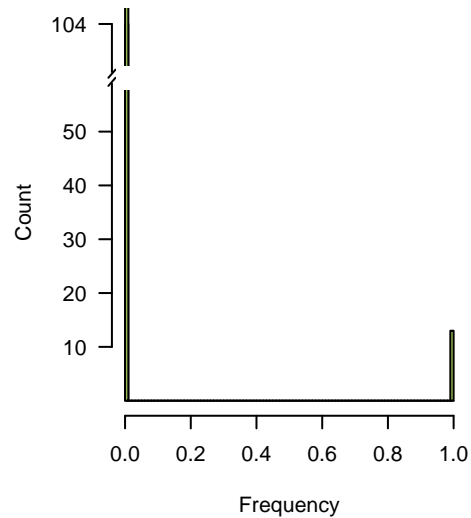
**RT site 391
AA 131**



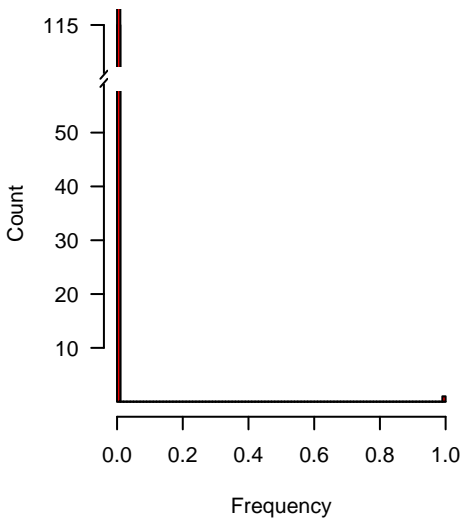
**RT site 392
AA 131**



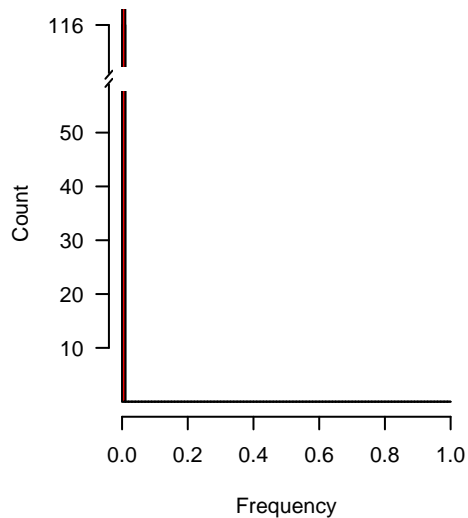
**RT site 393
AA 131**



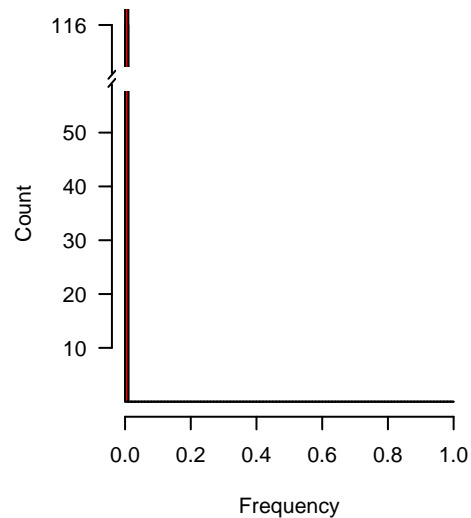
**RT site 394
AA 132**



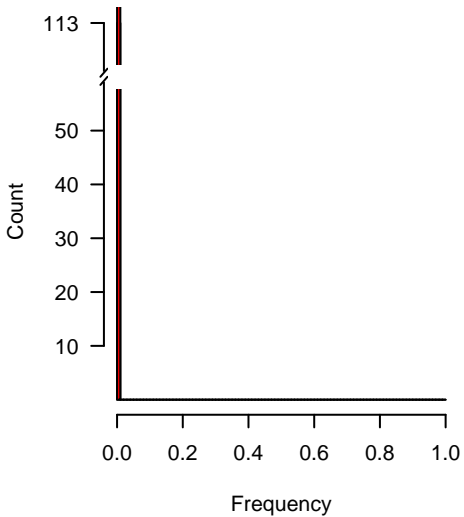
**RT site 395
AA 132**



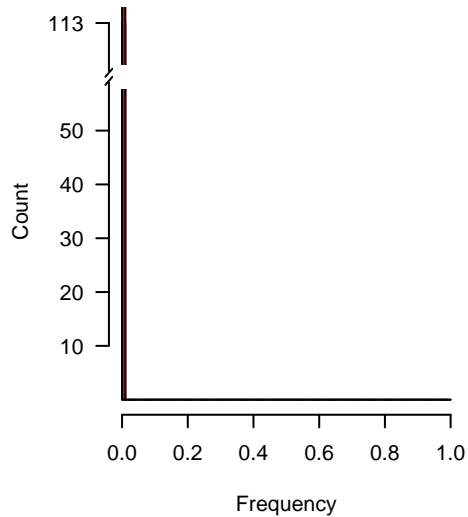
**RT site 396
AA 132**



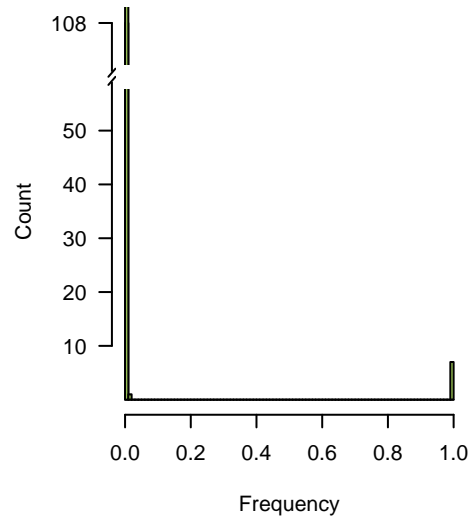
**RT site 397
AA 133**



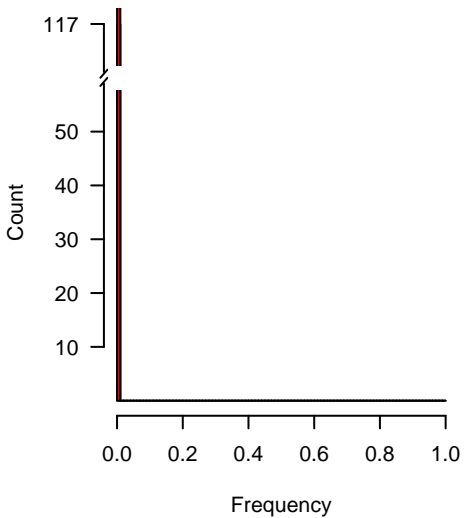
**RT site 398
AA 133**



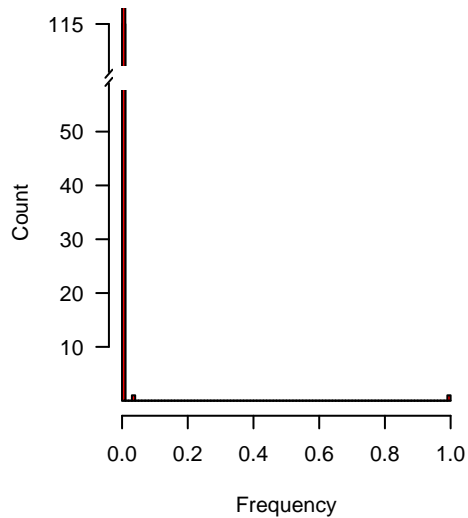
**RT site 399
AA 133**



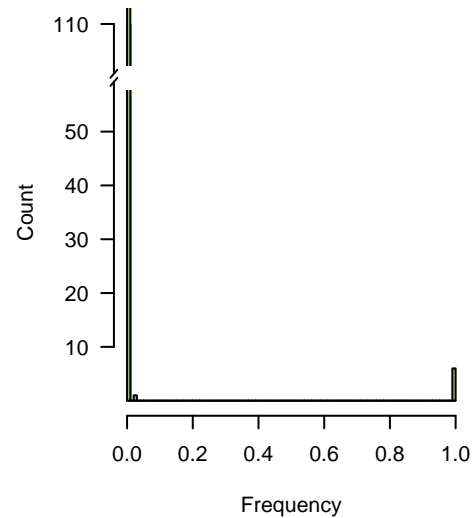
**RT site 400
AA 134**



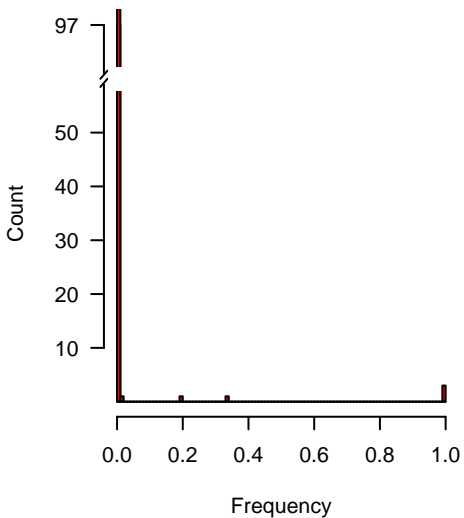
**RT site 401
AA 134**



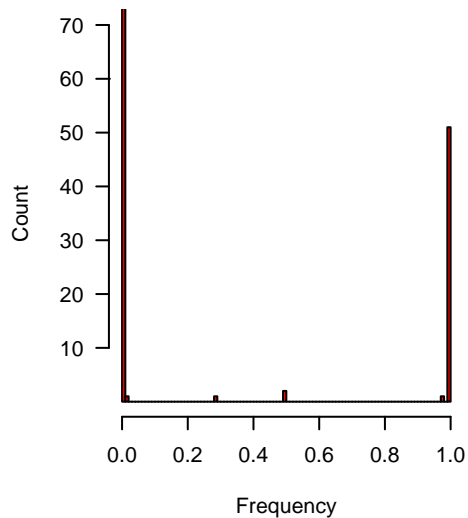
**RT site 402
AA 134**



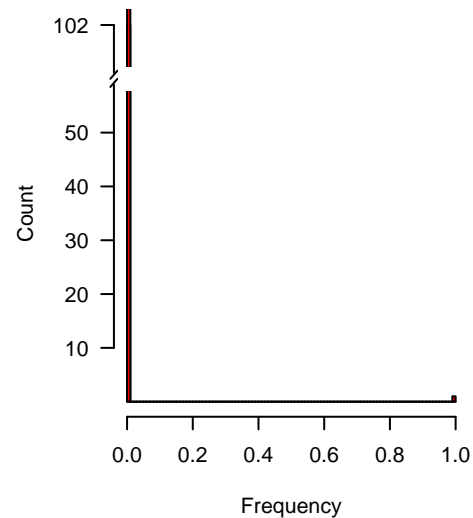
**RT site 403
AA 135**



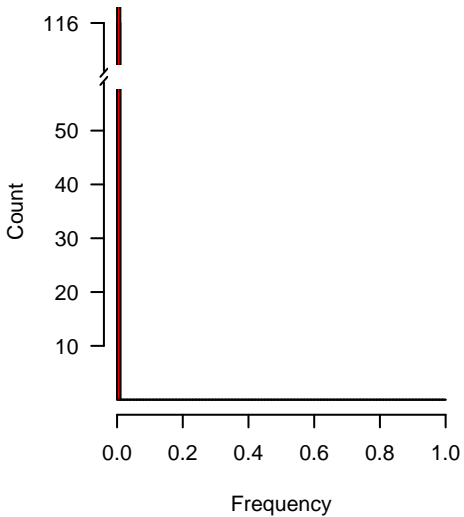
**RT site 404
AA 135**



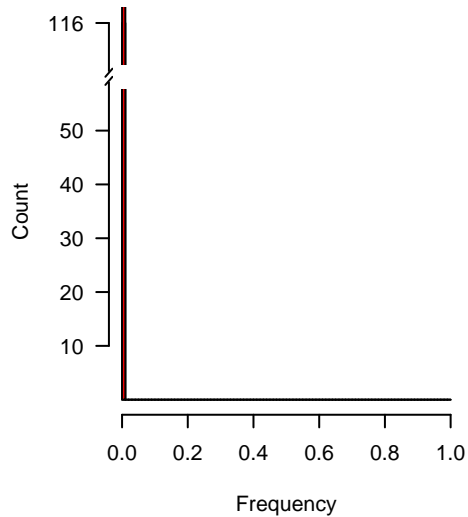
**RT site 405
AA 135**



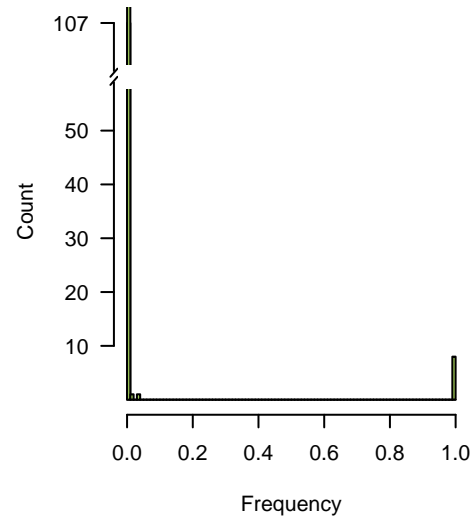
**RT site 406
AA 136**



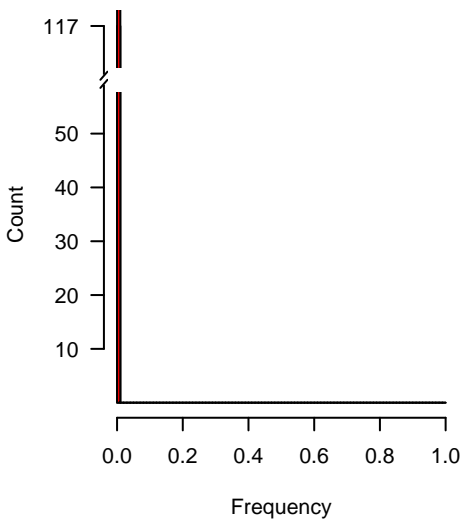
**RT site 407
AA 136**



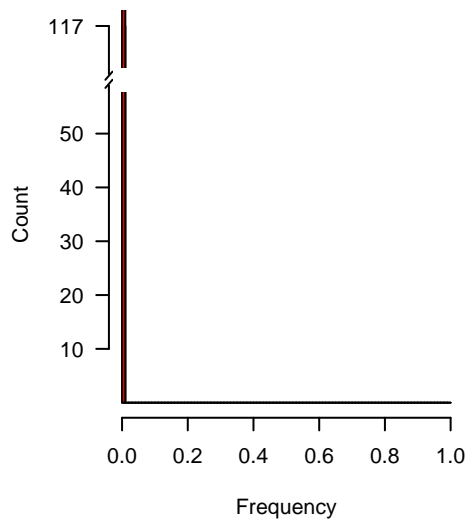
**RT site 408
AA 136**



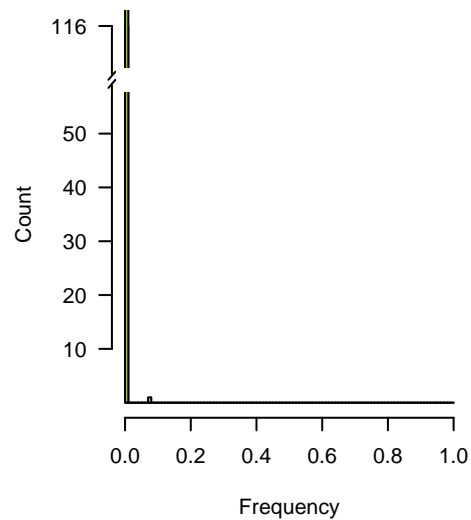
RT site 409
AA 137



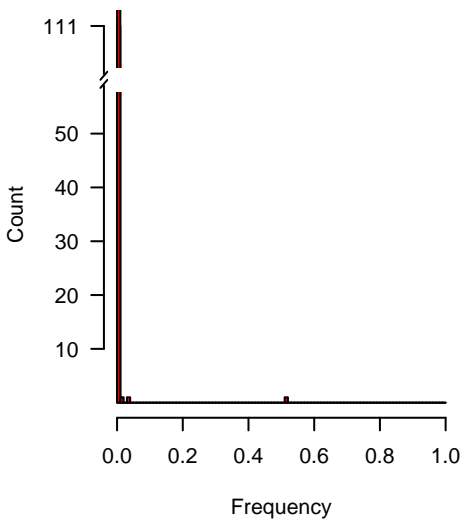
RT site 410
AA 137



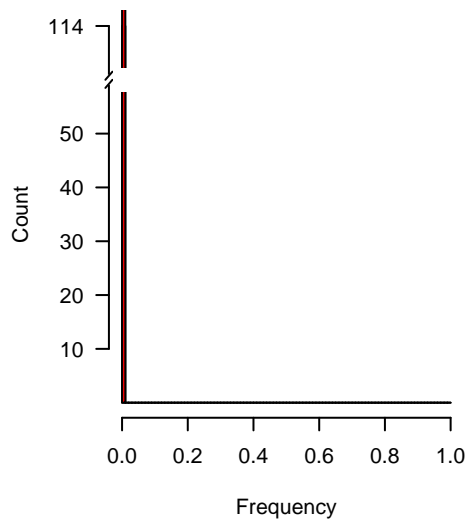
RT site 411
AA 137



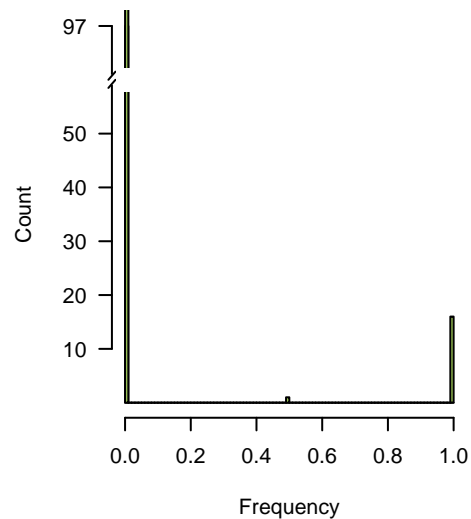
RT site 412
AA 138



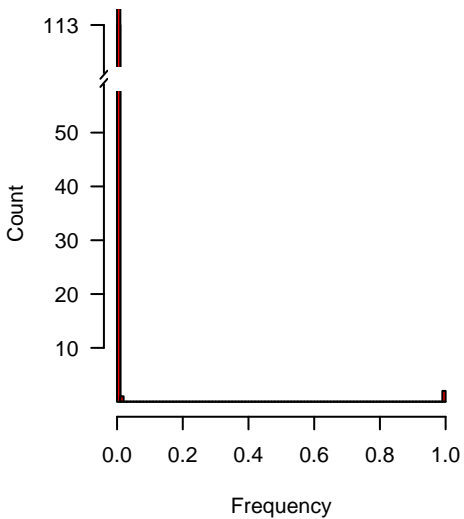
RT site 413
AA 138



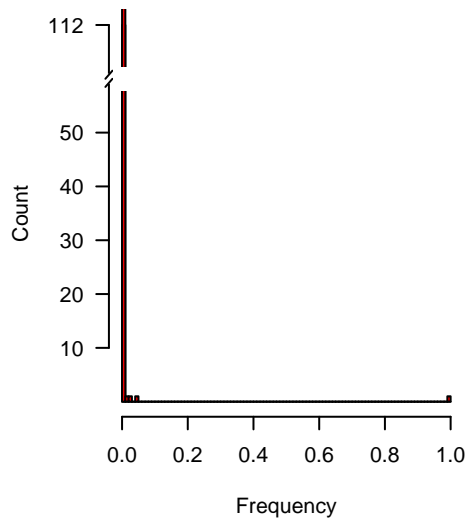
RT site 414
AA 138



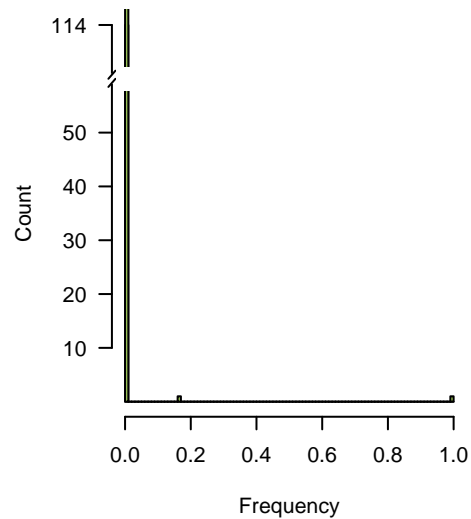
RT site 415
AA 139



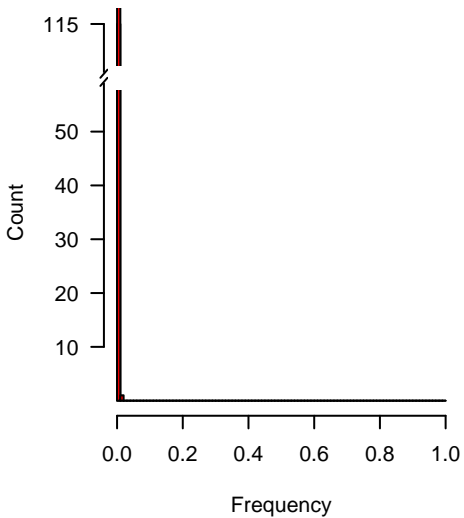
RT site 416
AA 139



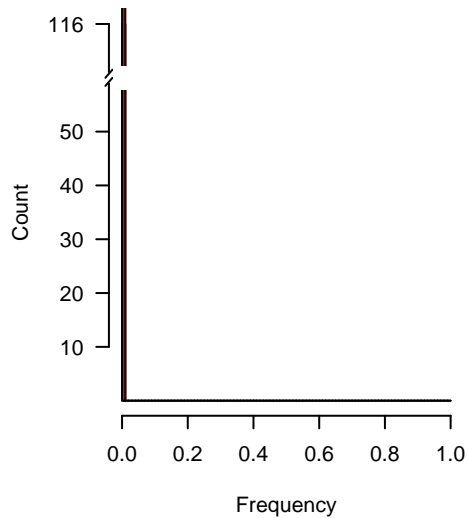
RT site 417
AA 139



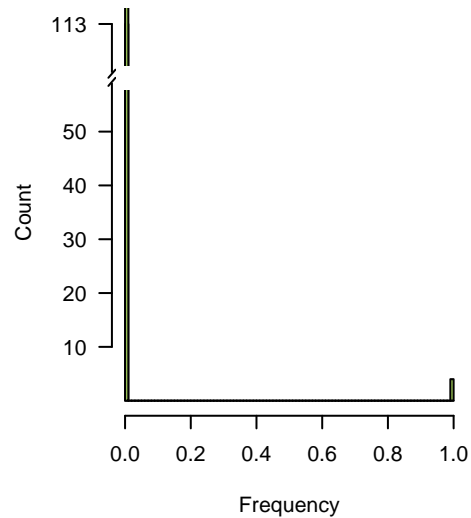
**RT site 418
AA 140**



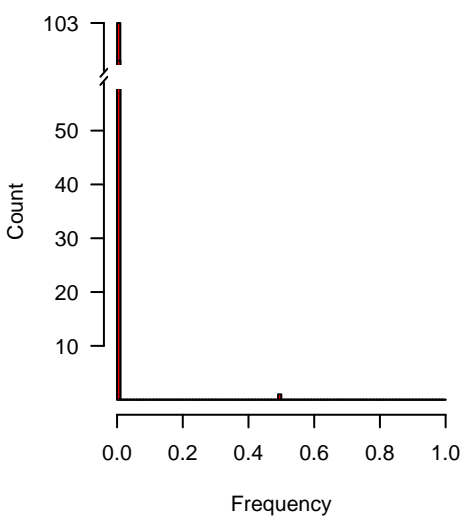
**RT site 419
AA 140**



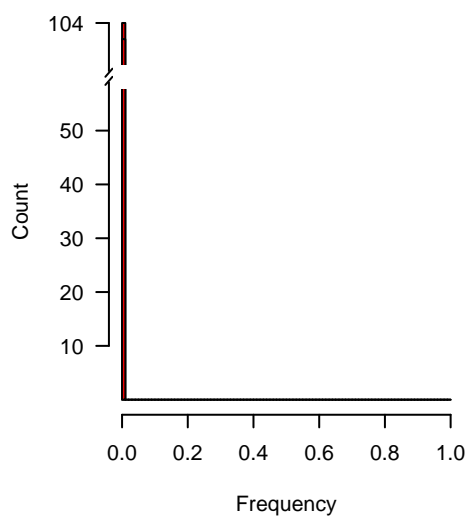
**RT site 420
AA 140**



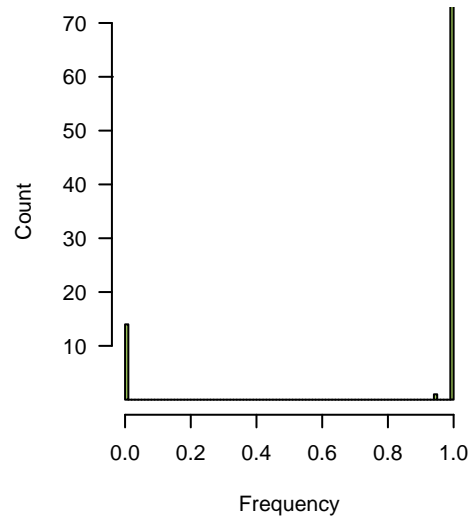
**RT site 421
AA 141**



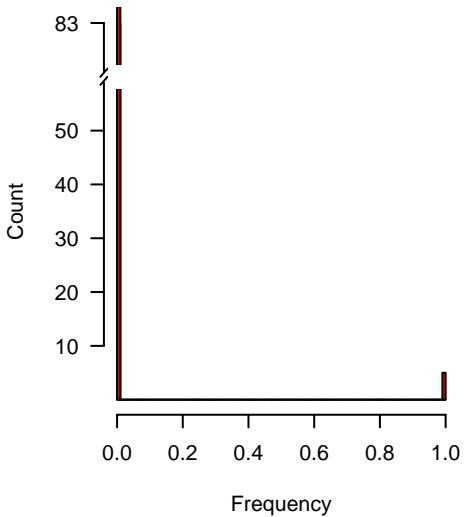
**RT site 422
AA 141**



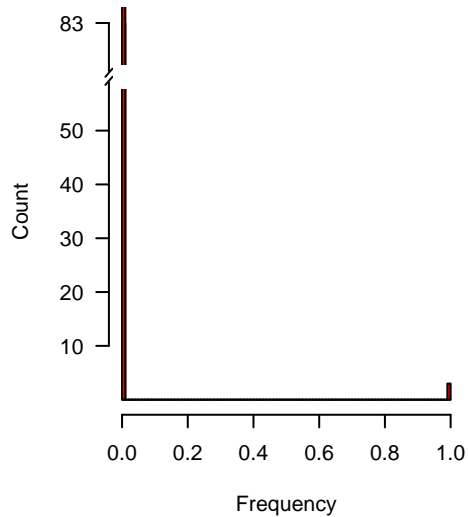
**RT site 423
AA 141**



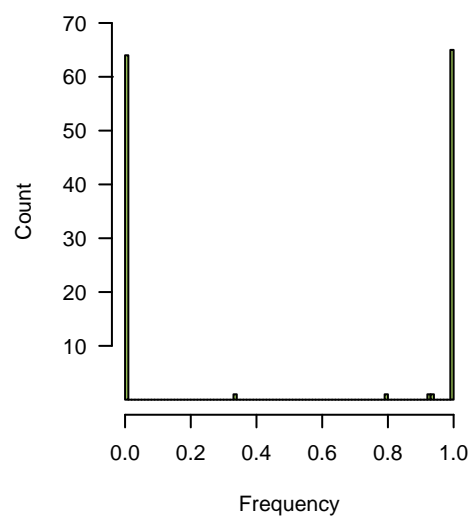
**RT site 424
AA 142**



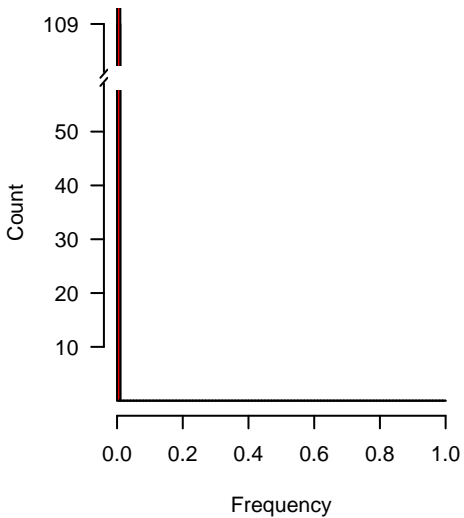
**RT site 425
AA 142**



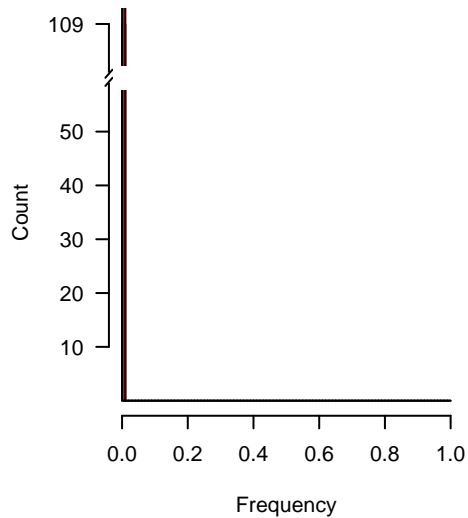
**RT site 426
AA 142**



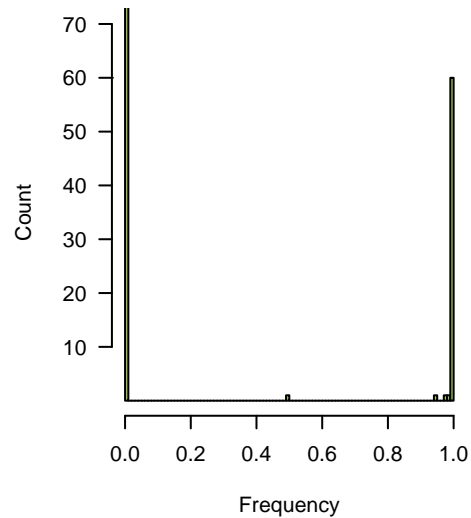
**RT site 427
AA 143**



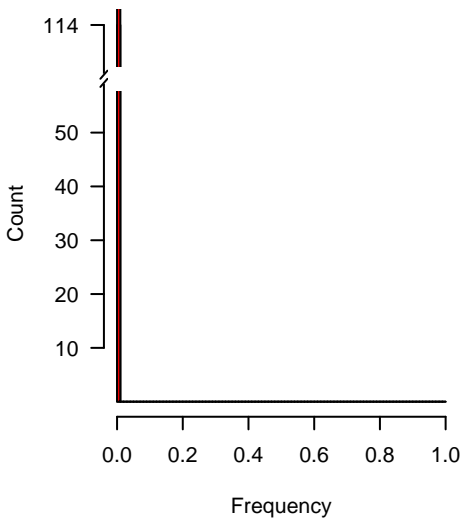
**RT site 428
AA 143**



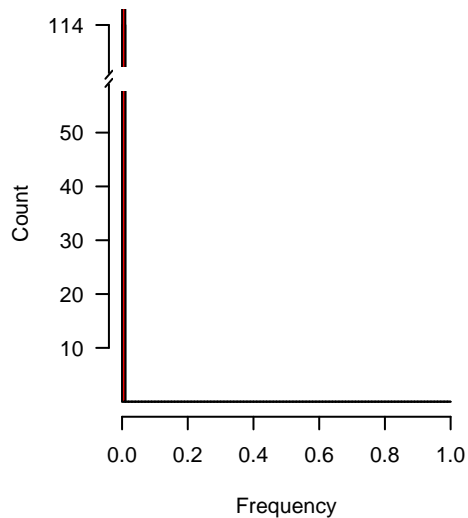
**RT site 429
AA 143**



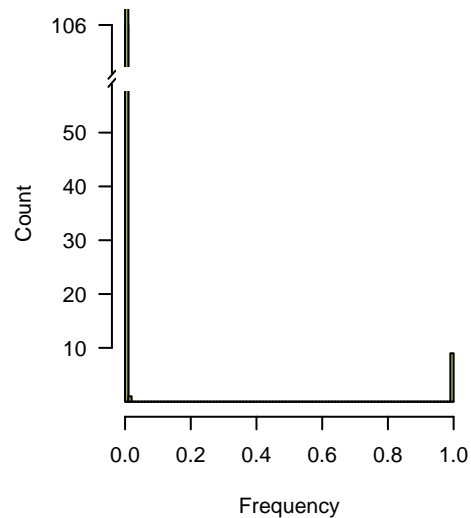
**RT site 430
AA 144**



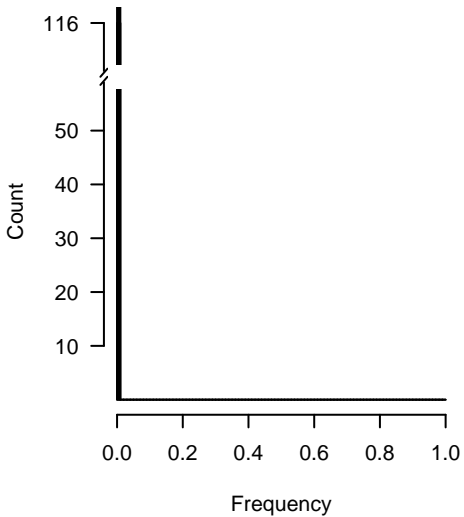
**RT site 431
AA 144**



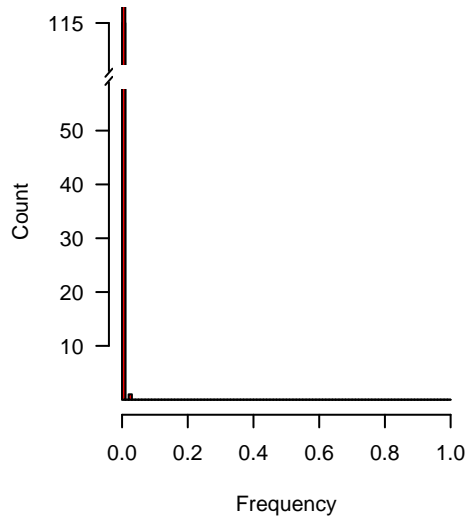
**RT site 432
AA 144**



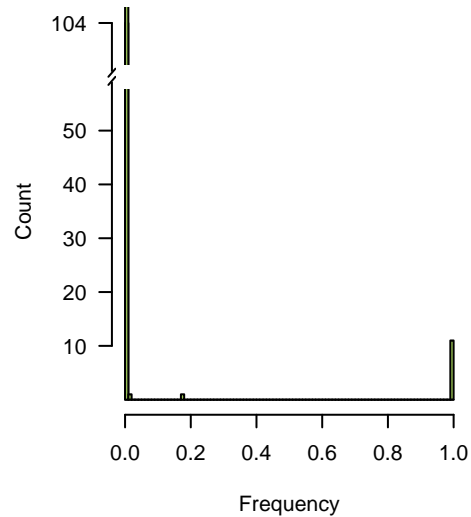
**RT site 433
AA 145**



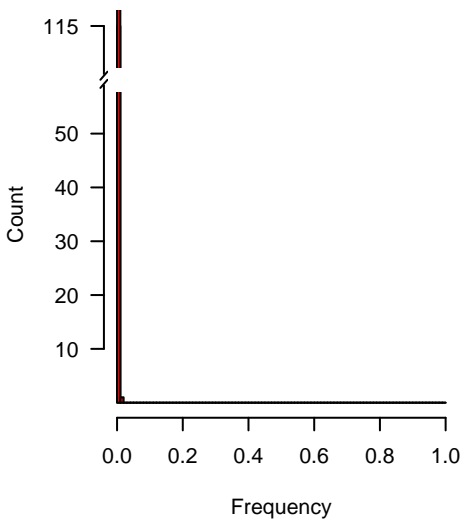
**RT site 434
AA 145**



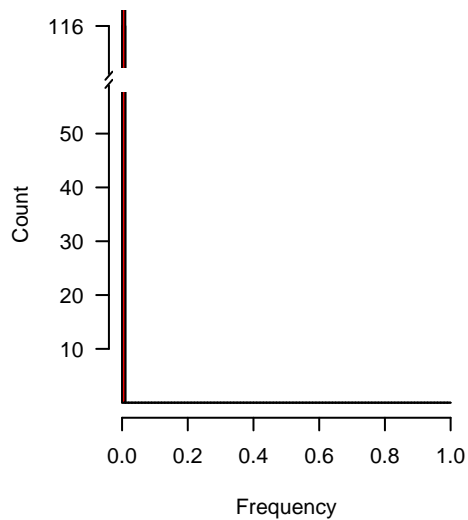
**RT site 435
AA 145**



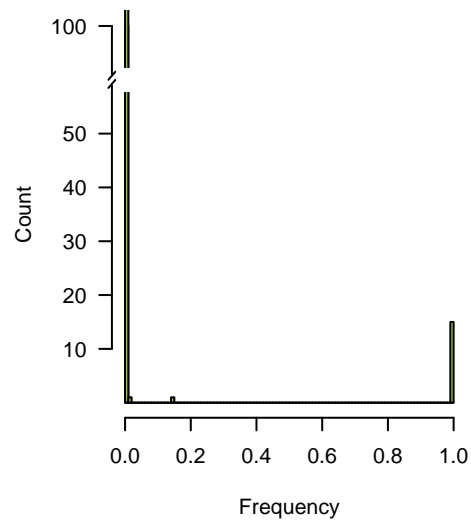
**RT site 436
AA 146**



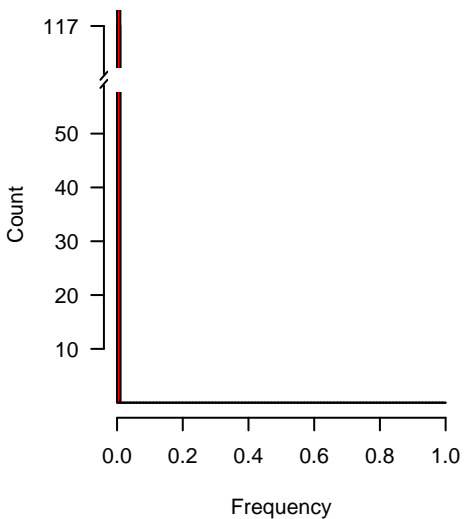
**RT site 437
AA 146**



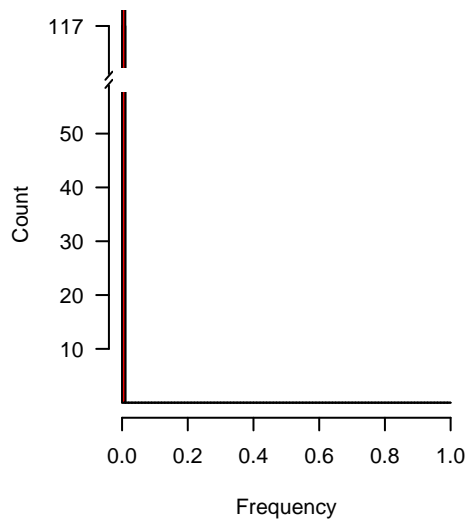
**RT site 438
AA 146**



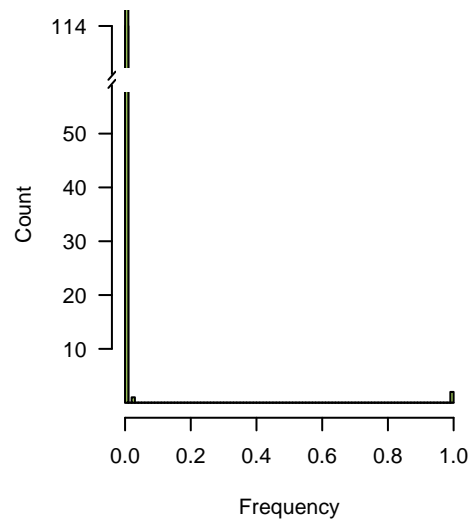
**RT site 439
AA 147**



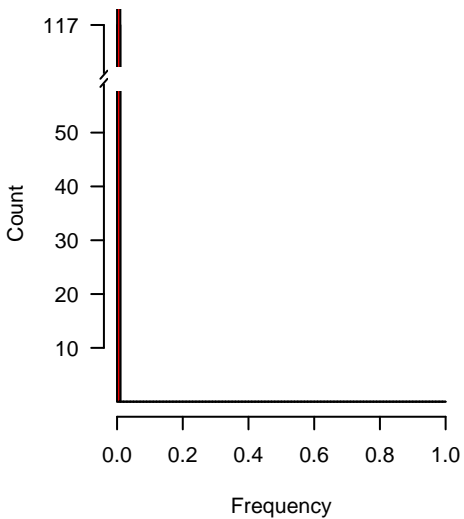
**RT site 440
AA 147**



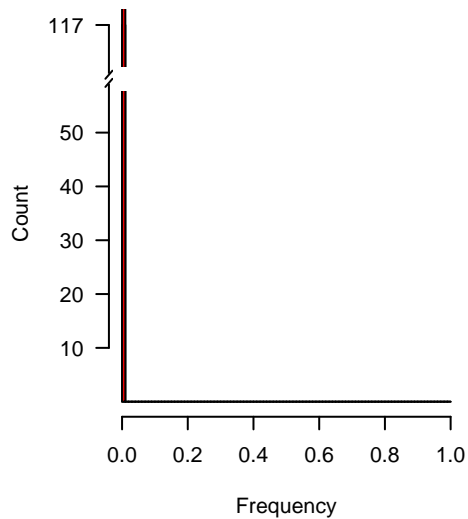
**RT site 441
AA 147**



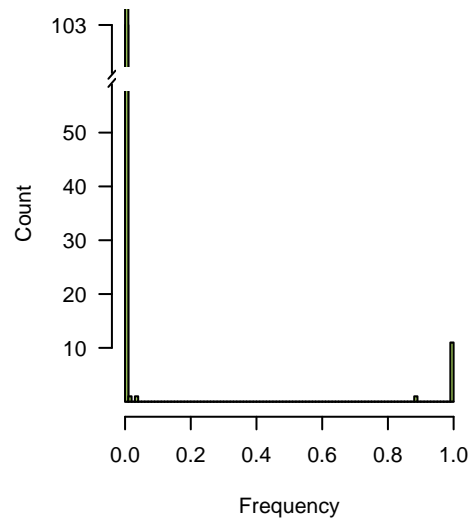
**RT site 442
AA 148**



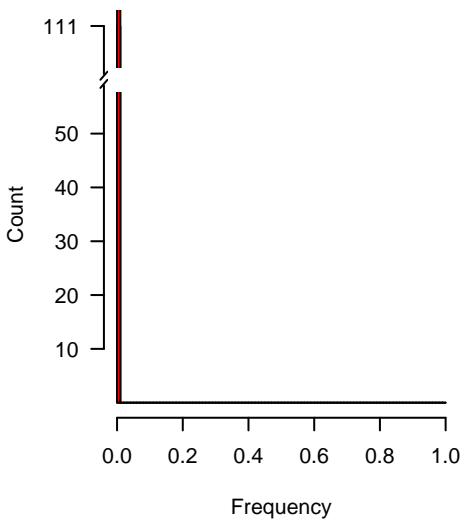
**RT site 443
AA 148**



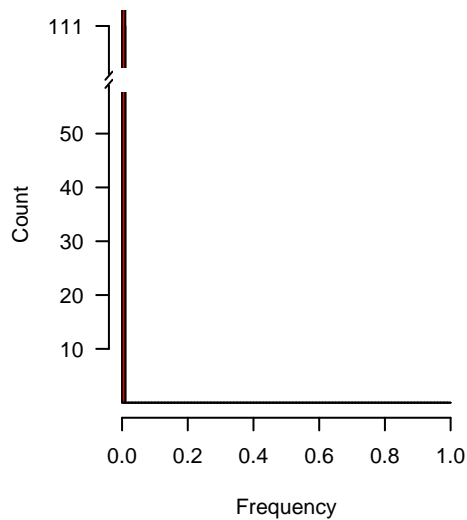
**RT site 444
AA 148**



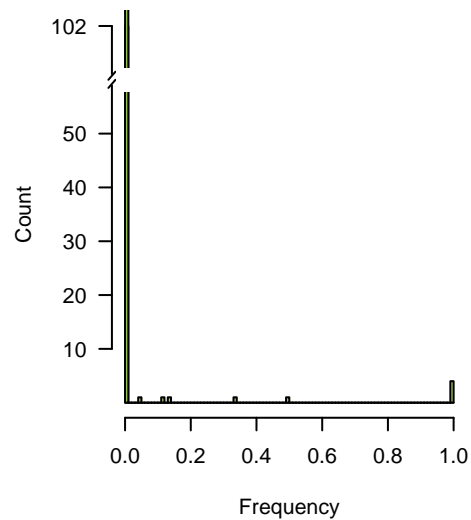
**RT site 445
AA 149**



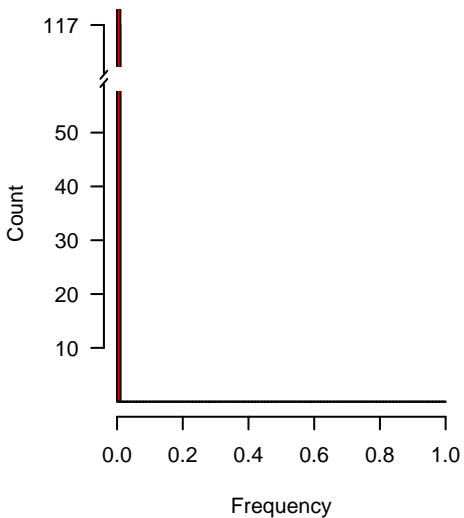
**RT site 446
AA 149**



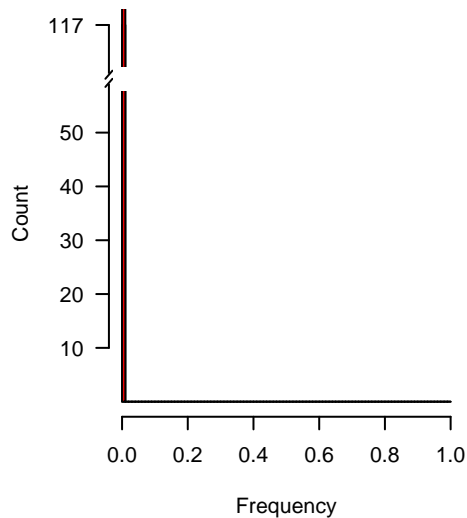
**RT site 447
AA 149**



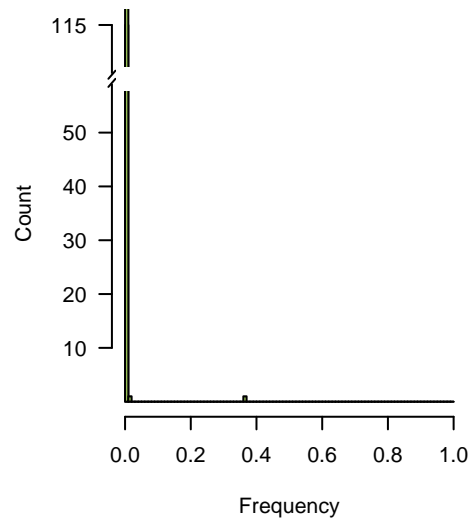
**RT site 448
AA 150**



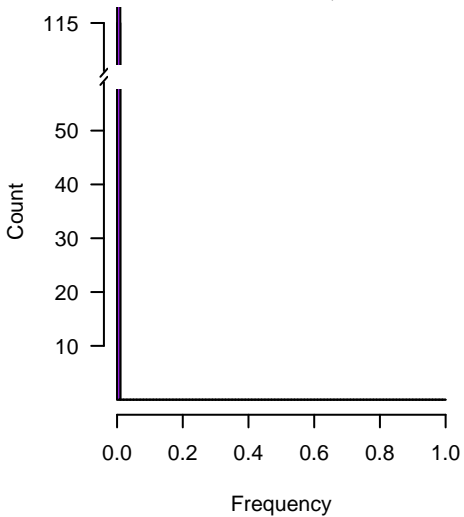
**RT site 449
AA 150**



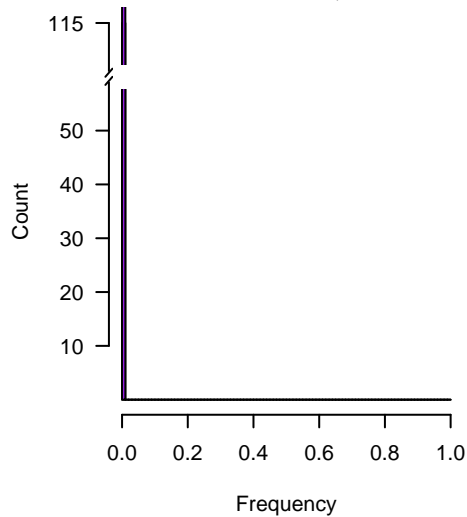
**RT site 450
AA 150**



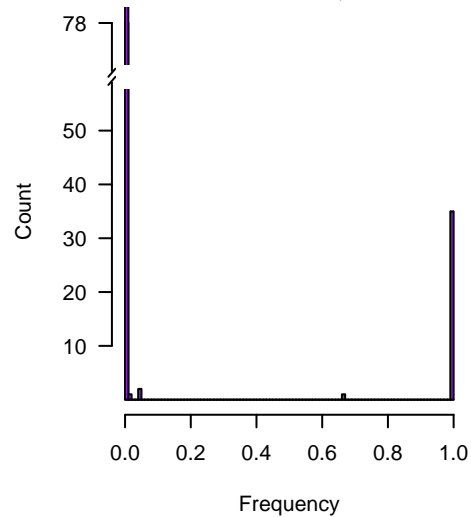
**RT site 451
AA 151
resistance codon, excluded**



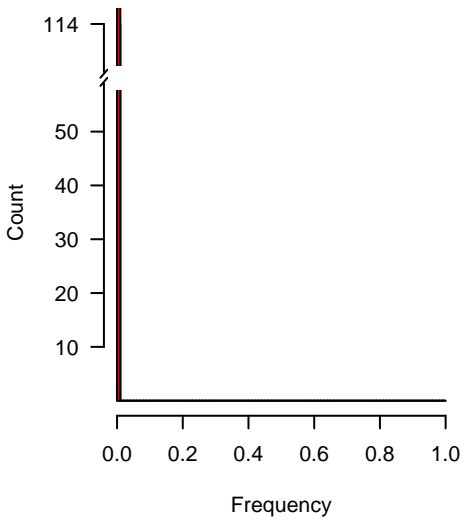
**RT site 452
AA 151
resistance codon, excluded**



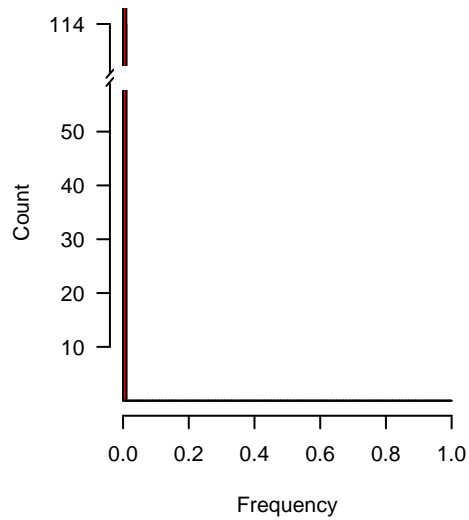
**RT site 453
AA 151
resistance codon, excluded**



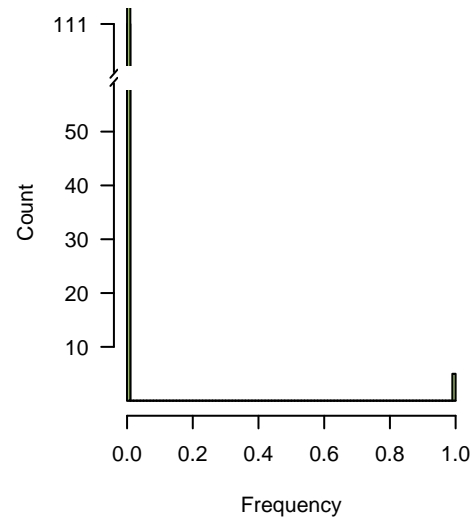
**RT site 454
AA 152**



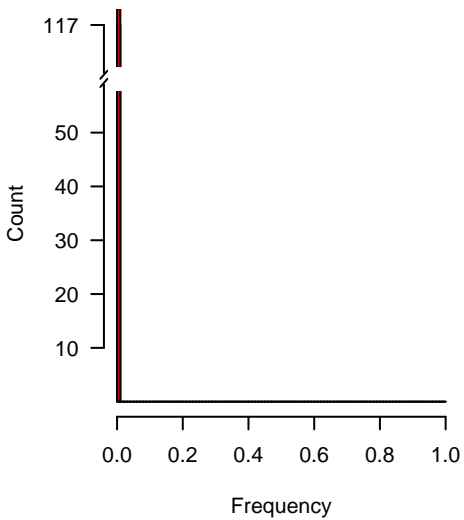
**RT site 455
AA 152**



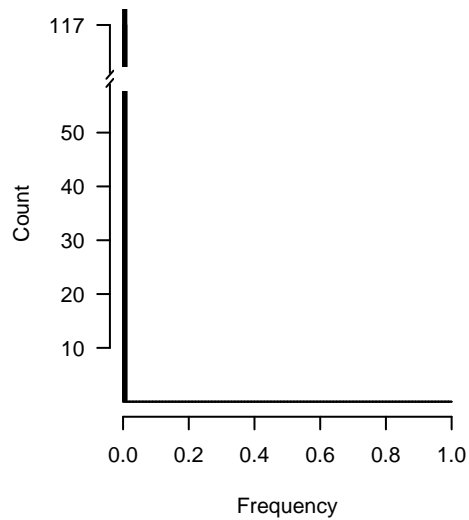
**RT site 456
AA 152**



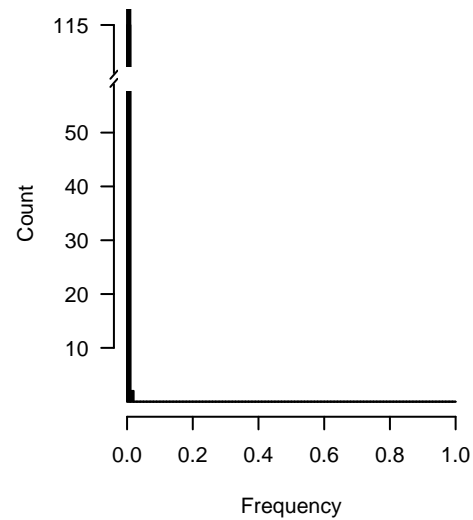
**RT site 457
AA 153**



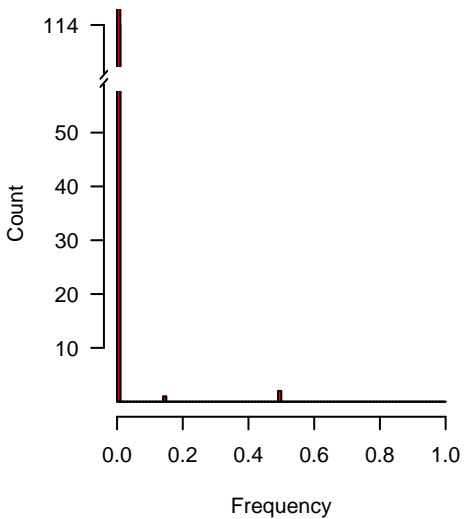
**RT site 458
AA 153**



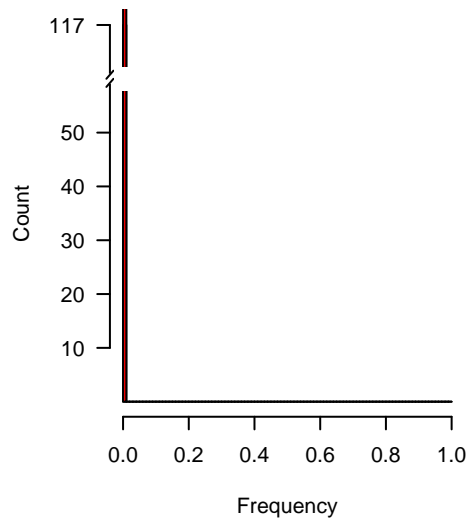
**RT site 459
AA 153**



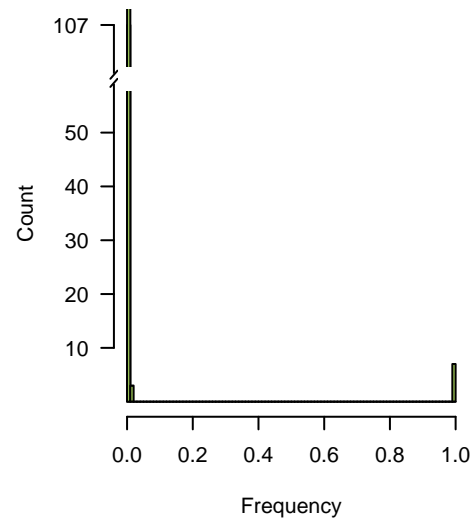
**RT site 460
AA 154**



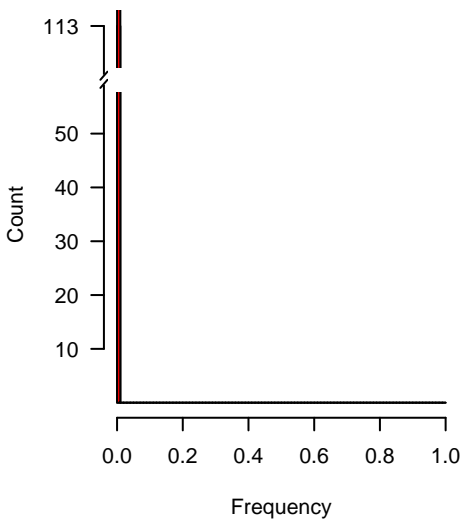
**RT site 461
AA 154**



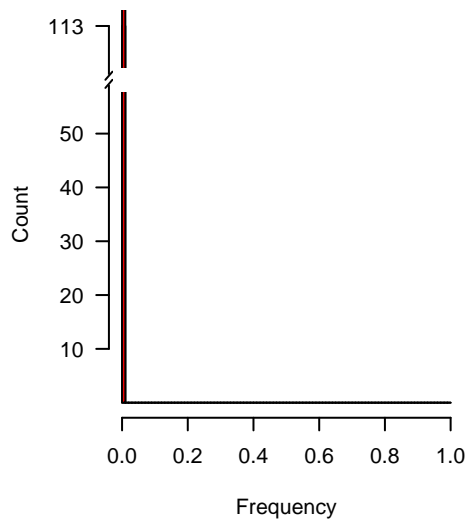
**RT site 462
AA 154**



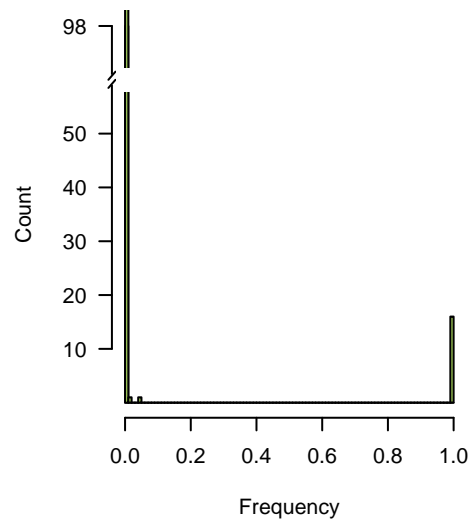
**RT site 463
AA 155**



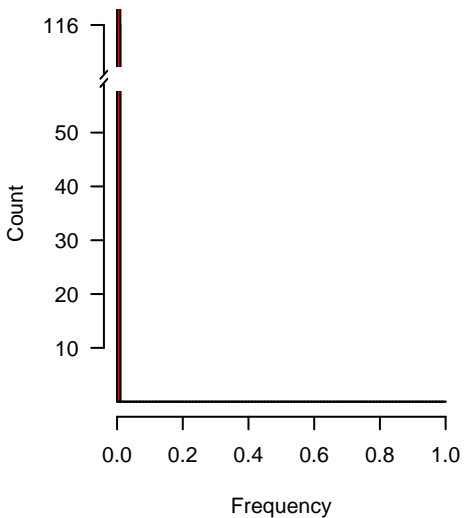
**RT site 464
AA 155**



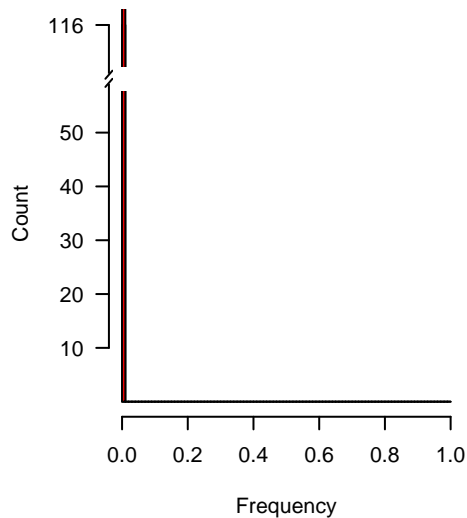
**RT site 465
AA 155**



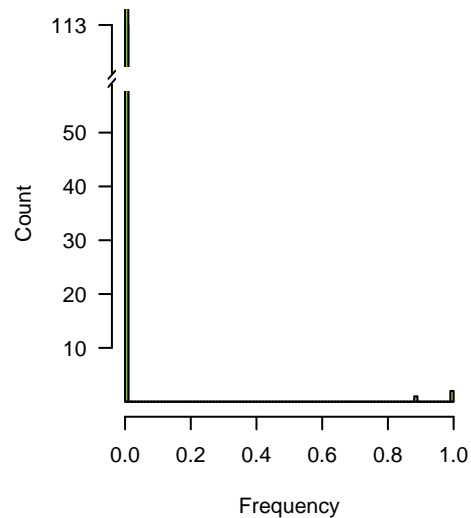
**RT site 466
AA 156**



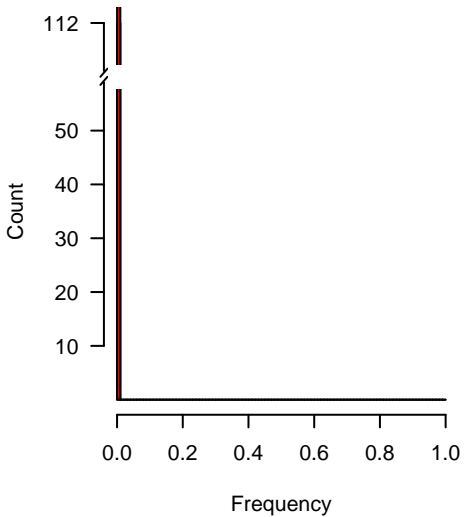
**RT site 467
AA 156**



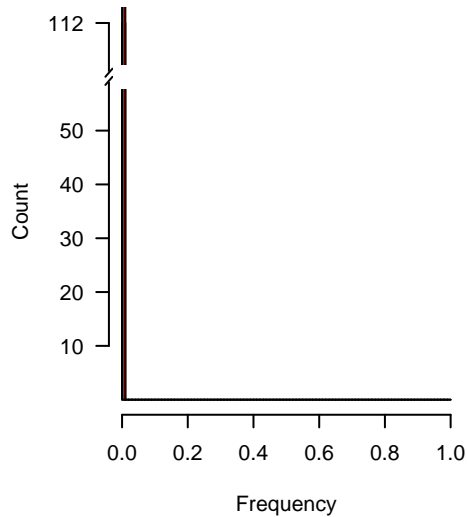
**RT site 468
AA 156**



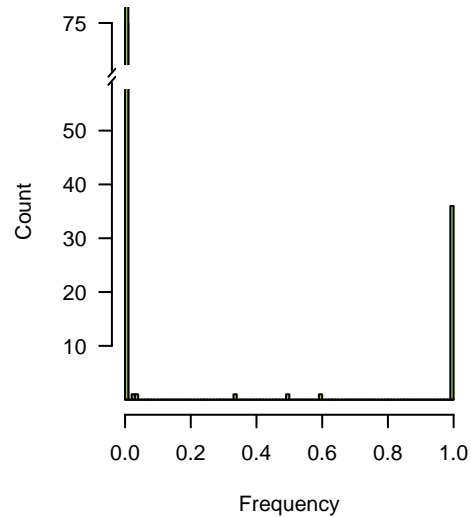
**RT site 469
AA 157**



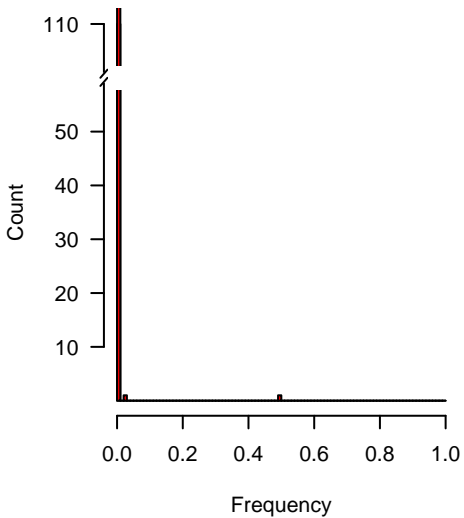
**RT site 470
AA 157**



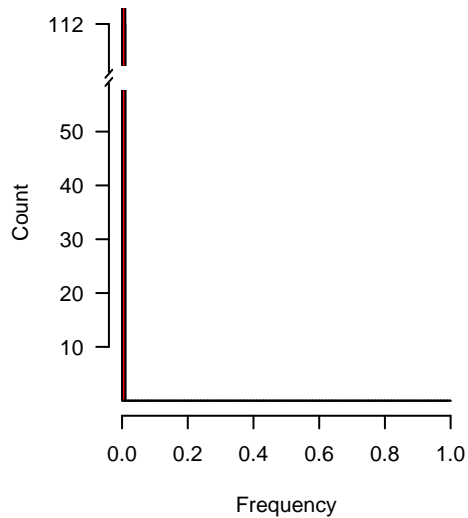
**RT site 471
AA 157**



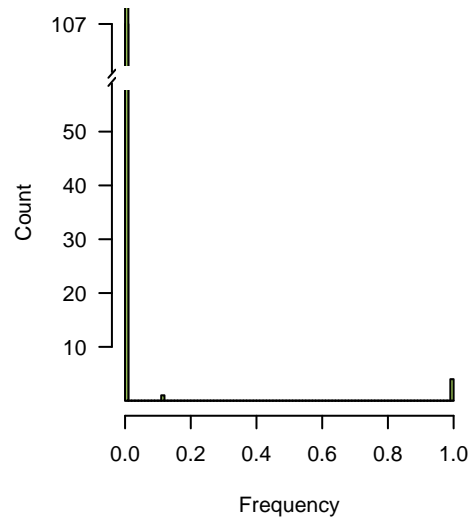
**RT site 472
AA 158**



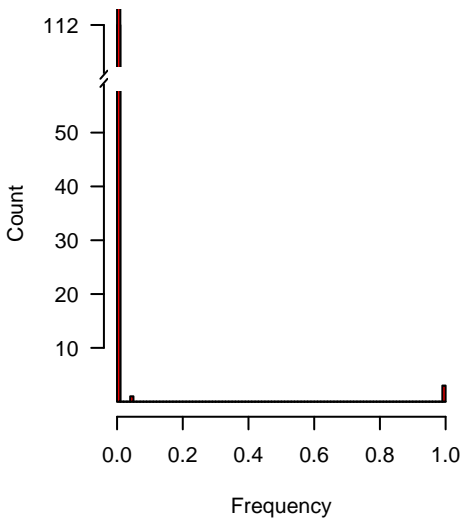
**RT site 473
AA 158**



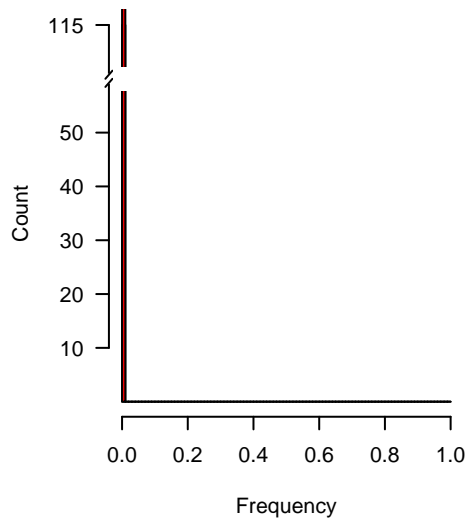
**RT site 474
AA 158**



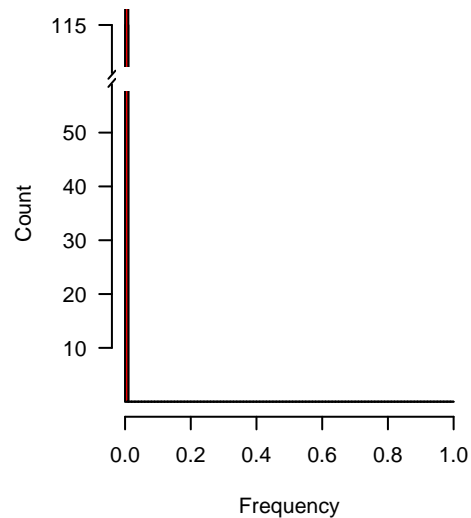
**RT site 475
AA 159**



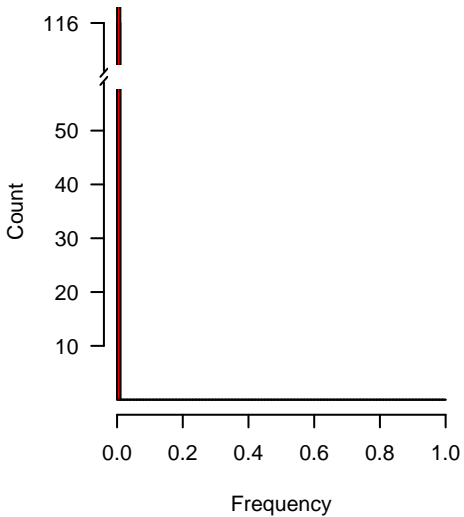
**RT site 476
AA 159**



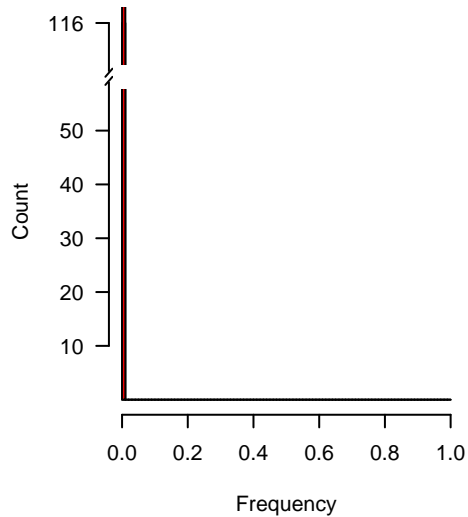
**RT site 477
AA 159**



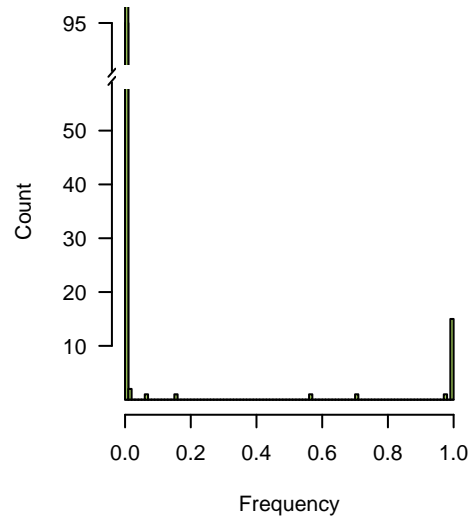
**RT site 478
AA 160**



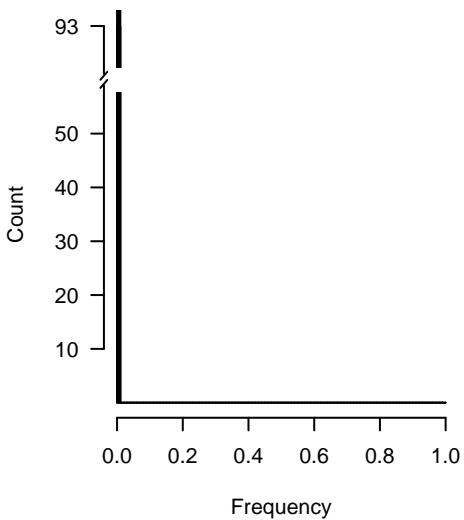
**RT site 479
AA 160**



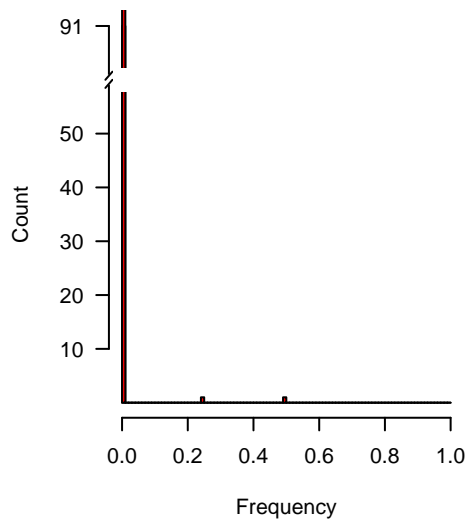
**RT site 480
AA 160**



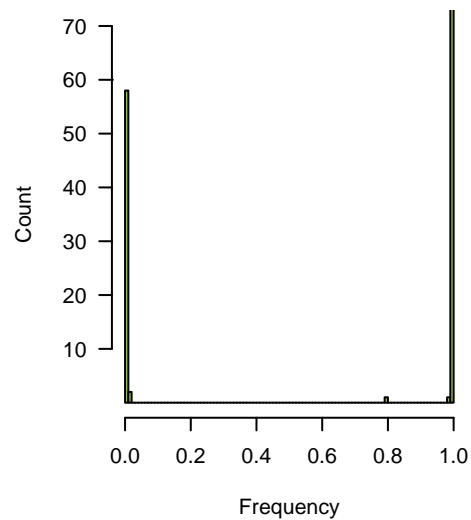
**RT site 481
AA 161**



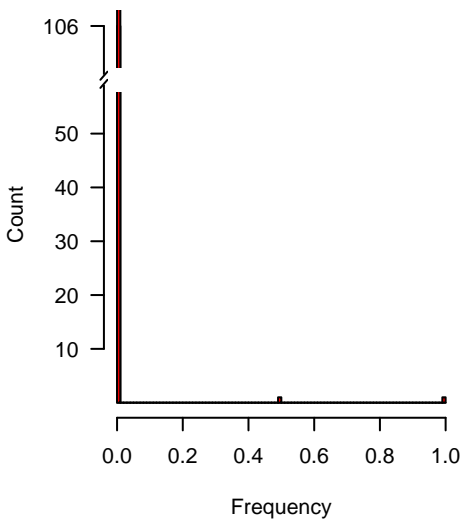
**RT site 482
AA 161**



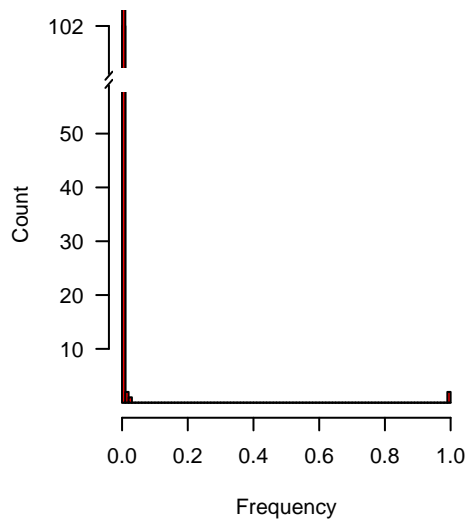
**RT site 483
AA 161**



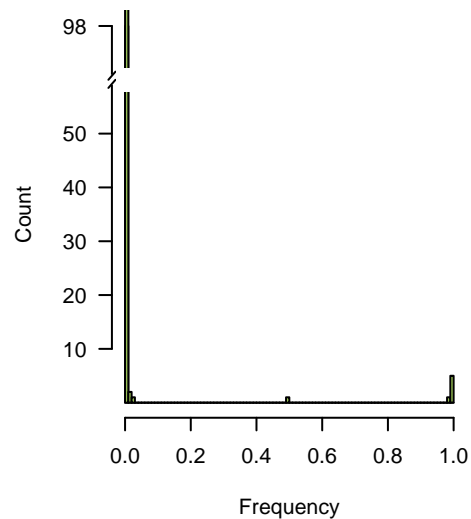
**RT site 484
AA 162**



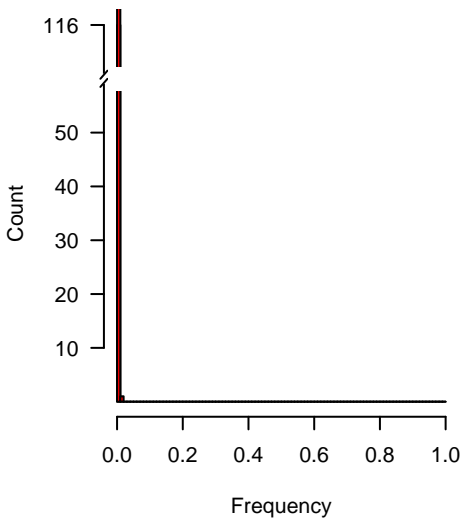
**RT site 485
AA 162**



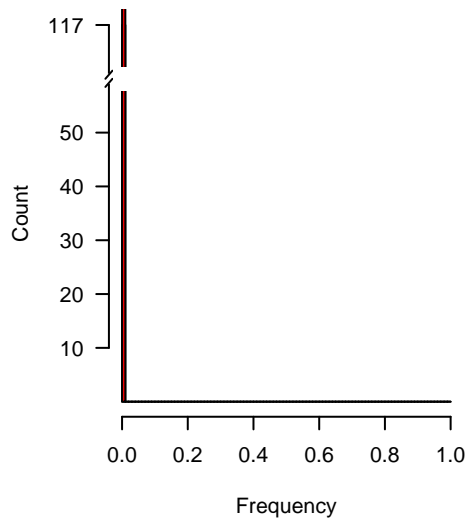
**RT site 486
AA 162**



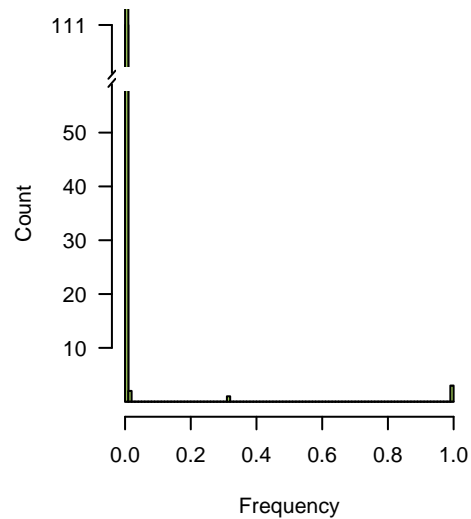
**RT site 487
AA 163**



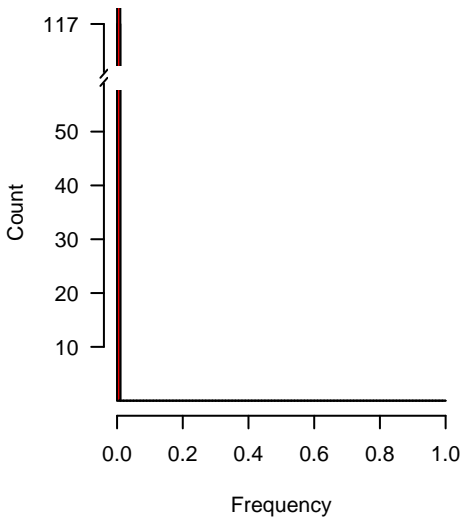
**RT site 488
AA 163**



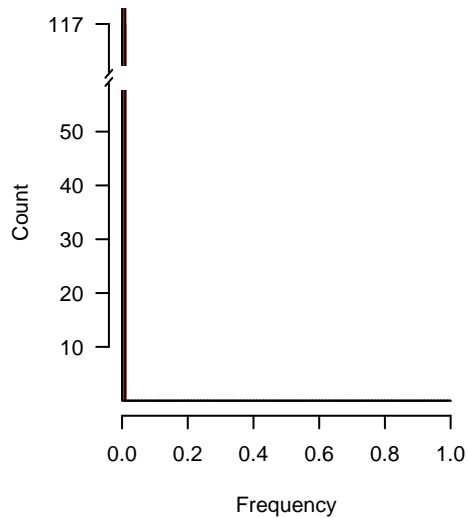
**RT site 489
AA 163**



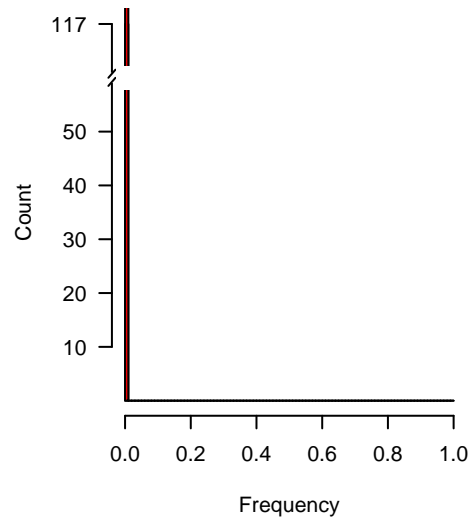
**RT site 490
AA 164**



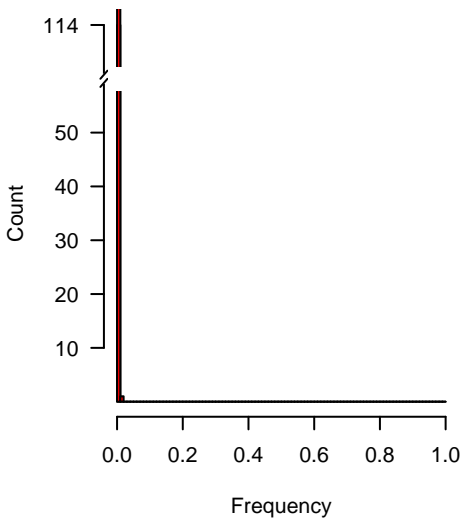
**RT site 491
AA 164**



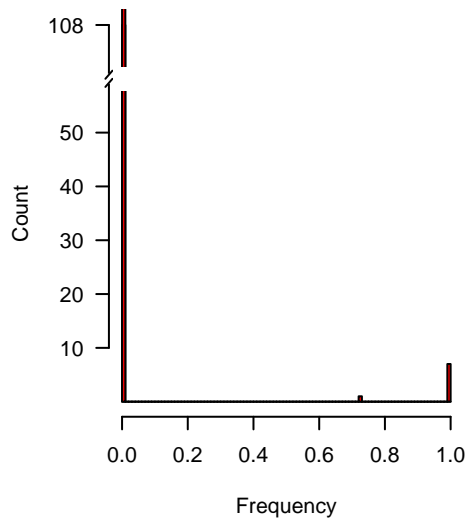
**RT site 492
AA 164**



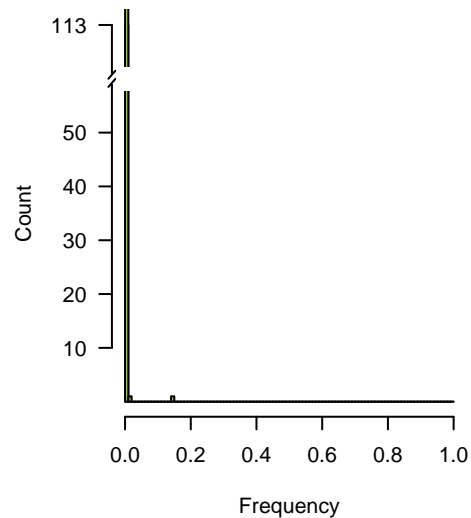
**RT site 493
AA 165**



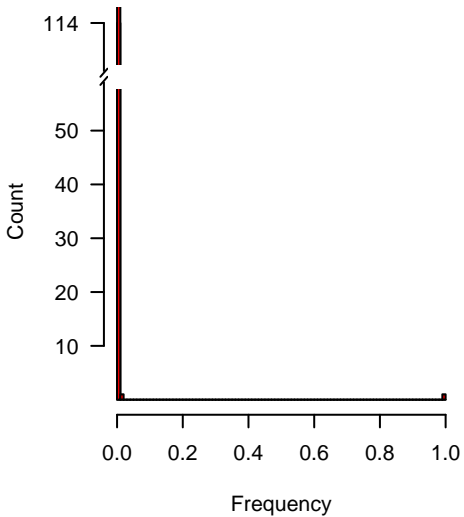
**RT site 494
AA 165**



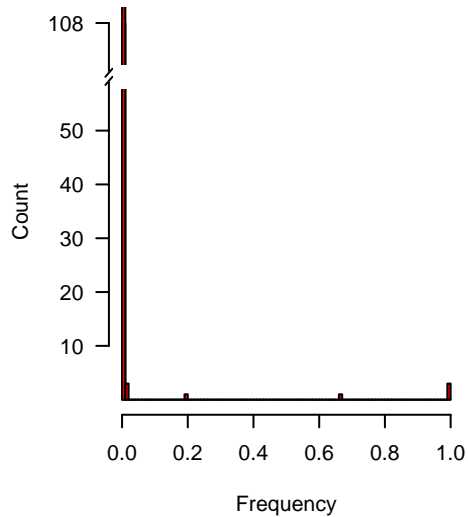
**RT site 495
AA 165**



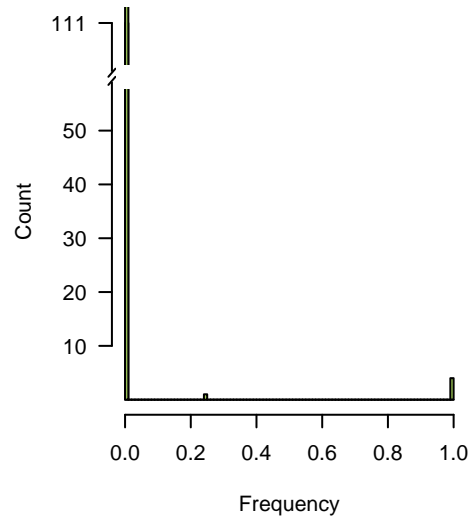
**RT site 496
AA 166**



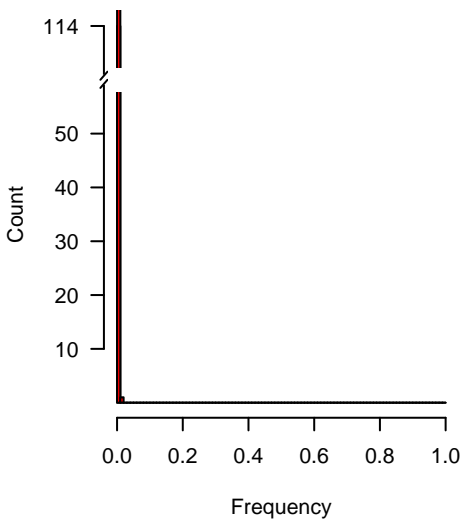
**RT site 497
AA 166**



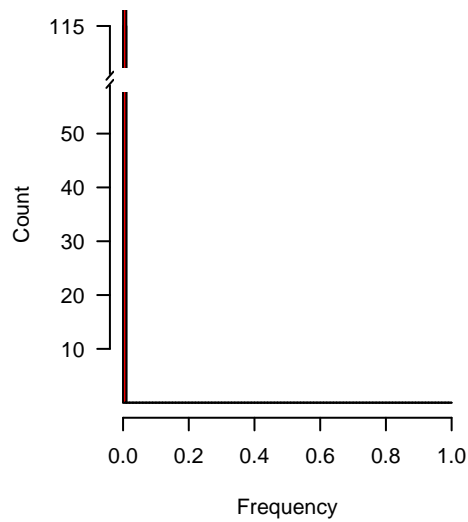
**RT site 498
AA 166**



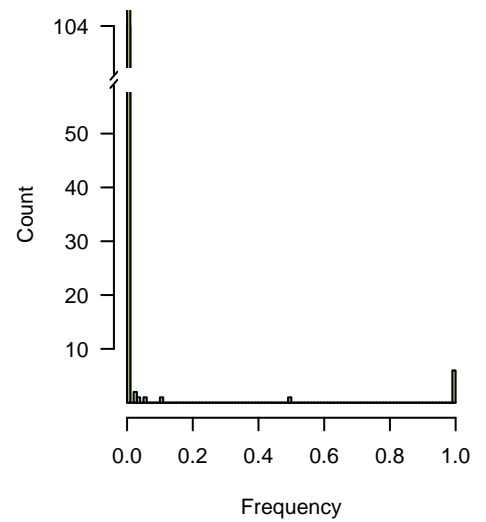
**RT site 499
AA 167**



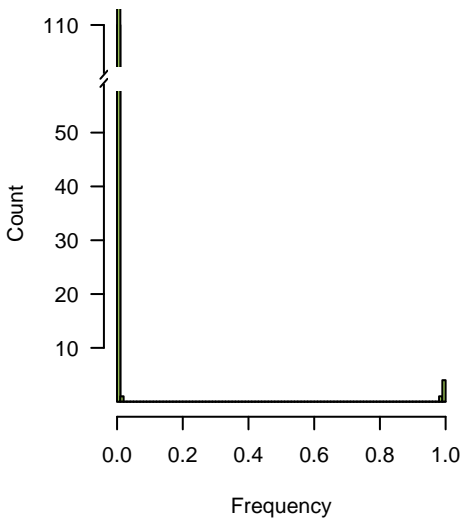
**RT site 500
AA 167**



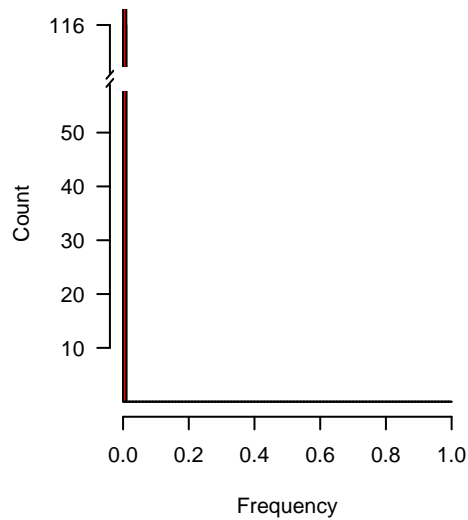
**RT site 501
AA 167**



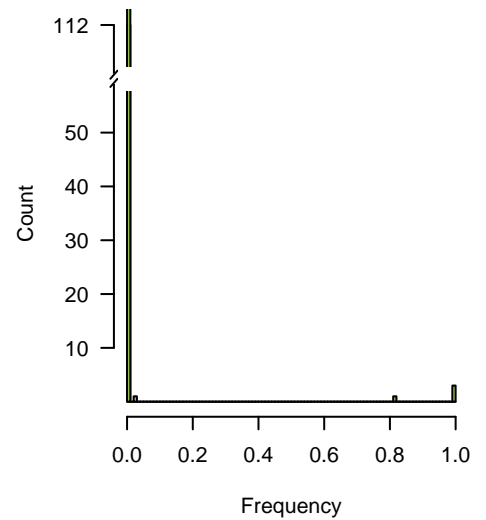
**RT site 502
AA 168**



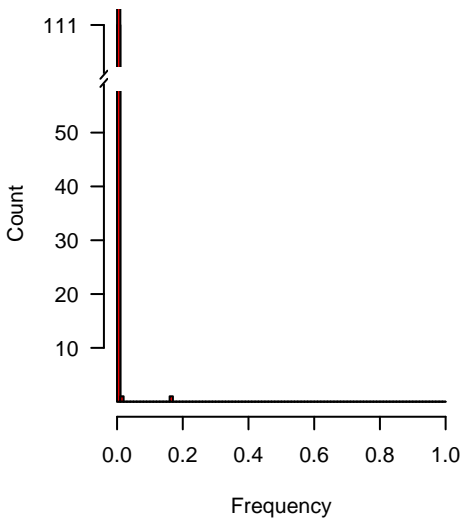
**RT site 503
AA 168**



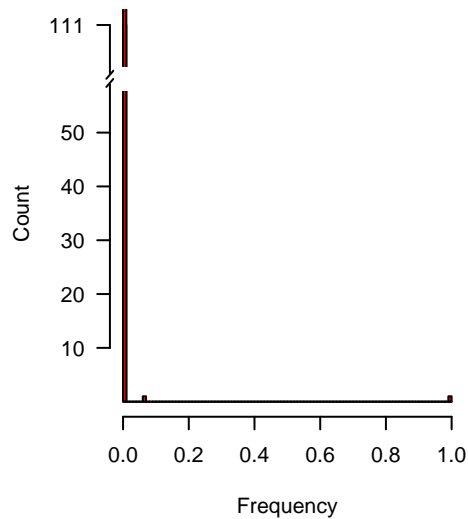
**RT site 504
AA 168**



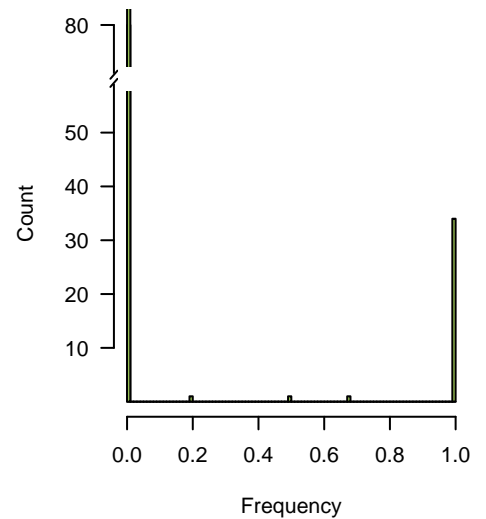
**RT site 505
AA 169**



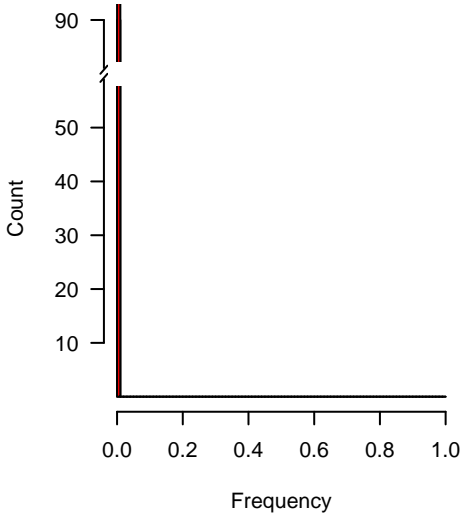
**RT site 506
AA 169**



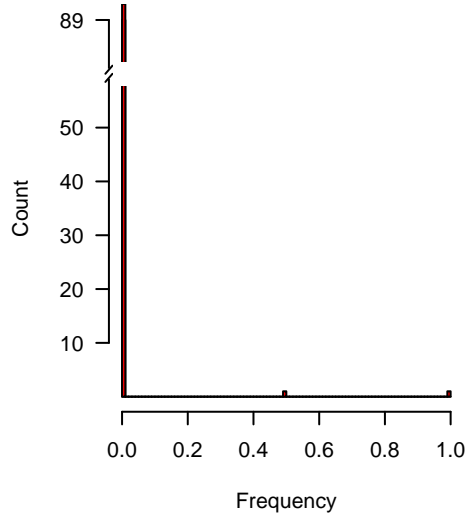
**RT site 507
AA 169**



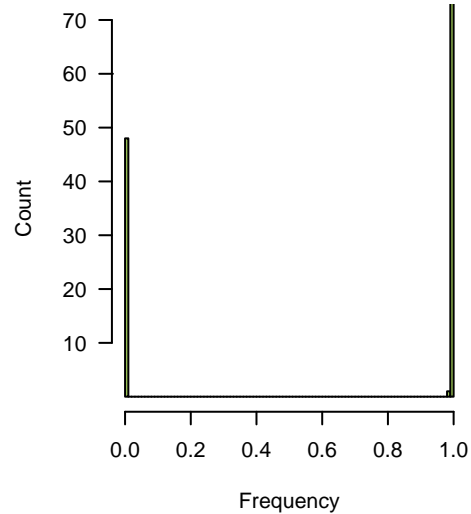
**RT site 508
AA 170**



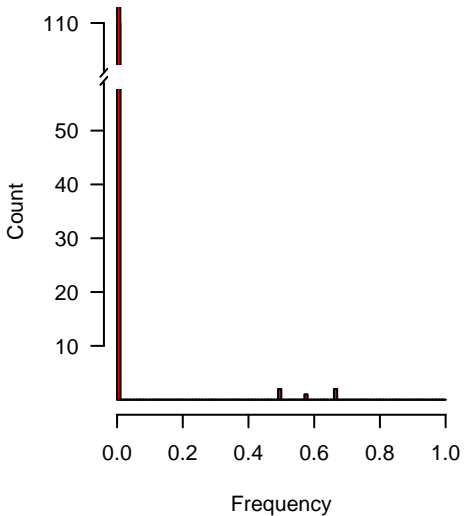
**RT site 509
AA 170**



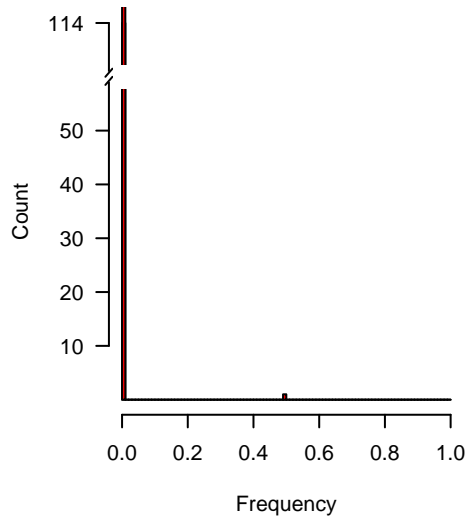
**RT site 510
AA 170**



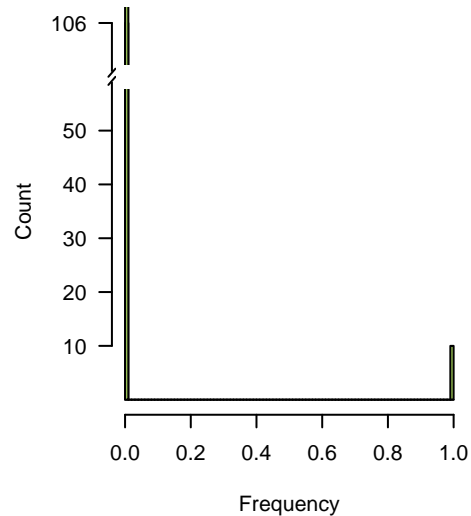
**RT site 511
AA 171**



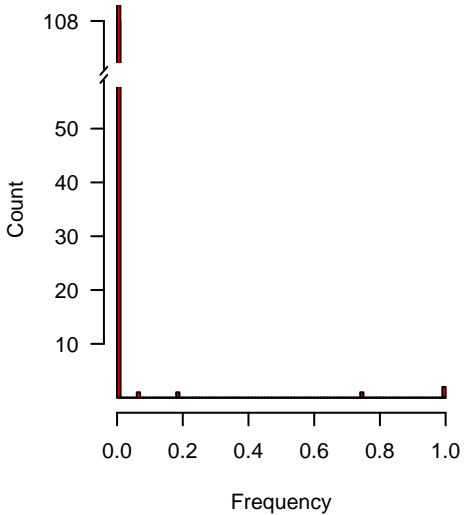
**RT site 512
AA 171**



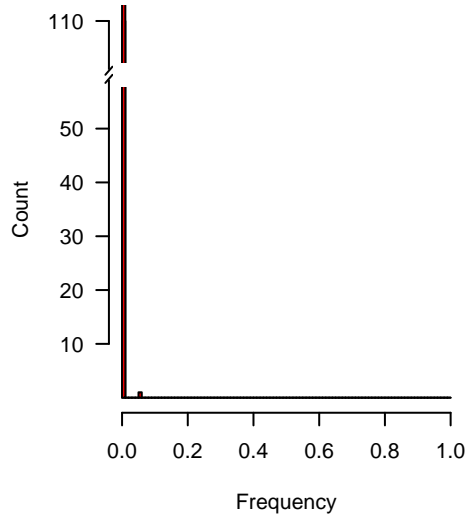
**RT site 513
AA 171**



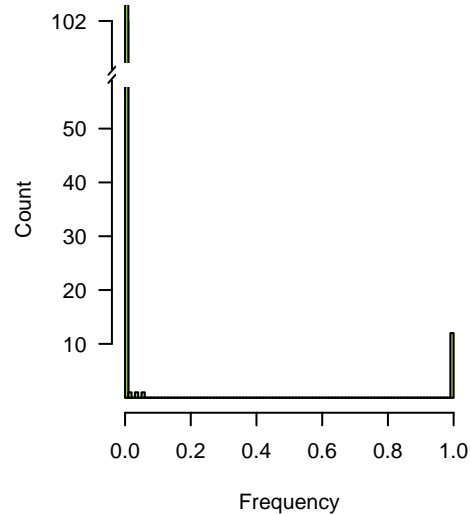
**RT site 514
AA 172**



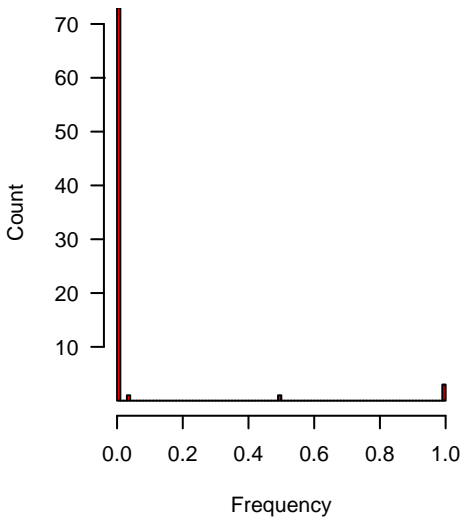
**RT site 515
AA 172**



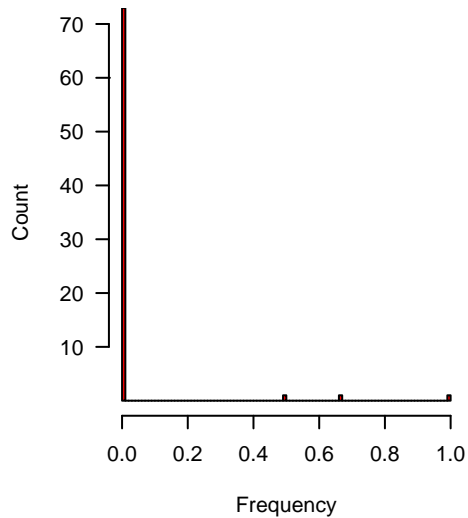
**RT site 516
AA 172**



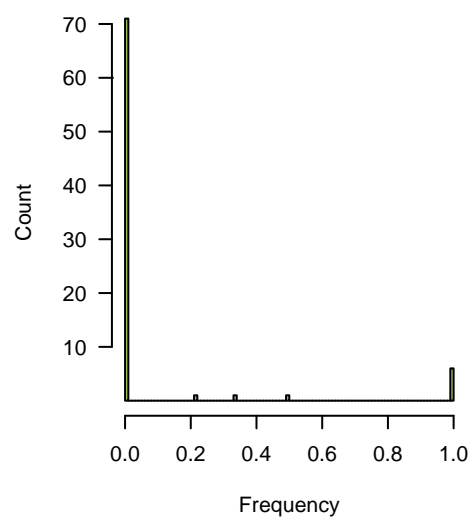
**RT site 517
AA 173**



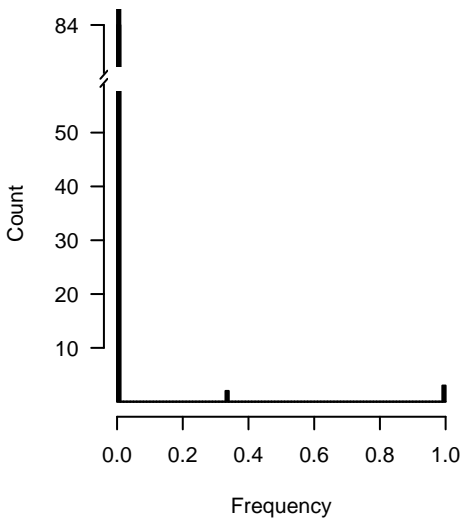
**RT site 518
AA 173**



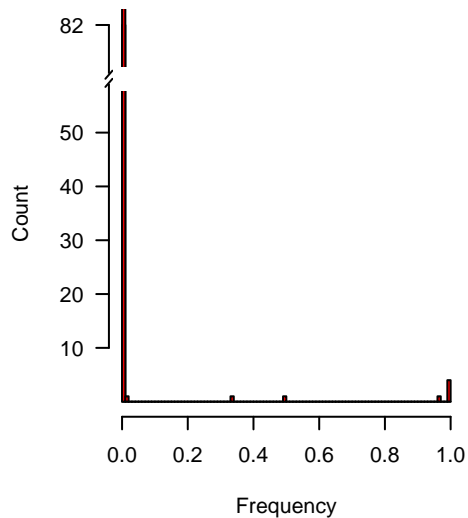
**RT site 519
AA 173**



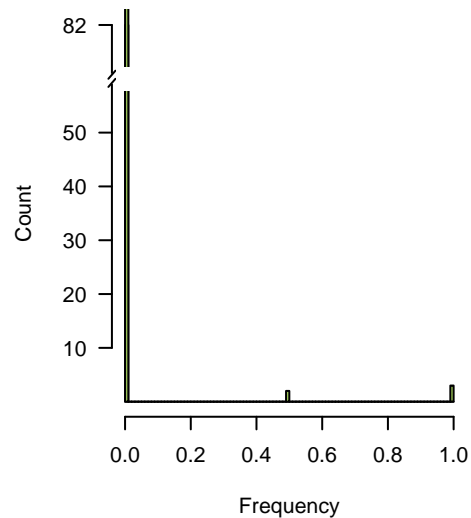
**RT site 520
AA 174**



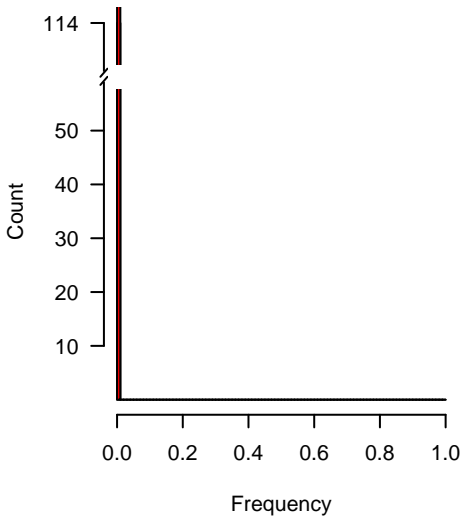
**RT site 521
AA 174**



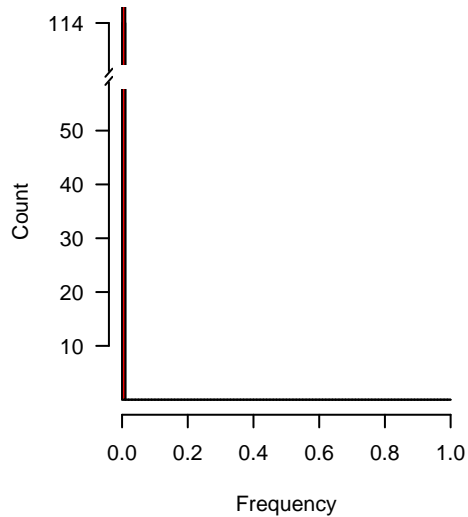
**RT site 522
AA 174**



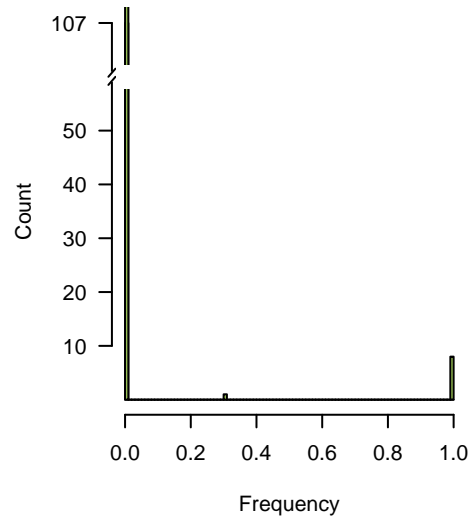
**RT site 523
AA 175**



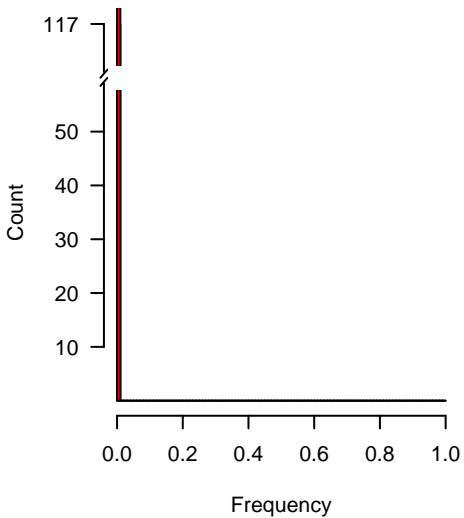
**RT site 524
AA 175**



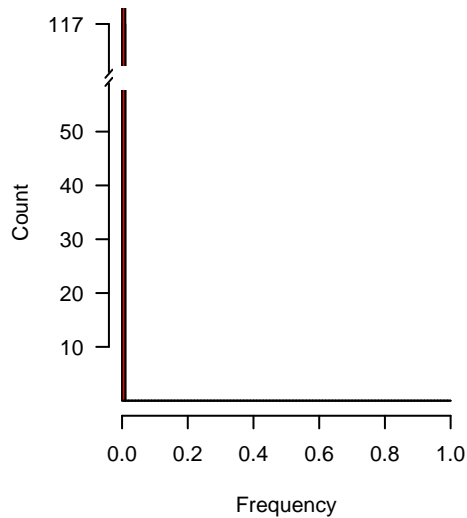
**RT site 525
AA 175**



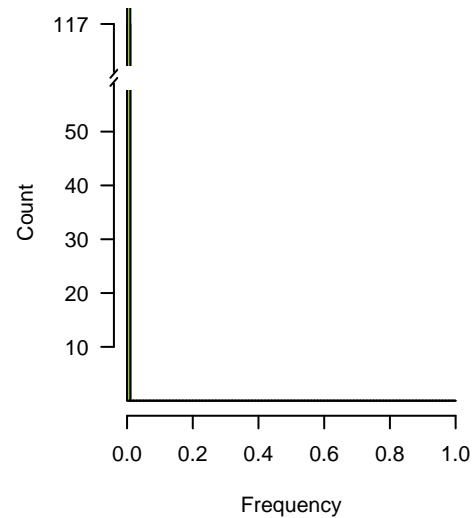
**RT site 526
AA 176**



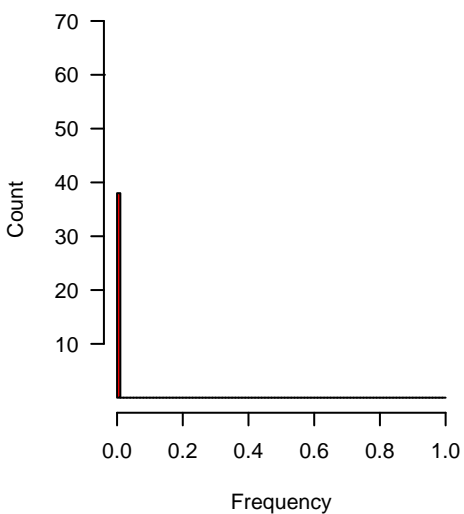
**RT site 527
AA 176**



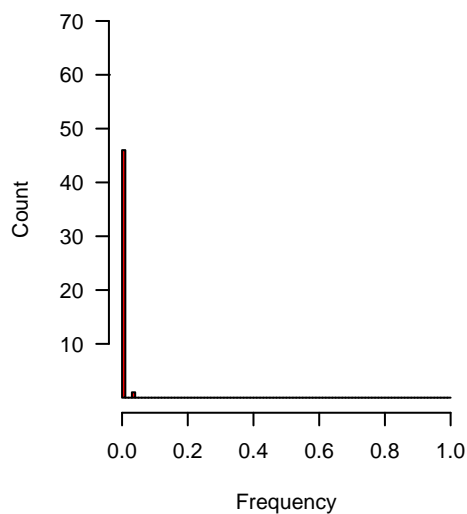
**RT site 528
AA 176**



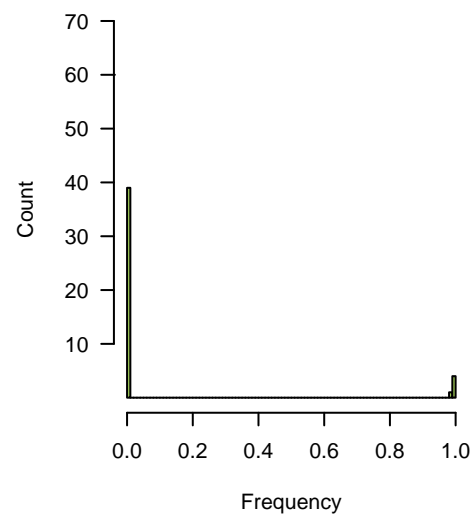
**RT site 529
AA 177**



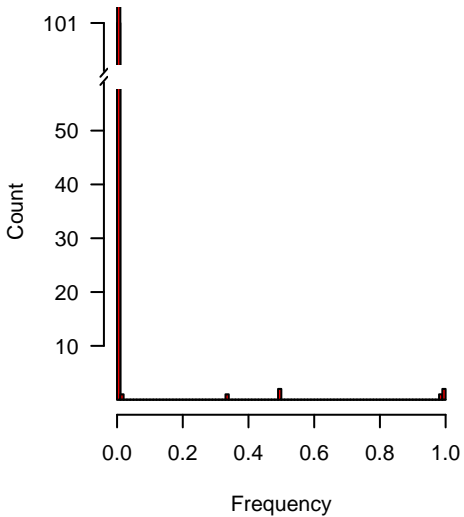
**RT site 530
AA 177**



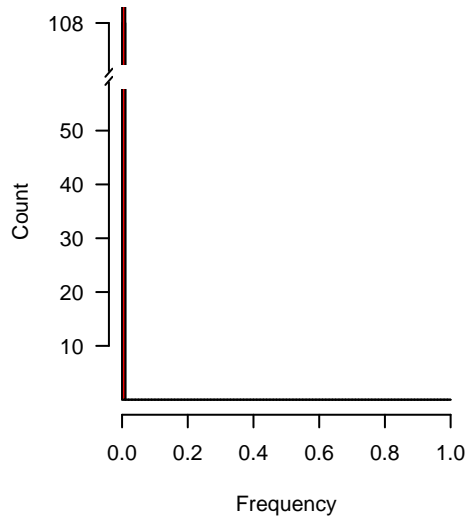
**RT site 531
AA 177**



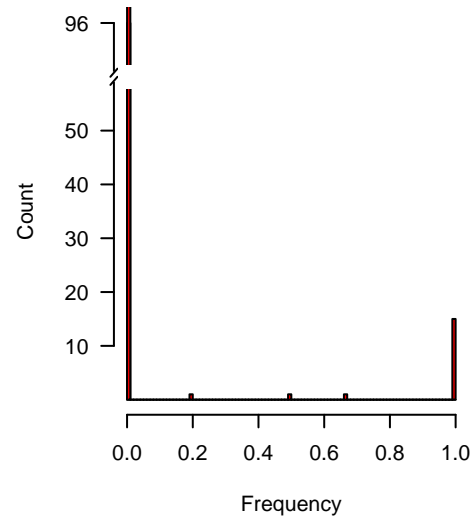
**RT site 532
AA 178**



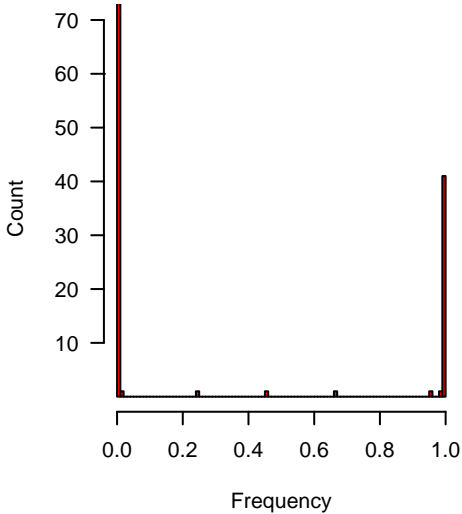
**RT site 533
AA 178**



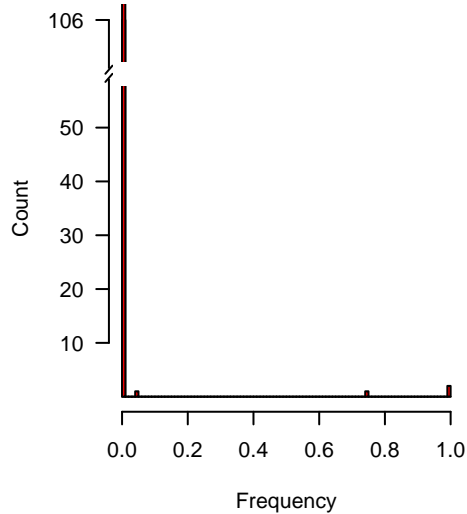
**RT site 534
AA 178**



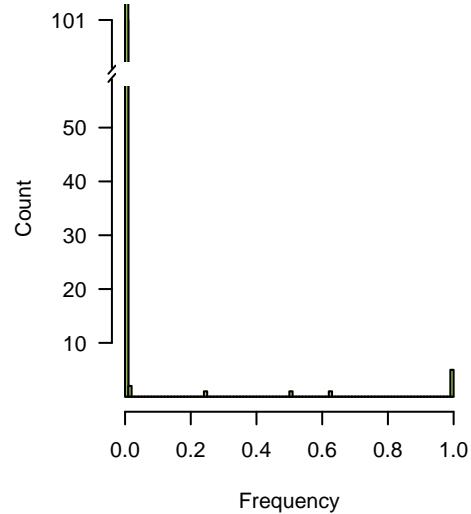
**RT site 535
AA 179**



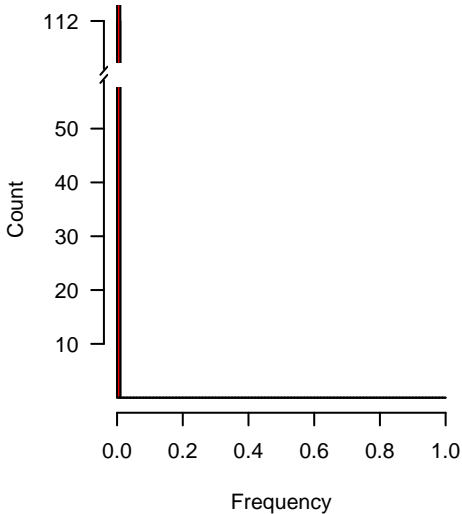
**RT site 536
AA 179**



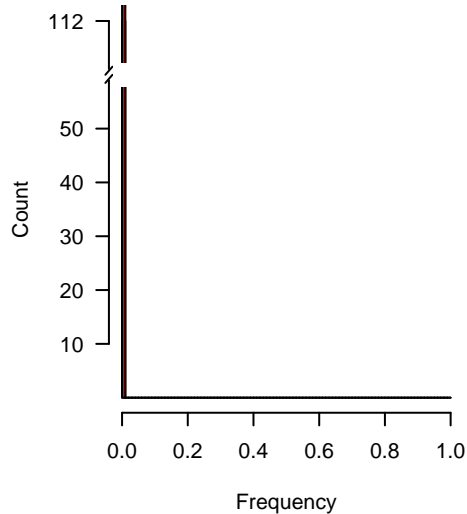
**RT site 537
AA 179**



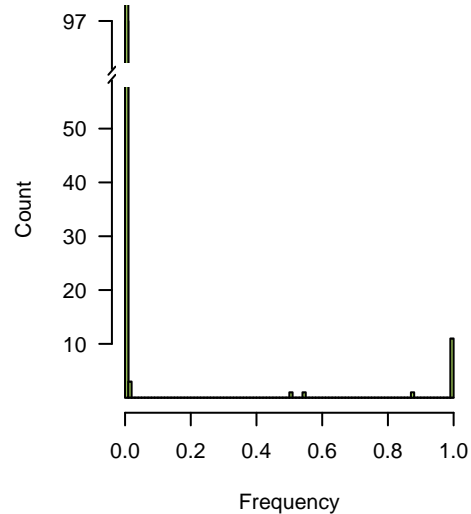
**RT site 538
AA 180**



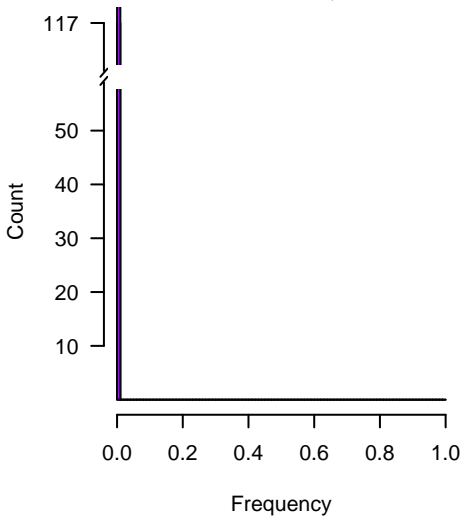
**RT site 539
AA 180**



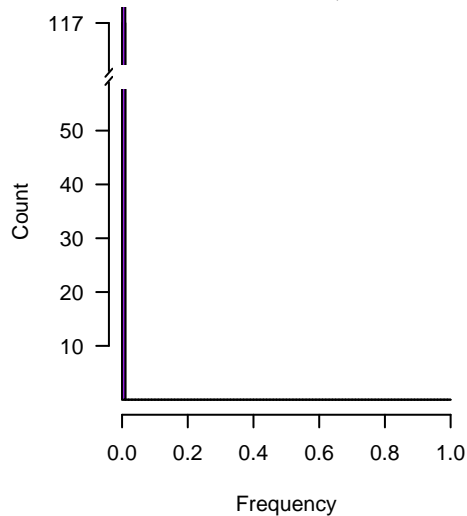
**RT site 540
AA 180**



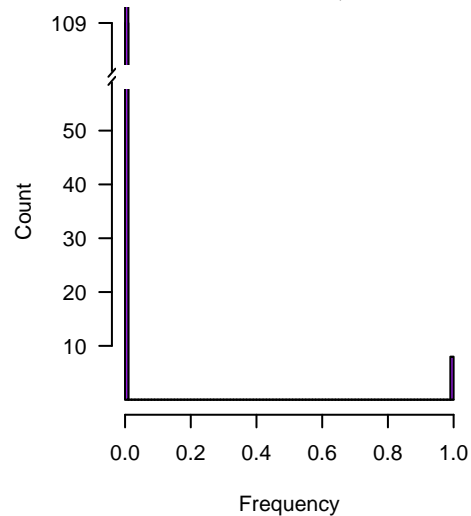
**RT site 541
AA 181
resistance codon, excluded**



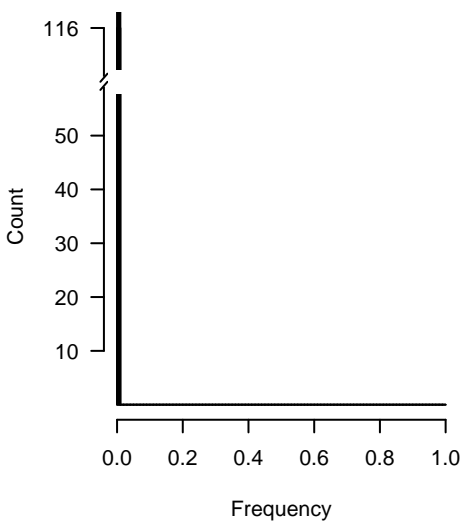
**RT site 542
AA 181
resistance codon, excluded**



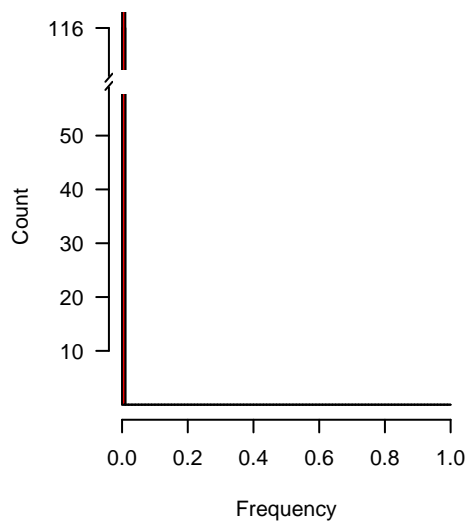
**RT site 543
AA 181
resistance codon, excluded**



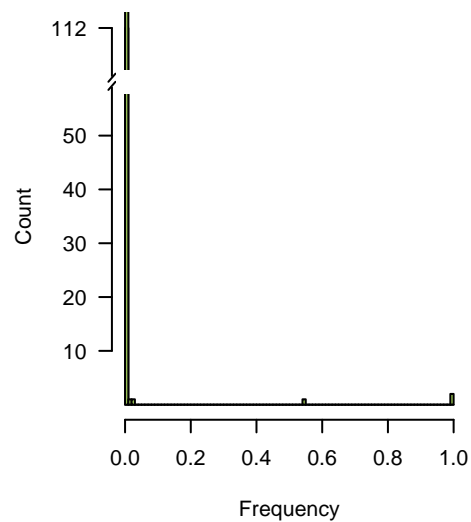
**RT site 544
AA 182**



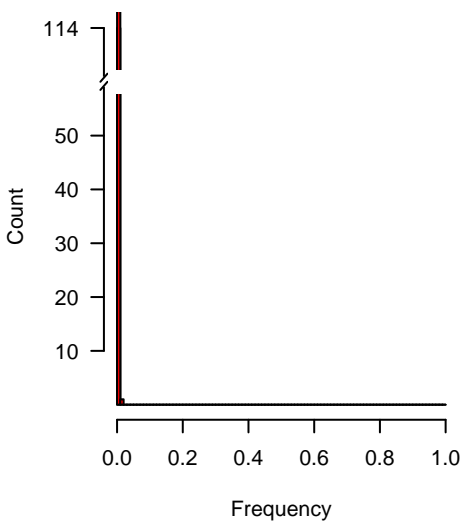
**RT site 545
AA 182**



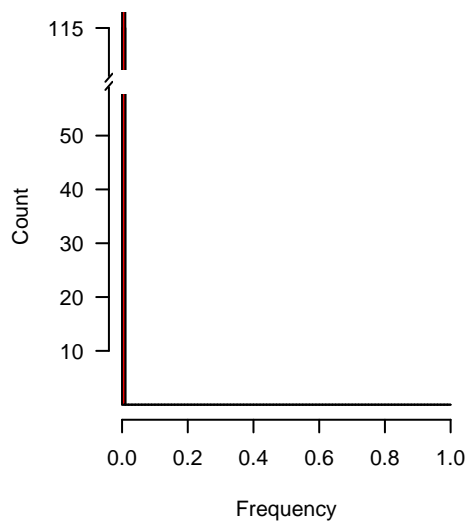
**RT site 546
AA 182**



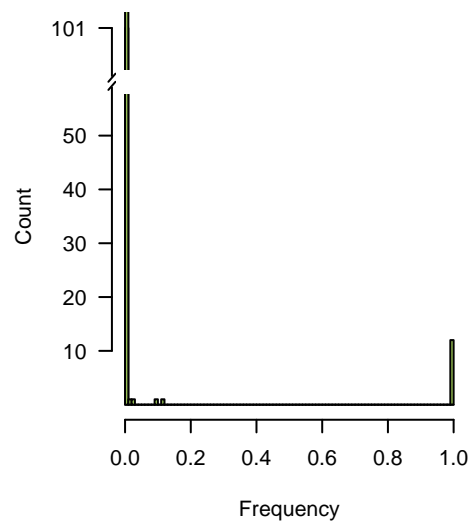
**RT site 547
AA 183**



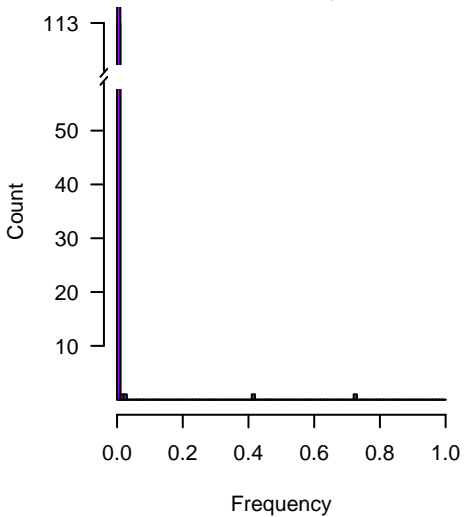
**RT site 548
AA 183**



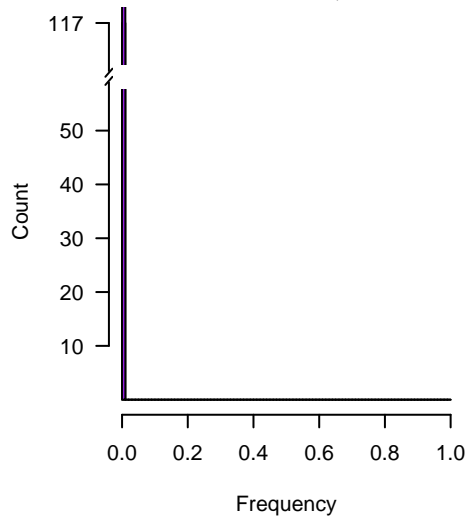
**RT site 549
AA 183**



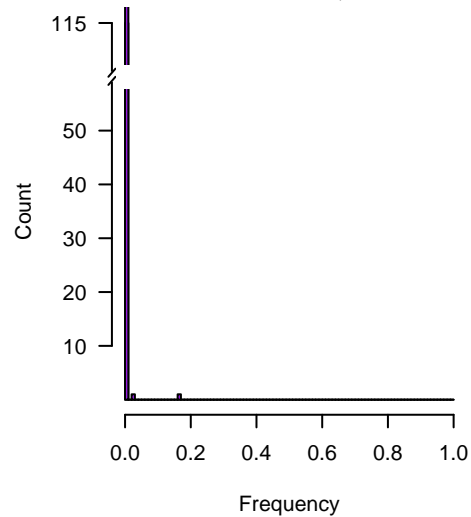
**RT site 550
AA 184
resistance codon, excluded**



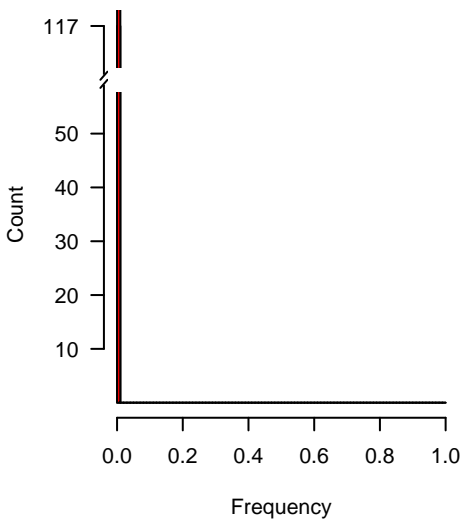
**RT site 551
AA 184
resistance codon, excluded**



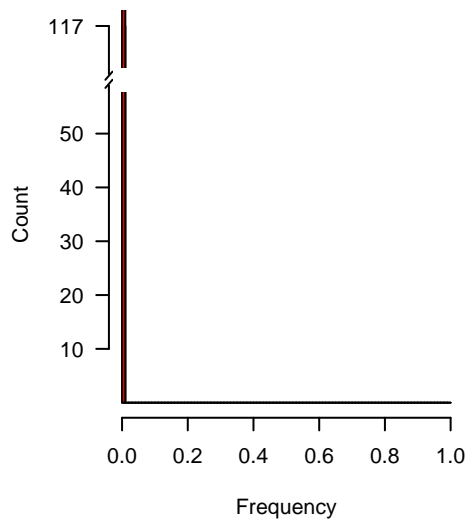
**RT site 552
AA 184
resistance codon, excluded**



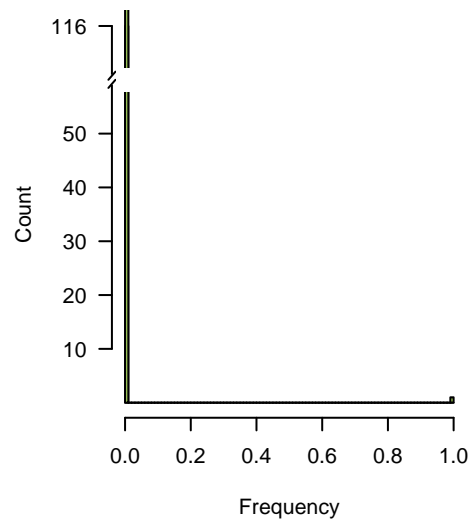
**RT site 553
AA 185**



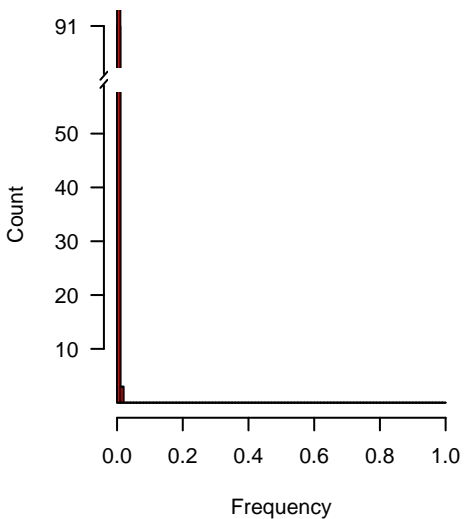
**RT site 554
AA 185**



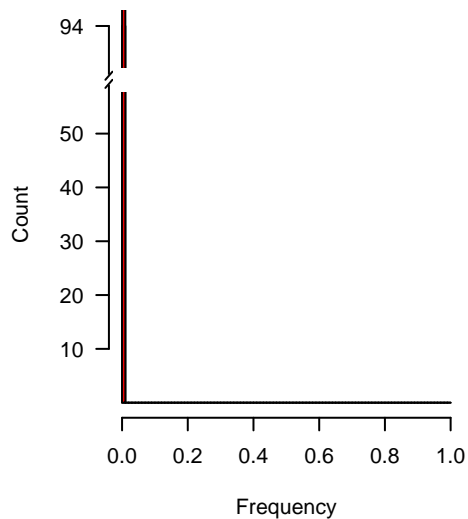
**RT site 555
AA 185**



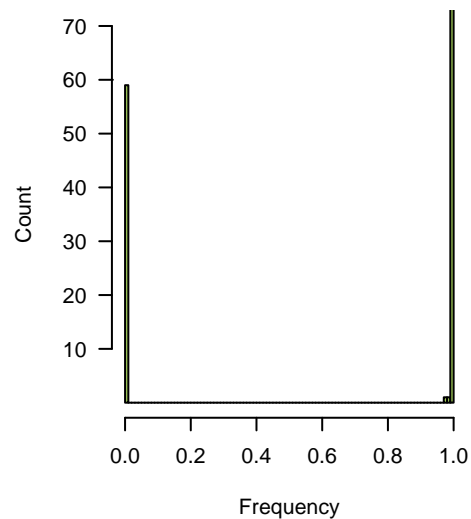
**RT site 556
AA 186**



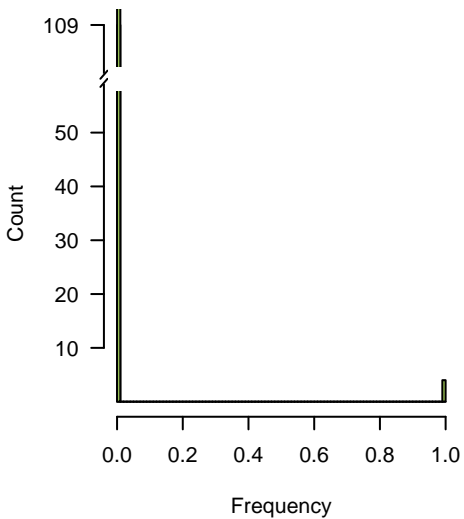
**RT site 557
AA 186**



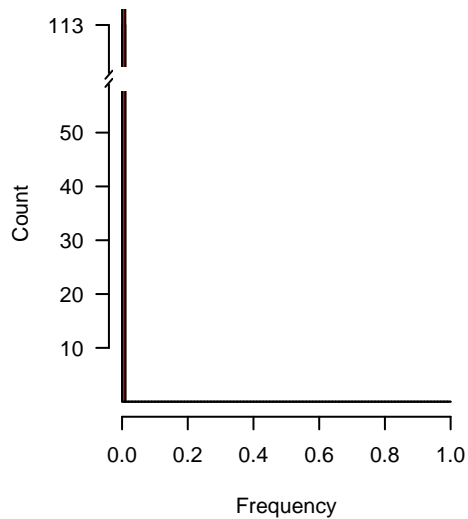
**RT site 558
AA 186**



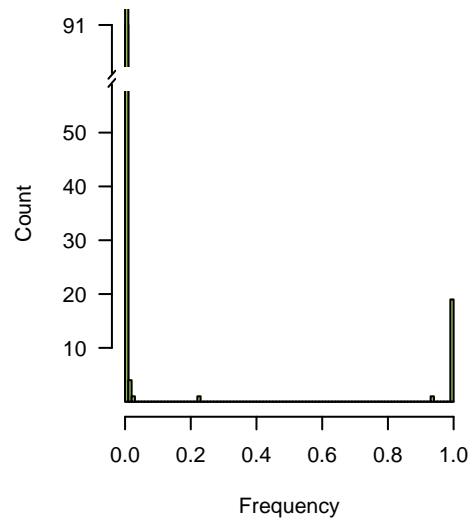
**RT site 559
AA 187**

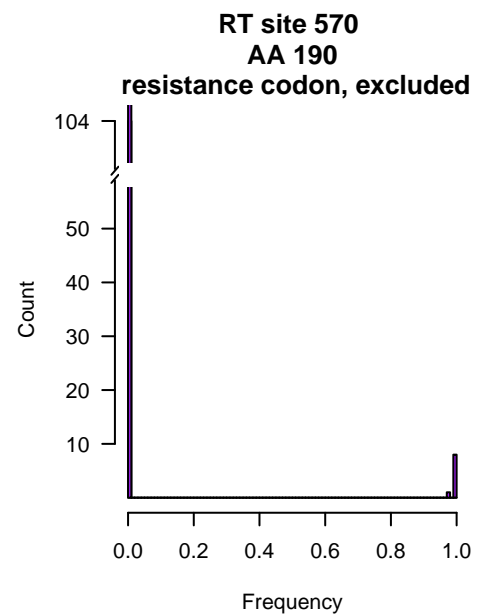
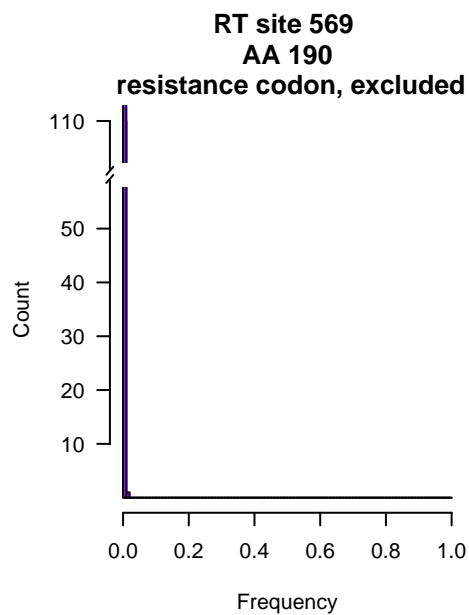
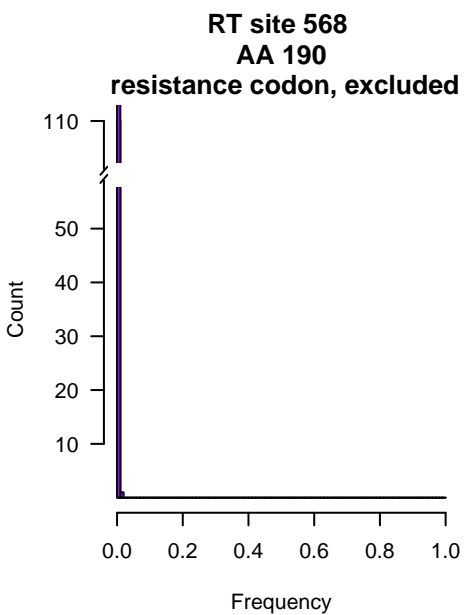
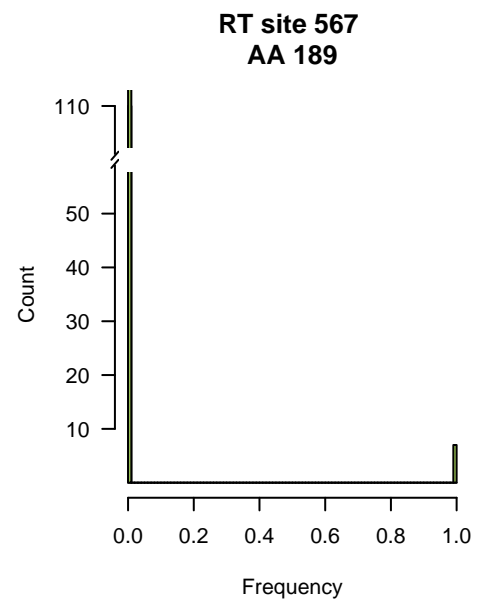
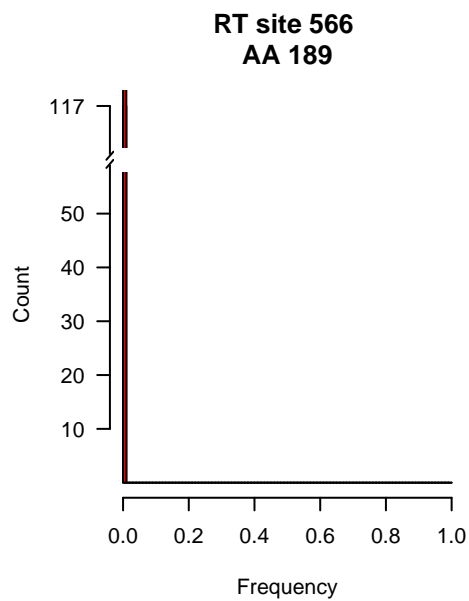
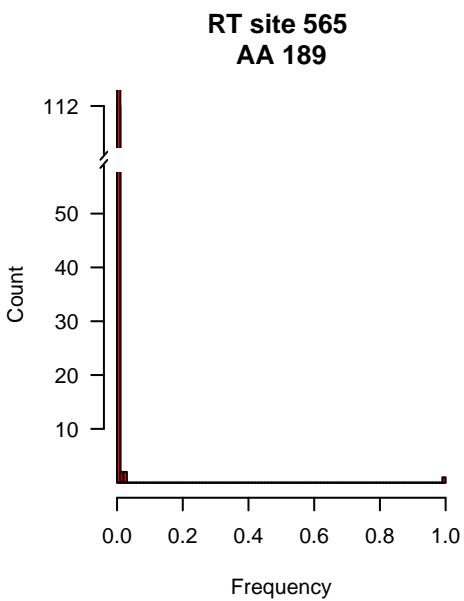
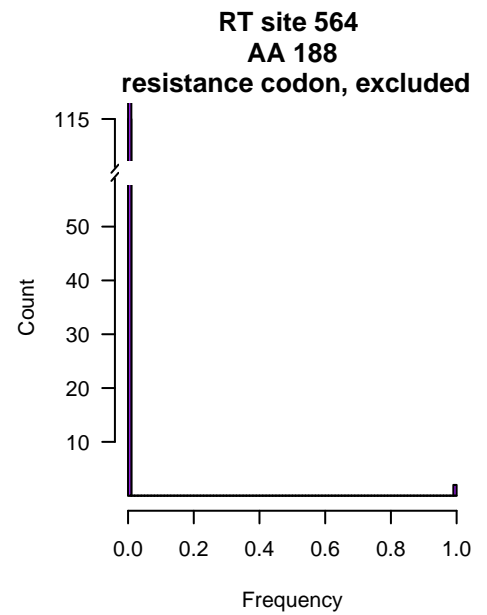
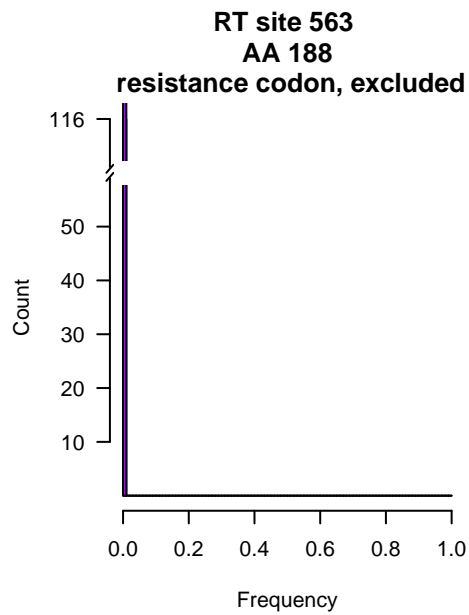
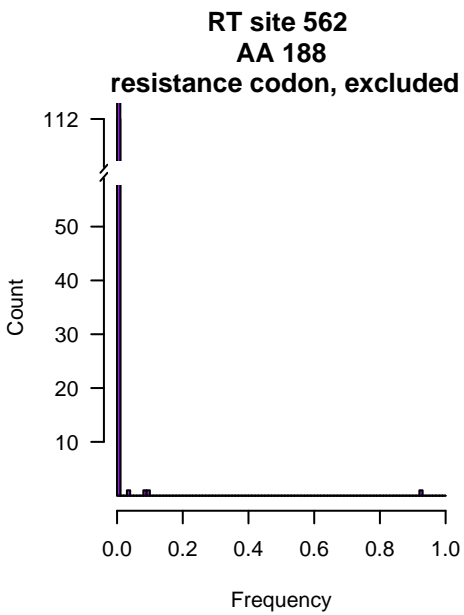


**RT site 560
AA 187**

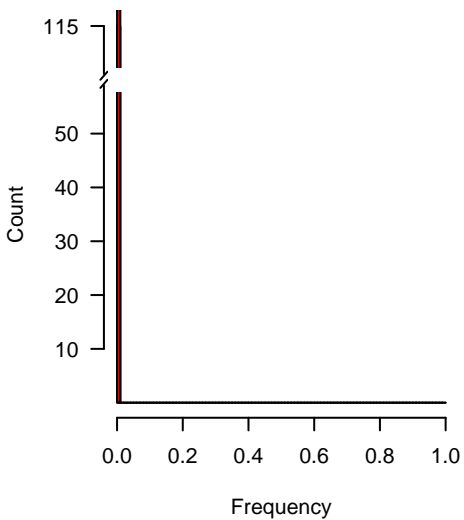


**RT site 561
AA 187**

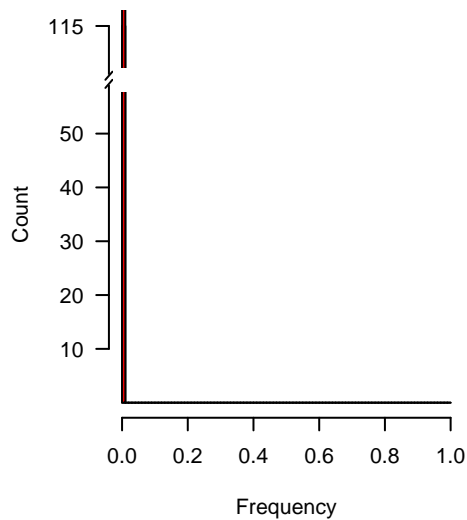




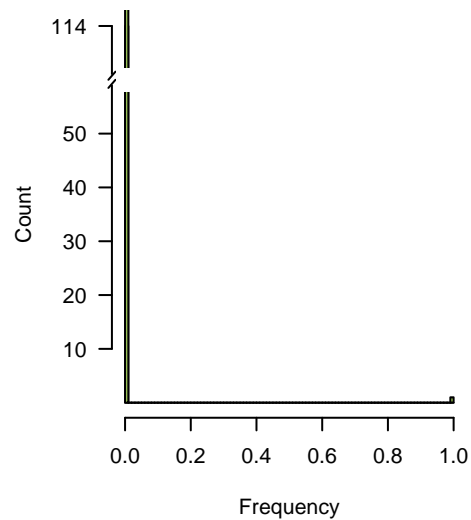
**RT site 571
AA 191**



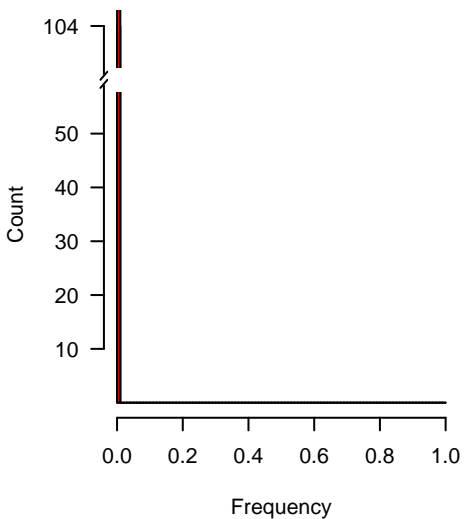
**RT site 572
AA 191**



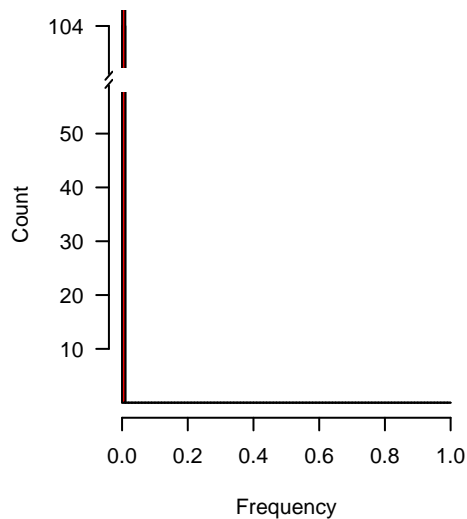
**RT site 573
AA 191**



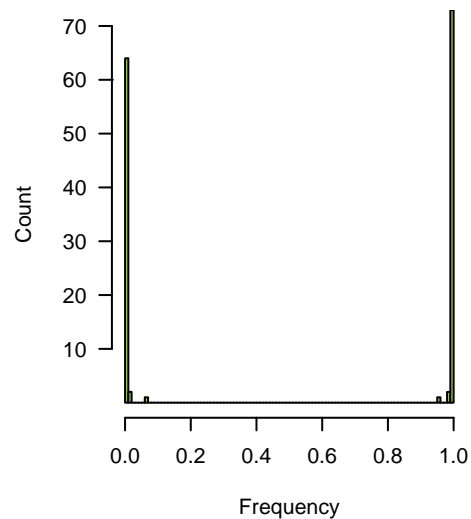
**RT site 574
AA 192**



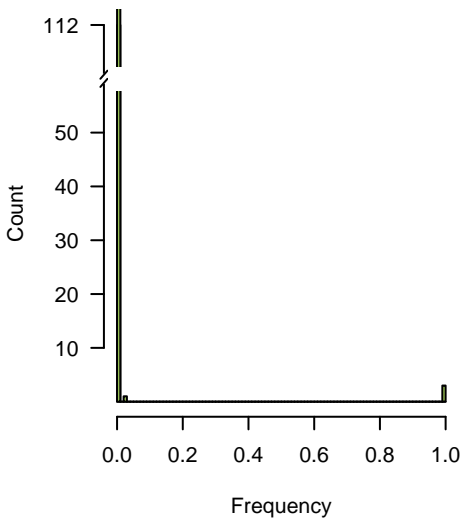
**RT site 575
AA 192**



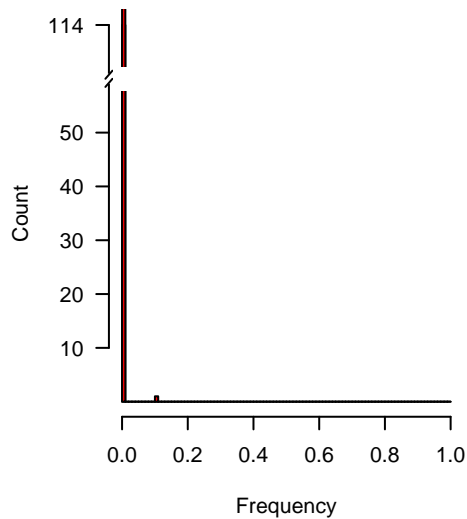
**RT site 576
AA 192**



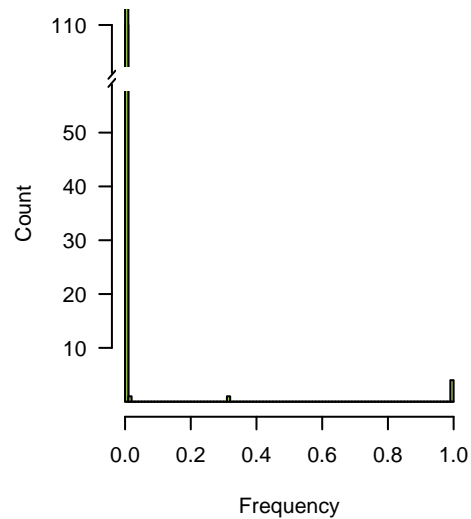
**RT site 577
AA 193**



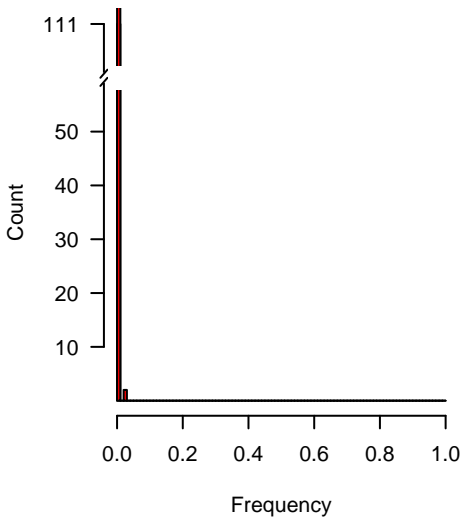
**RT site 578
AA 193**



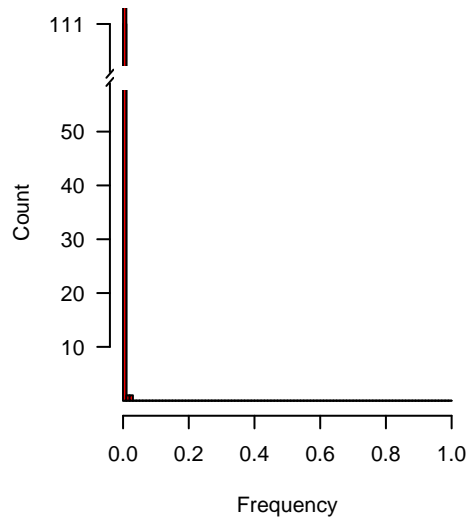
**RT site 579
AA 193**



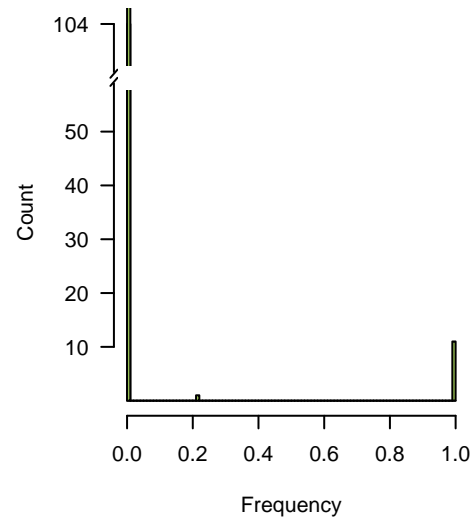
**RT site 580
AA 194**



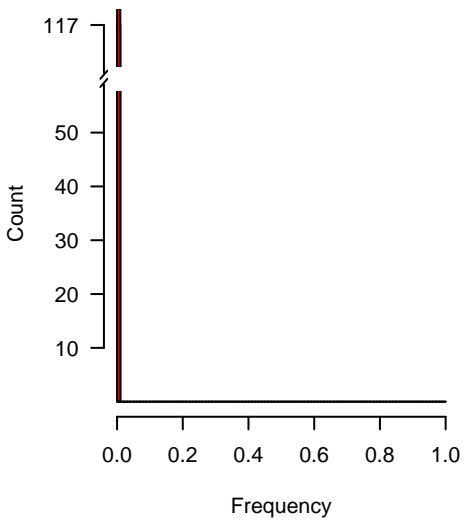
**RT site 581
AA 194**



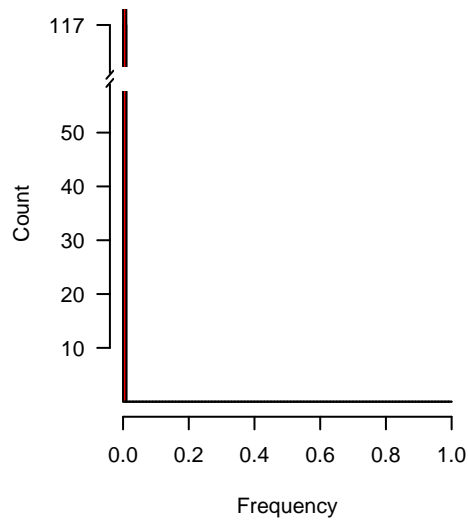
**RT site 582
AA 194**



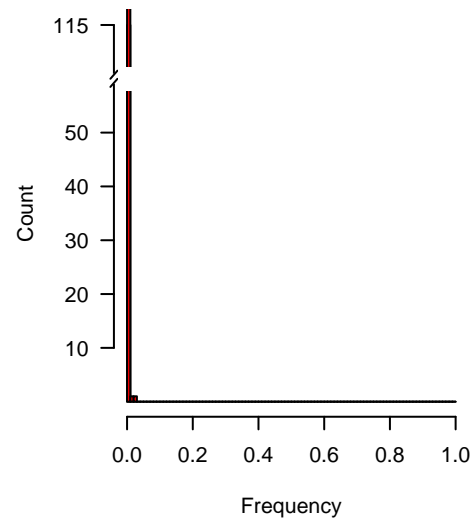
**RT site 583
AA 195**



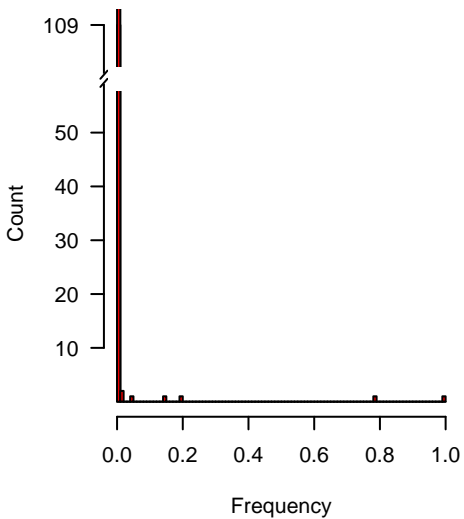
**RT site 584
AA 195**



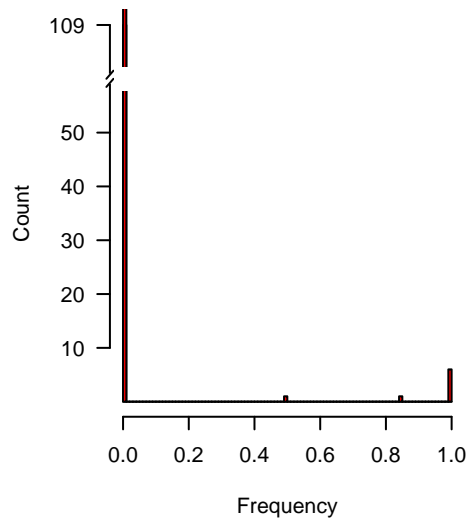
**RT site 585
AA 195**



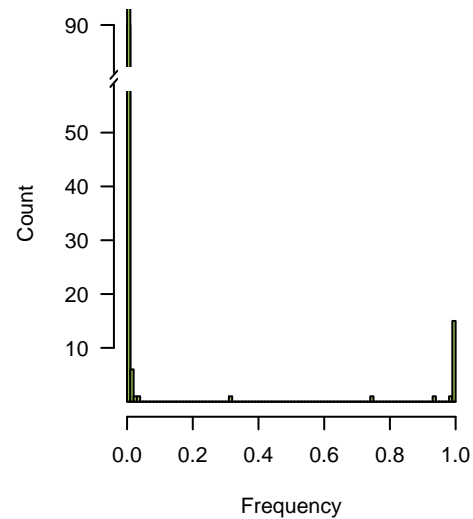
**RT site 586
AA 196**



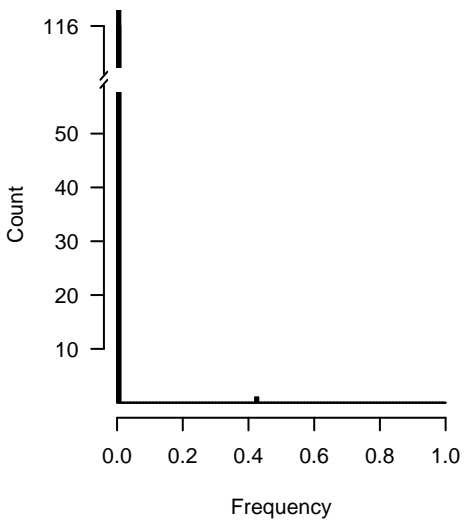
**RT site 587
AA 196**



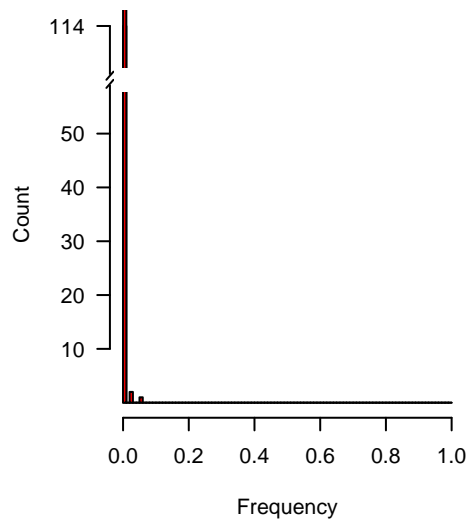
**RT site 588
AA 196**



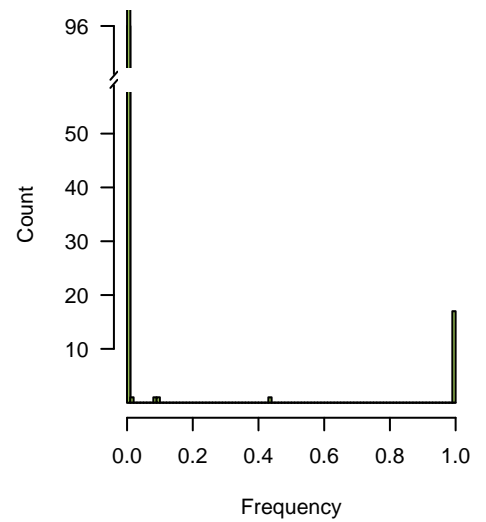
**RT site 589
AA 197**



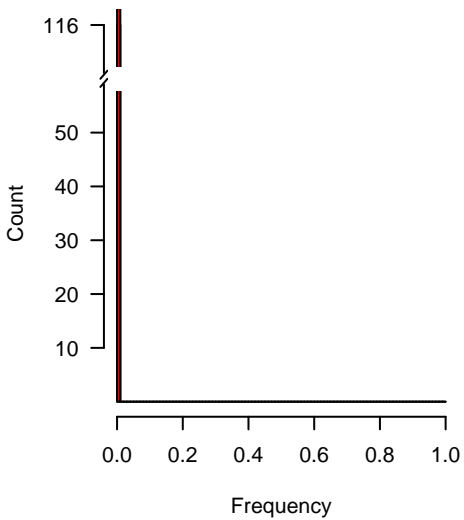
**RT site 590
AA 197**



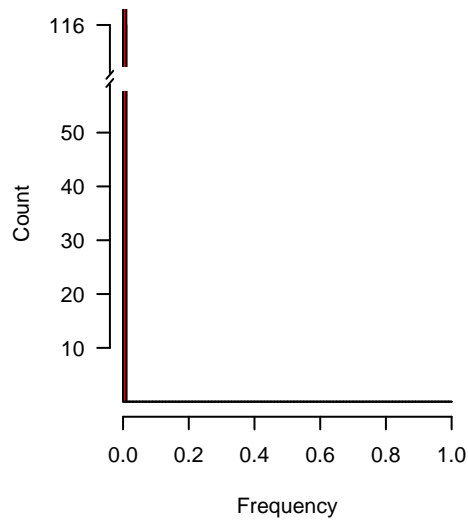
**RT site 591
AA 197**



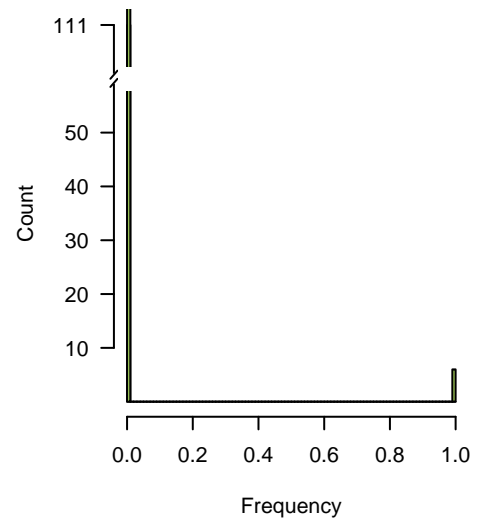
**RT site 592
AA 198**



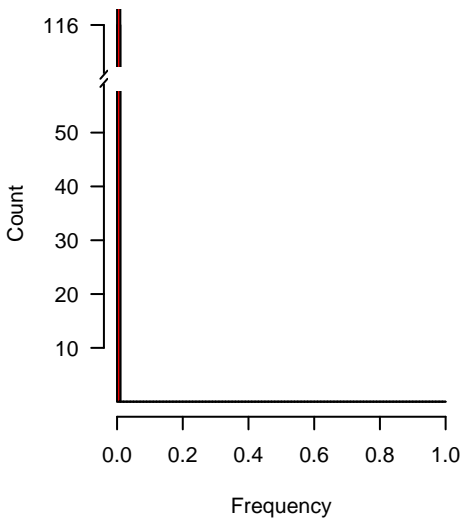
**RT site 593
AA 198**



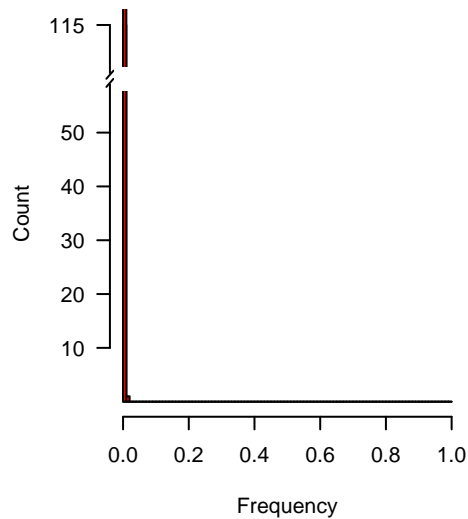
**RT site 594
AA 198**



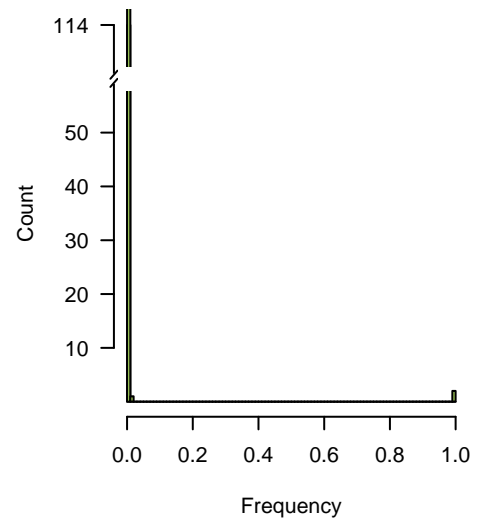
**RT site 595
AA 199**



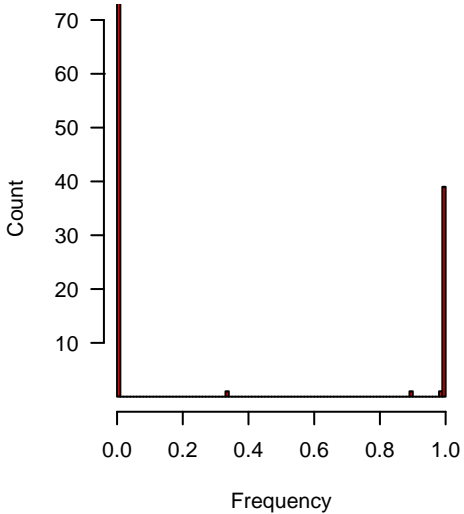
**RT site 596
AA 199**



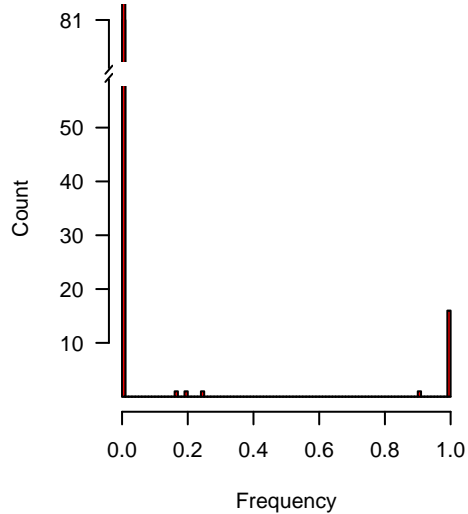
**RT site 597
AA 199**



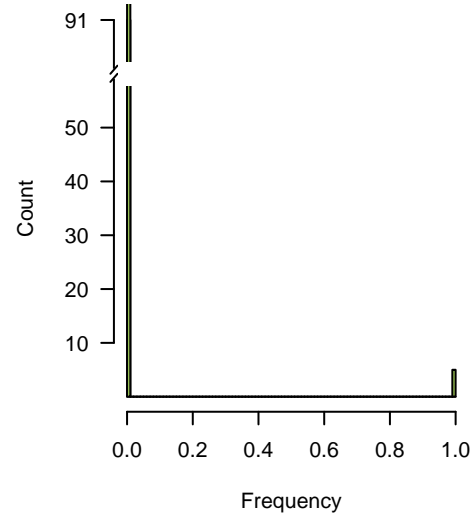
**RT site 598
AA 200**



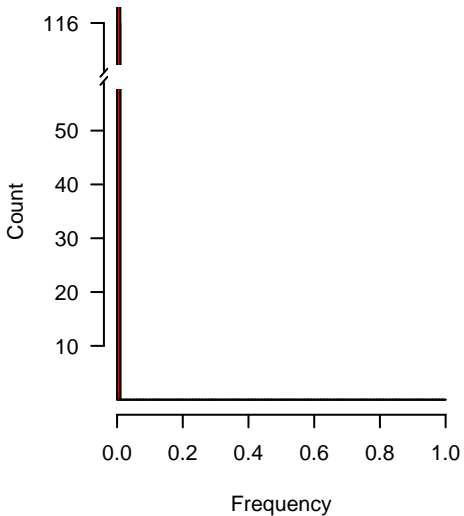
**RT site 599
AA 200**



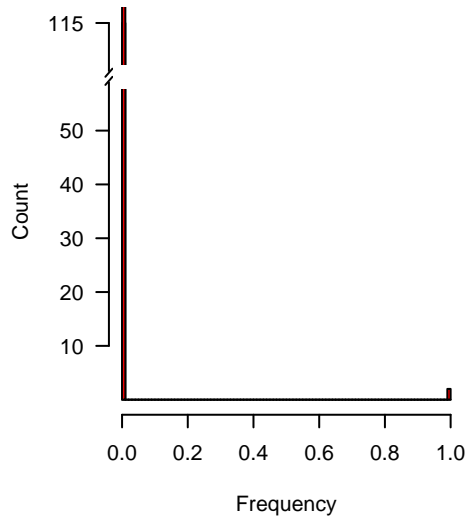
**RT site 600
AA 200**



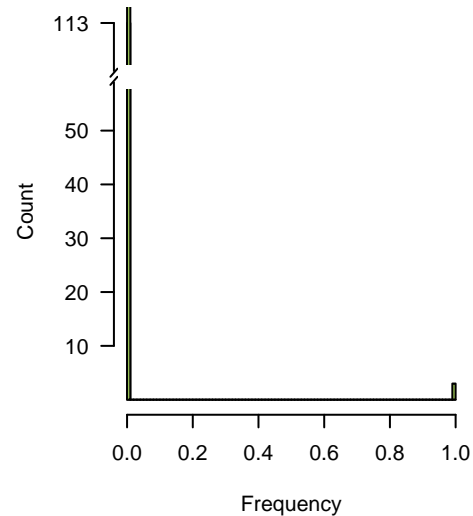
**RT site 601
AA 201**



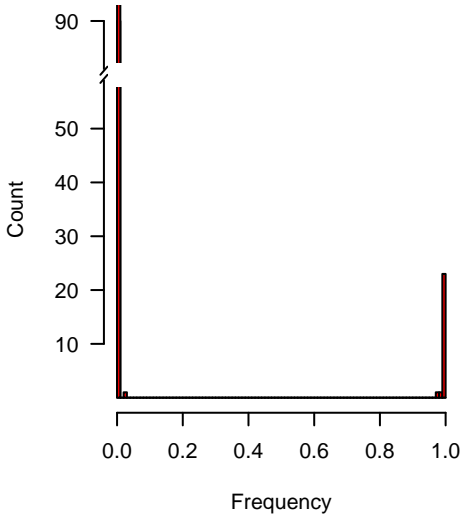
**RT site 602
AA 201**



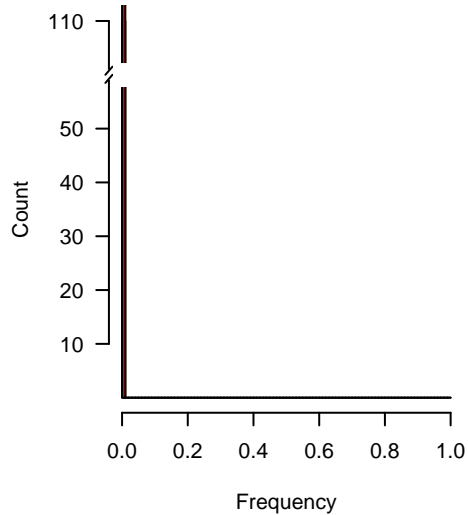
**RT site 603
AA 201**



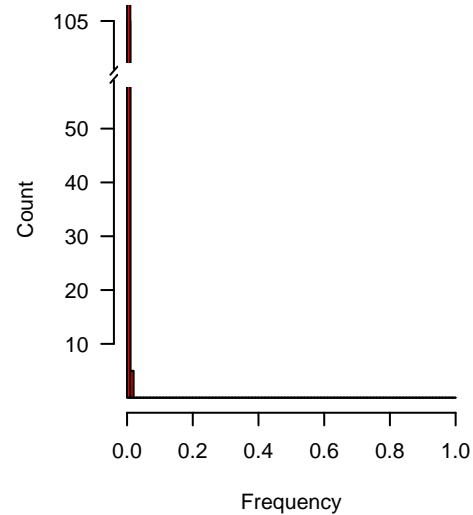
**RT site 604
AA 202**



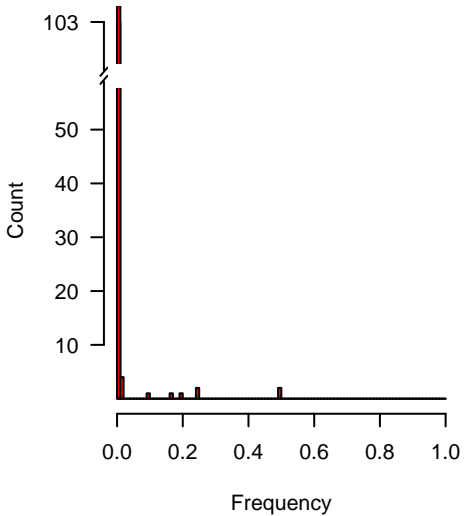
**RT site 605
AA 202**



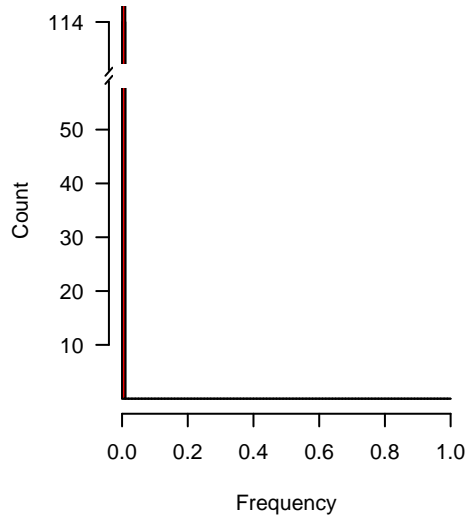
**RT site 606
AA 202**



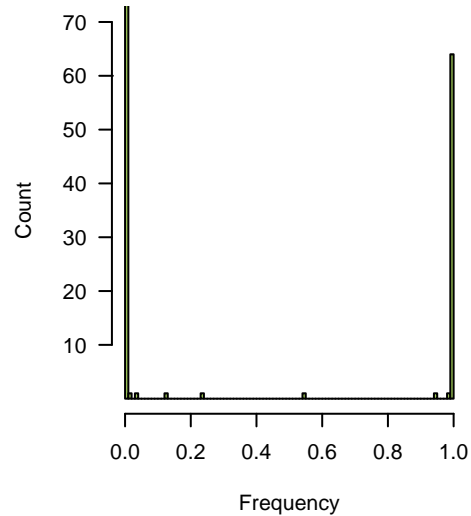
**RT site 607
AA 203**



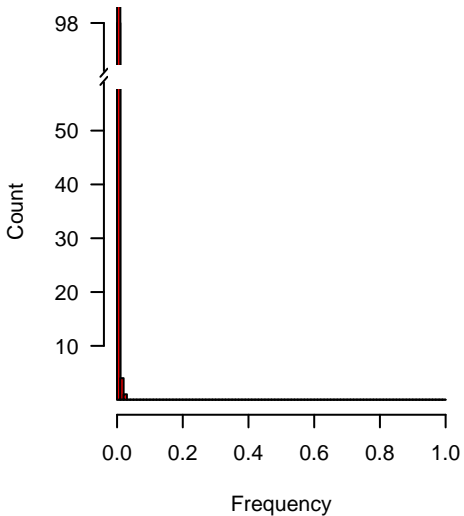
**RT site 608
AA 203**



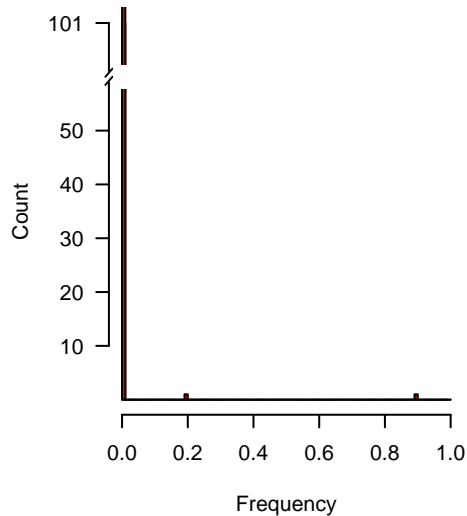
**RT site 609
AA 203**



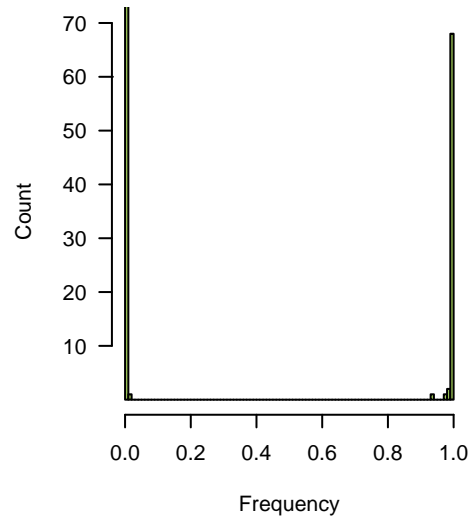
**RT site 610
AA 204**



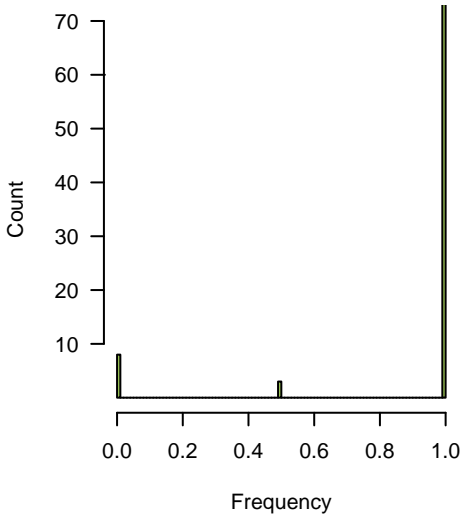
**RT site 611
AA 204**



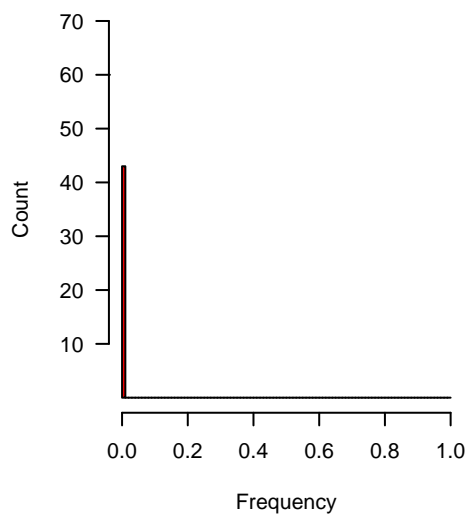
**RT site 612
AA 204**



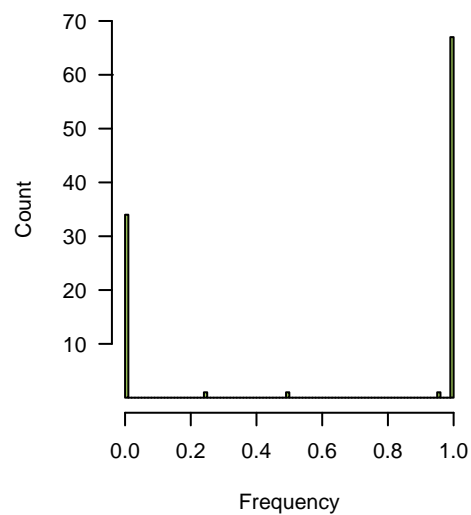
**RT site 613
AA 205**



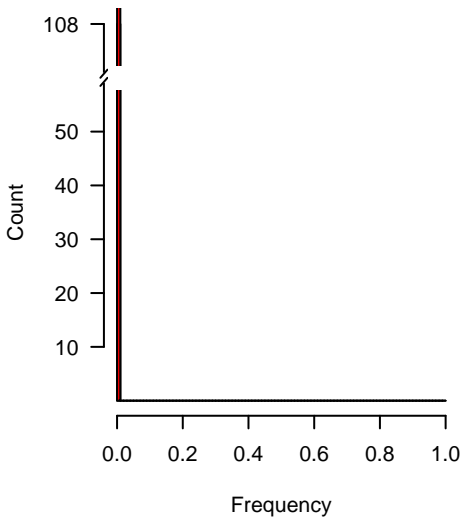
**RT site 614
AA 205**



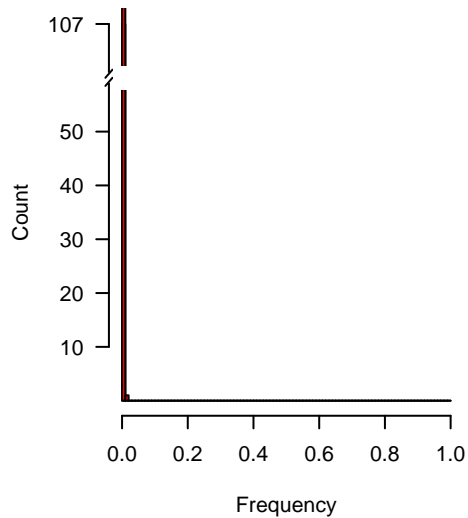
**RT site 615
AA 205**



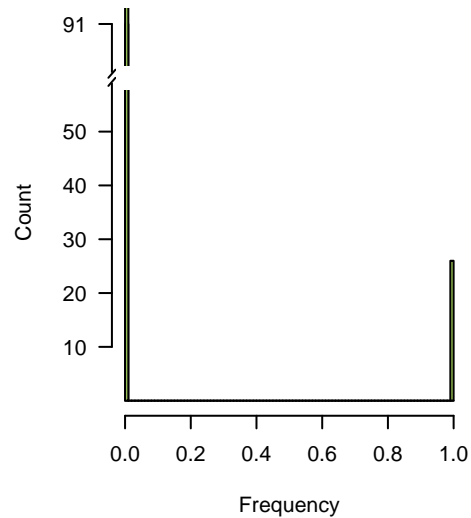
**RT site 616
AA 206**



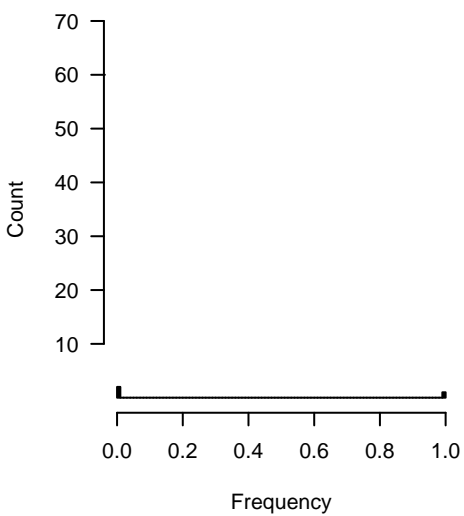
**RT site 617
AA 206**



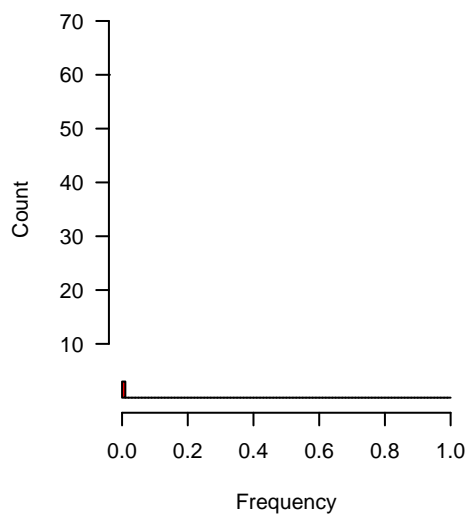
**RT site 618
AA 206**



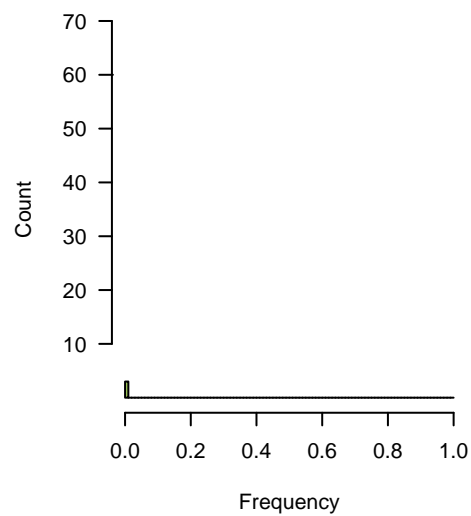
**RT site 619
AA 207**



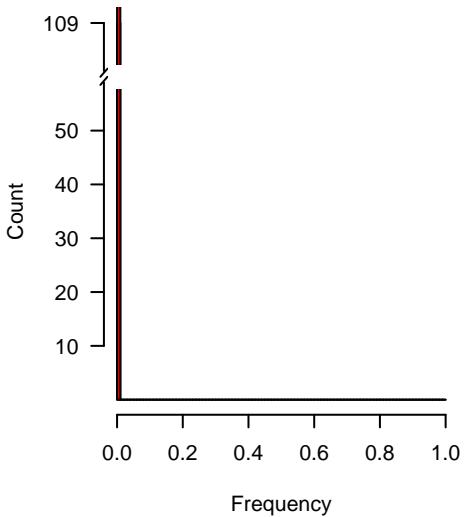
**RT site 620
AA 207**



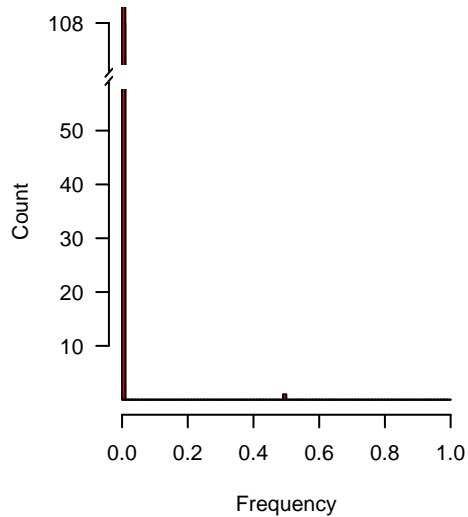
**RT site 621
AA 207**



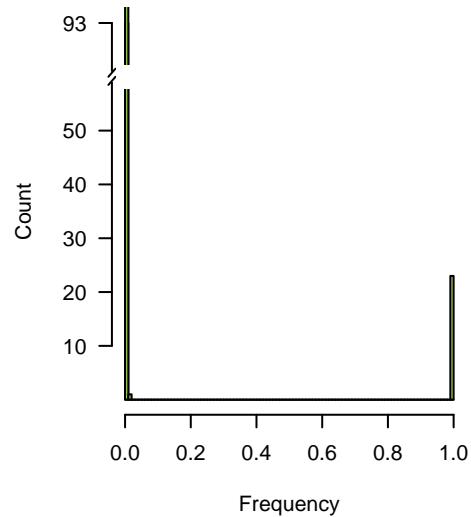
**RT site 622
AA 208**



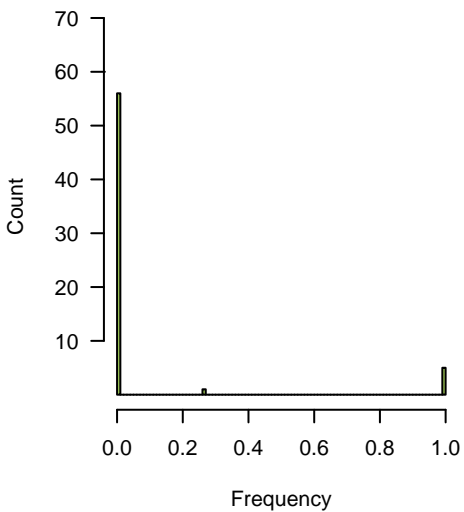
**RT site 623
AA 208**



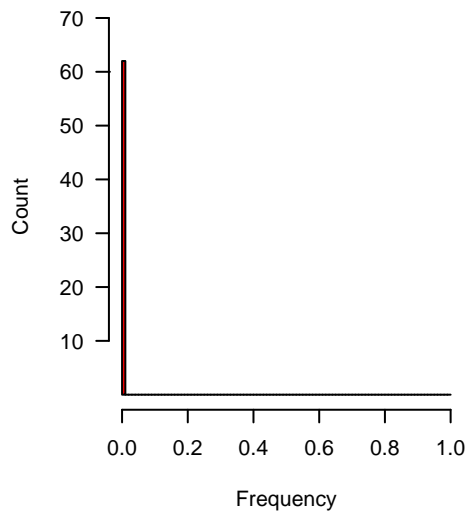
**RT site 624
AA 208**



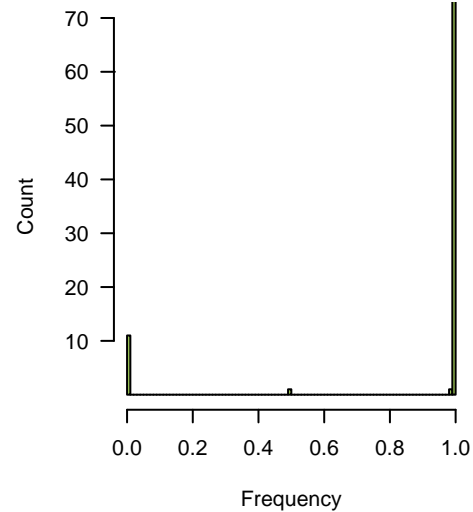
**RT site 625
AA 209**



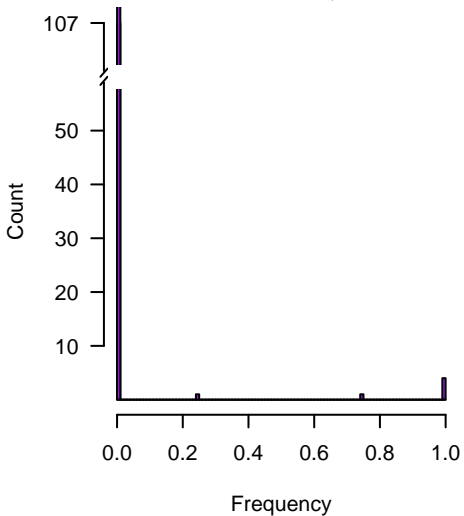
**RT site 626
AA 209**



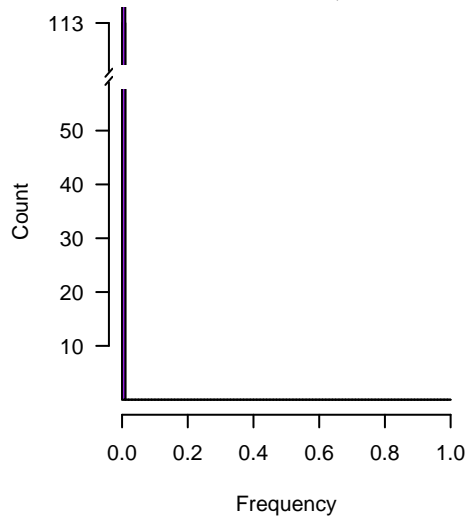
**RT site 627
AA 209**



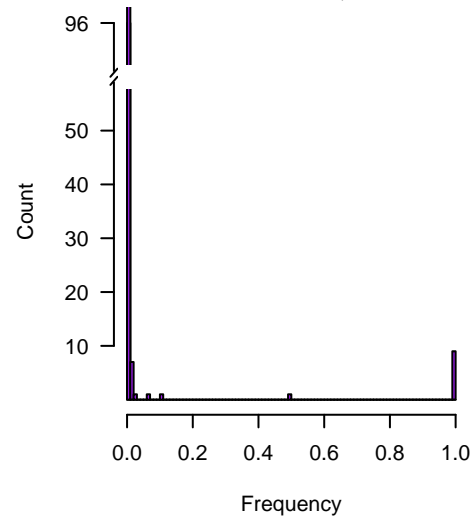
**RT site 628
AA 210
resistance codon, excluded**



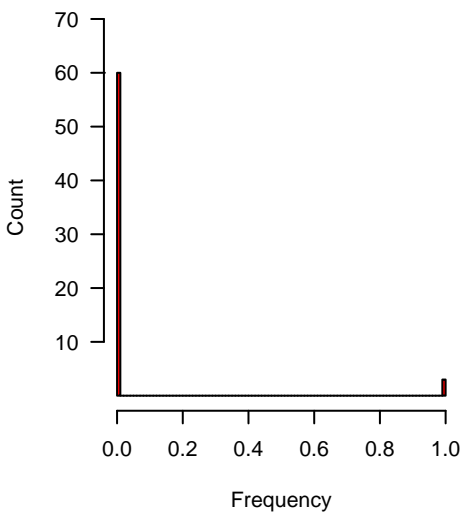
**RT site 629
AA 210
resistance codon, excluded**



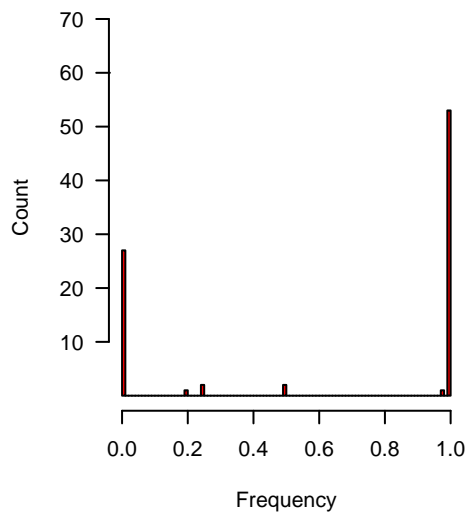
**RT site 630
AA 210
resistance codon, excluded**



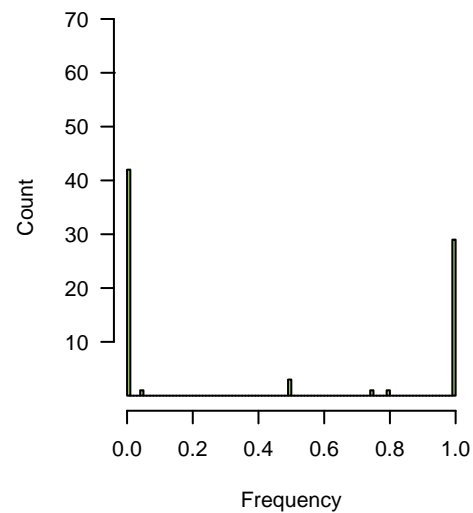
**RT site 631
AA 211**



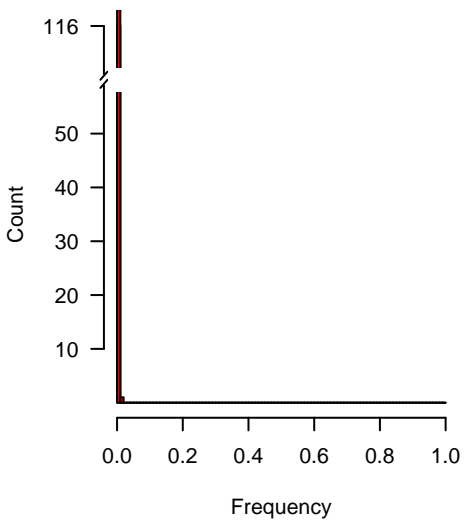
**RT site 632
AA 211**



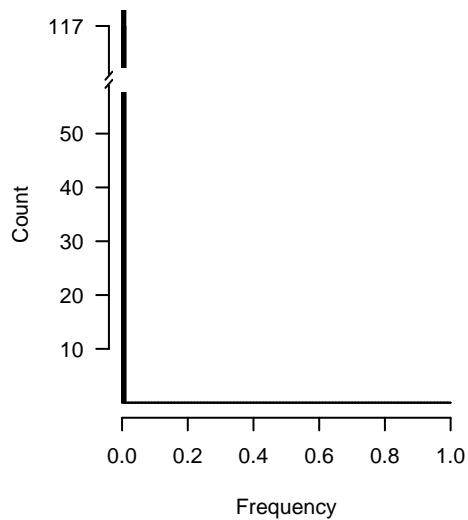
**RT site 633
AA 211**



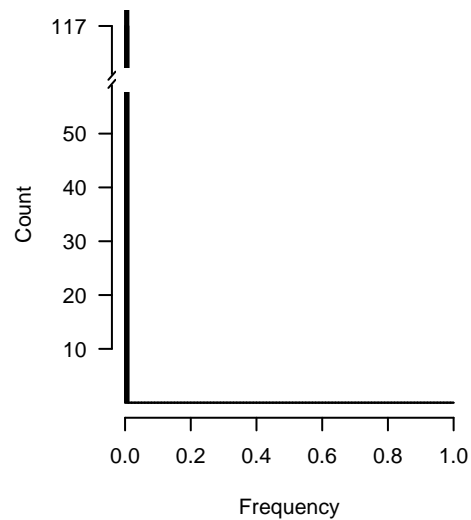
**RT site 634
AA 212**



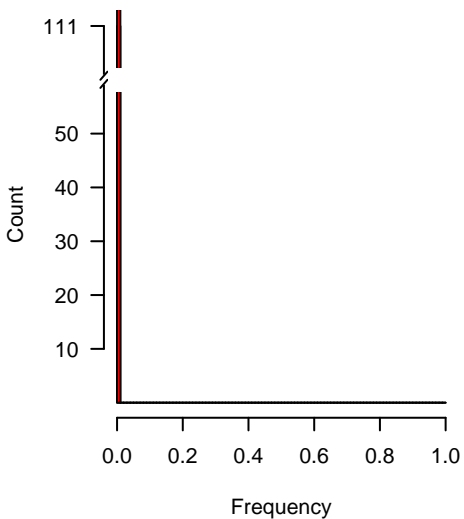
**RT site 635
AA 212**



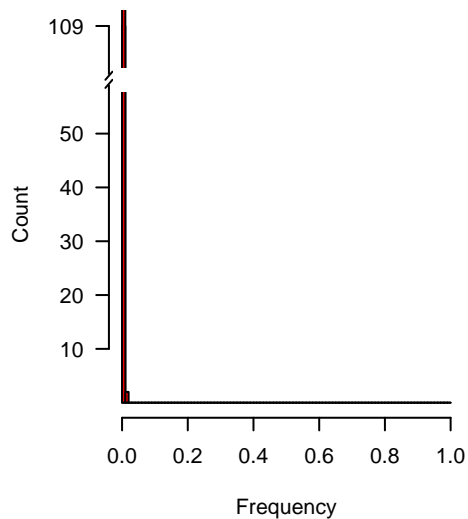
**RT site 636
AA 212**



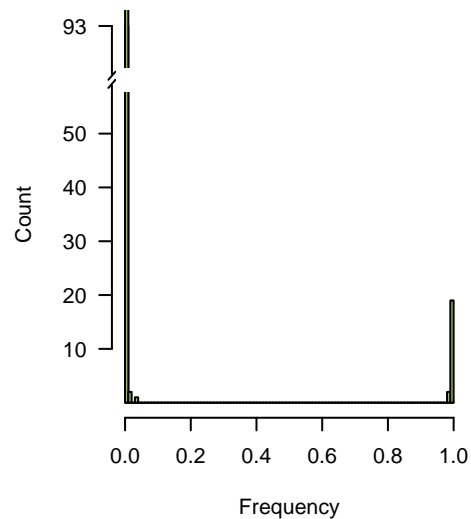
**RT site 637
AA 213**



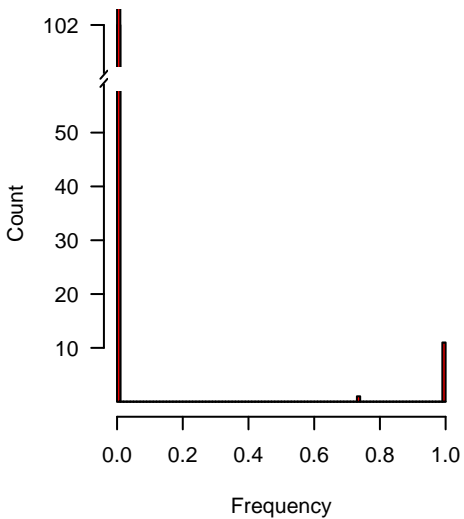
**RT site 638
AA 213**



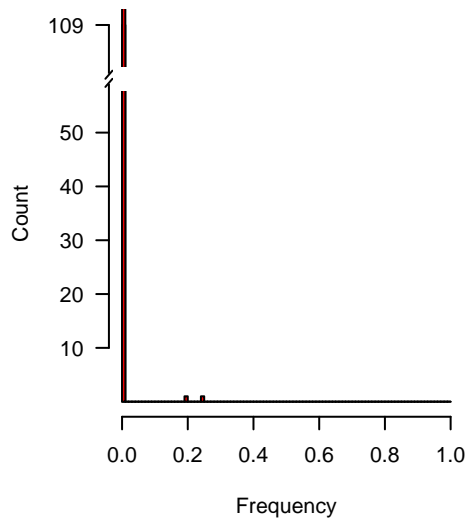
**RT site 639
AA 213**



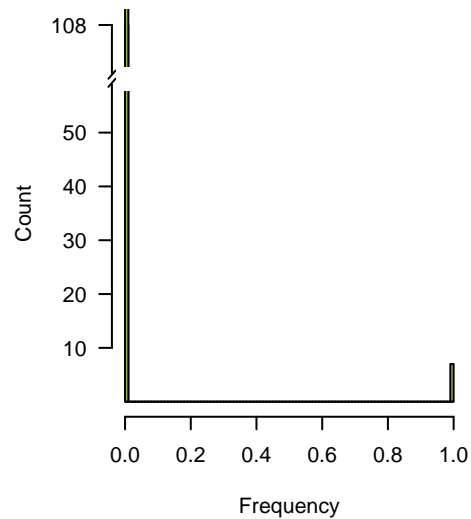
**RT site 640
AA 214**

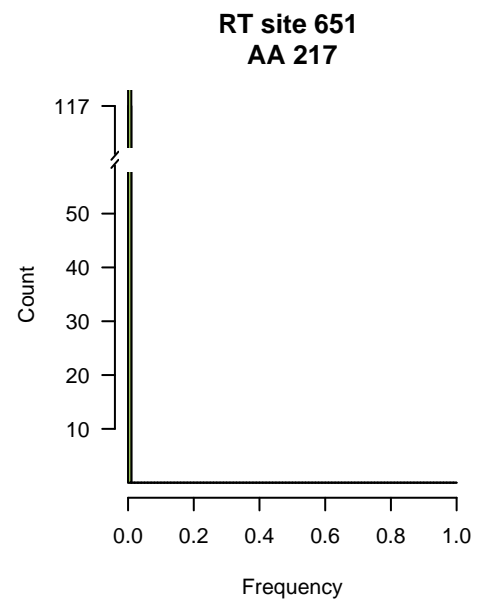
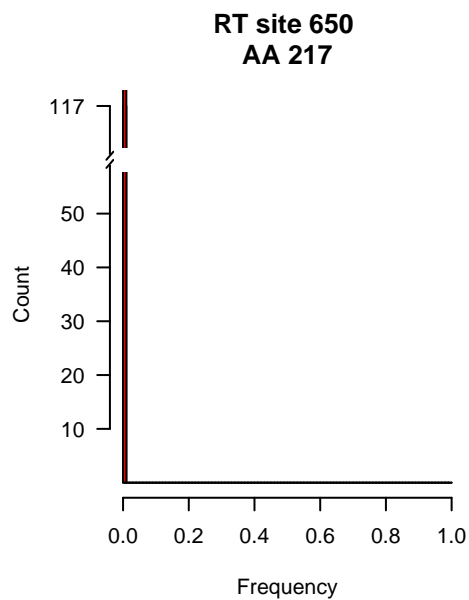
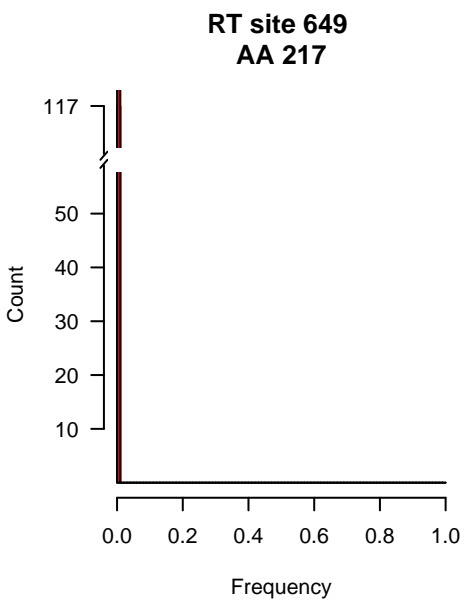
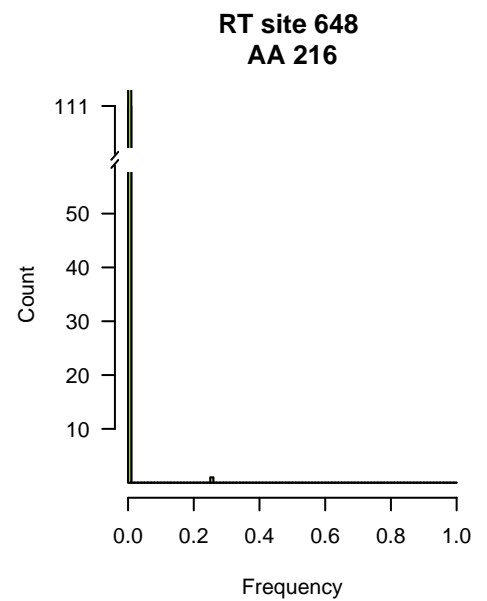
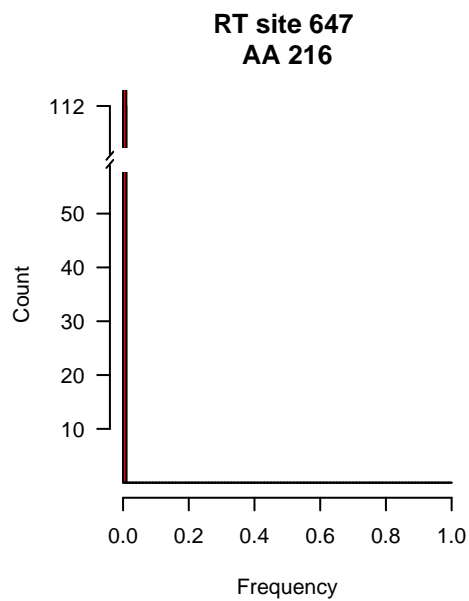
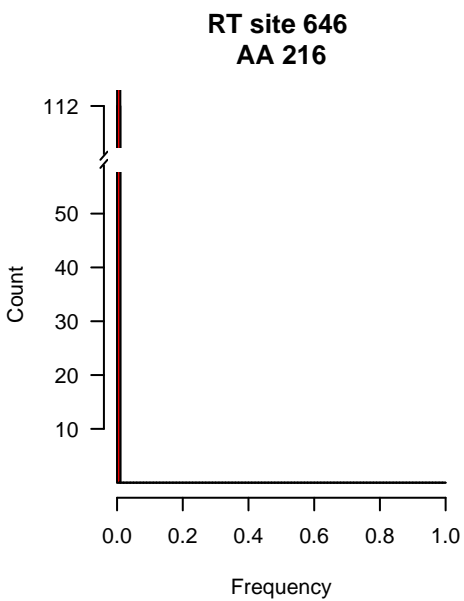
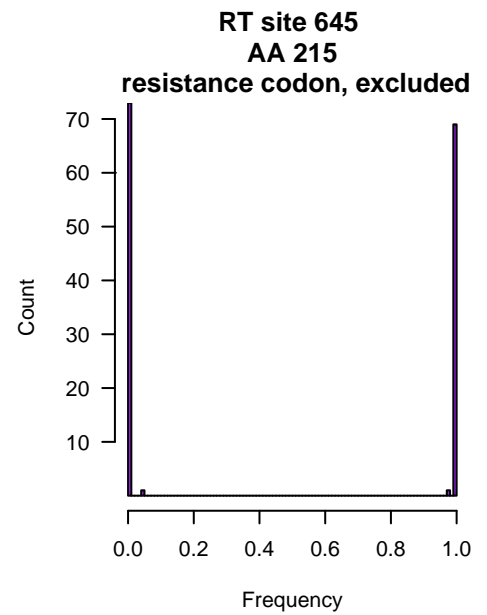
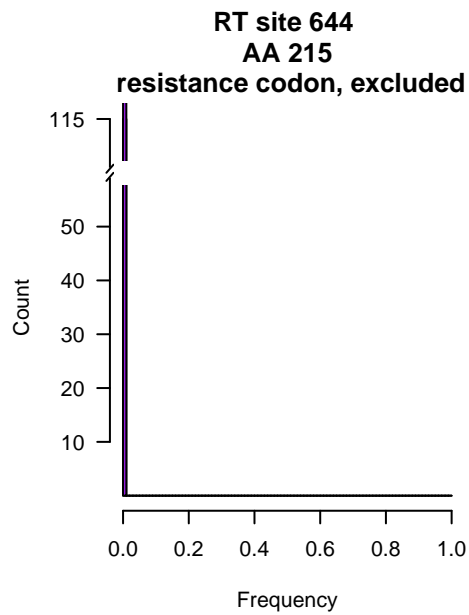
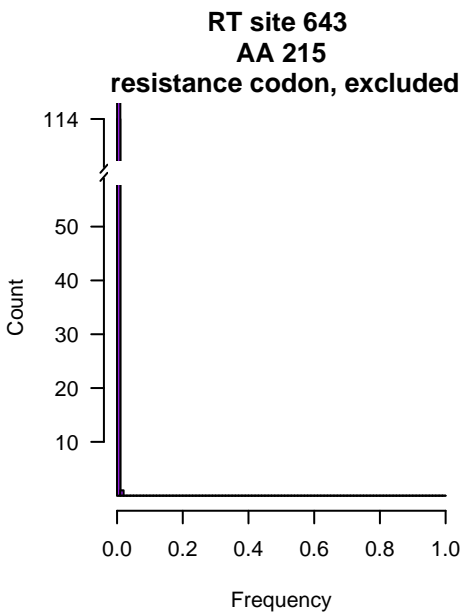


**RT site 641
AA 214**

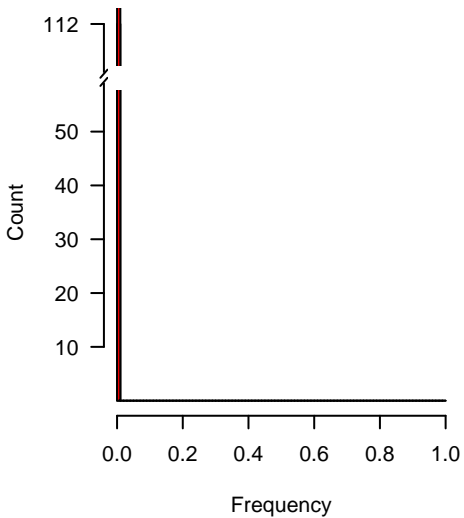


**RT site 642
AA 214**

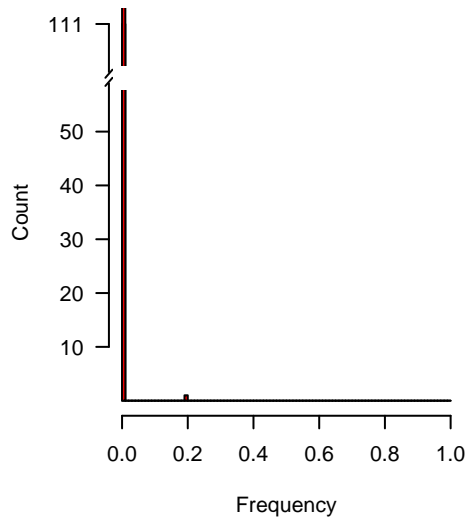




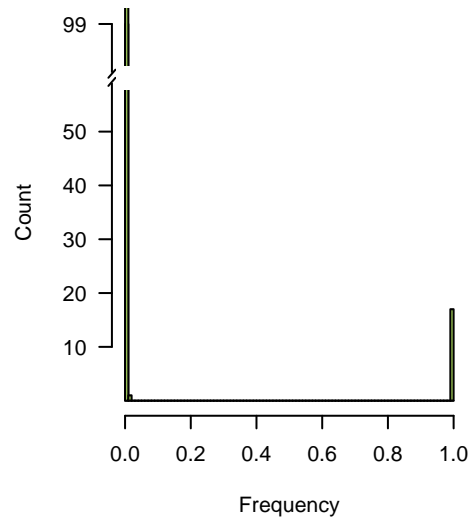
**RT site 652
AA 218**



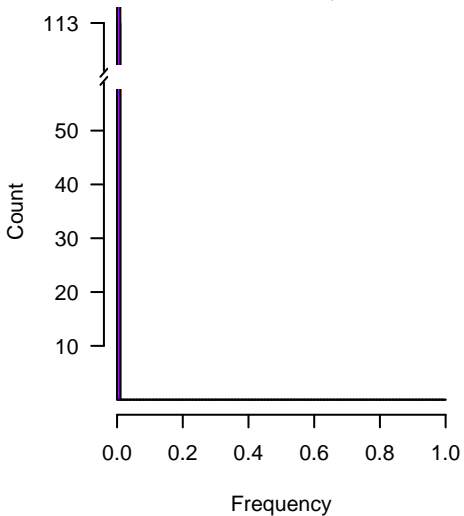
**RT site 653
AA 218**



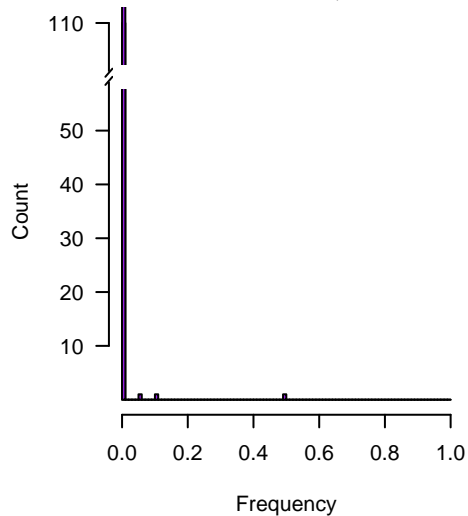
**RT site 654
AA 218**



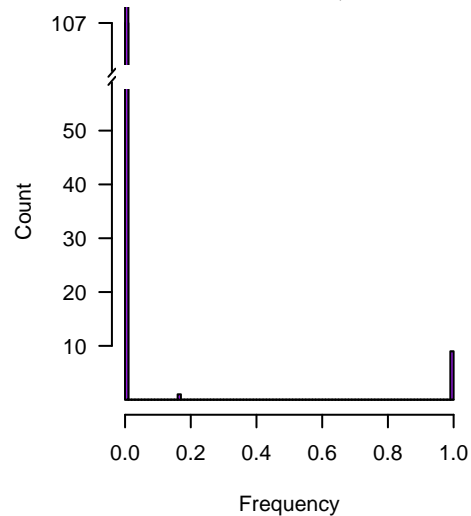
**RT site 655
AA 219
resistance codon, excluded**



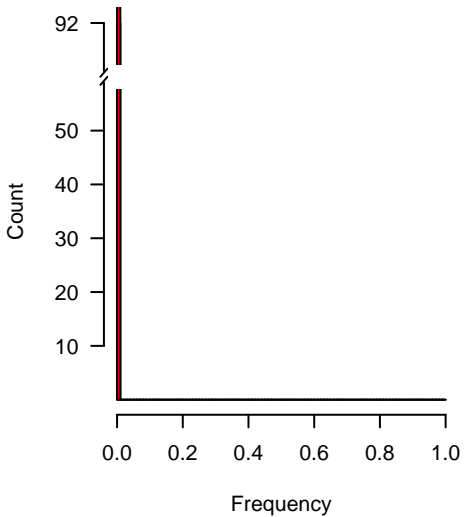
**RT site 656
AA 219
resistance codon, excluded**



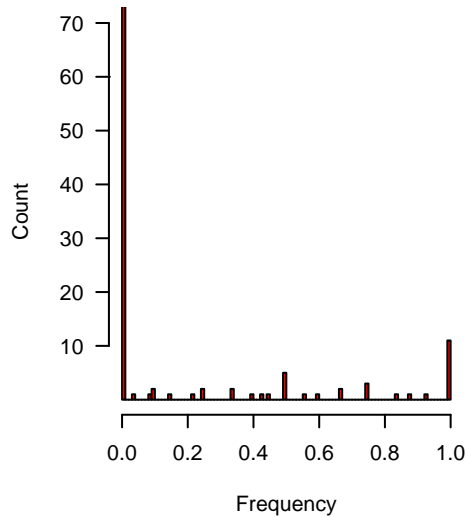
**RT site 657
AA 219
resistance codon, excluded**



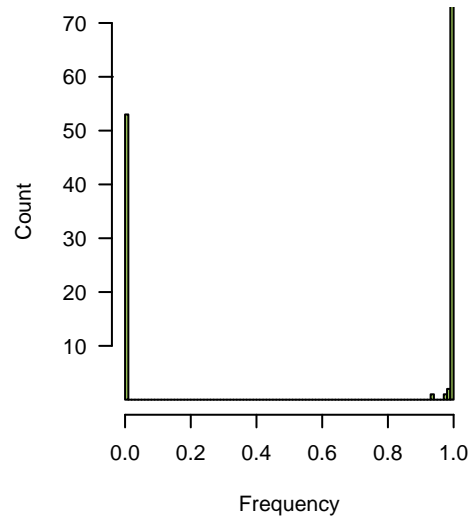
**RT site 658
AA 220**



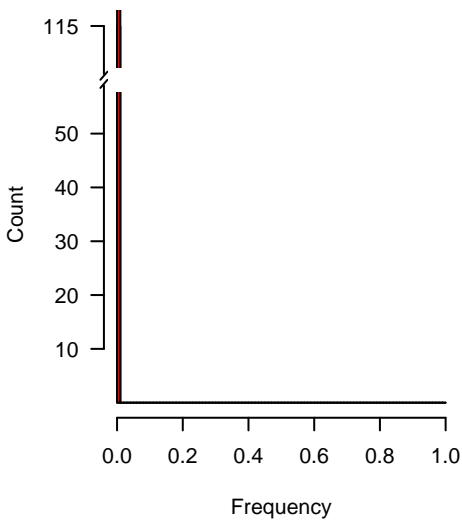
**RT site 659
AA 220**



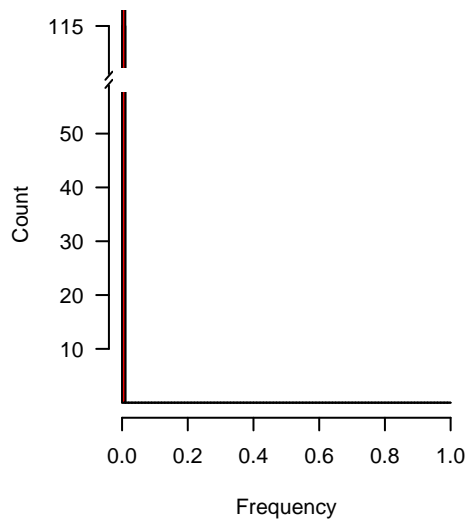
**RT site 660
AA 220**



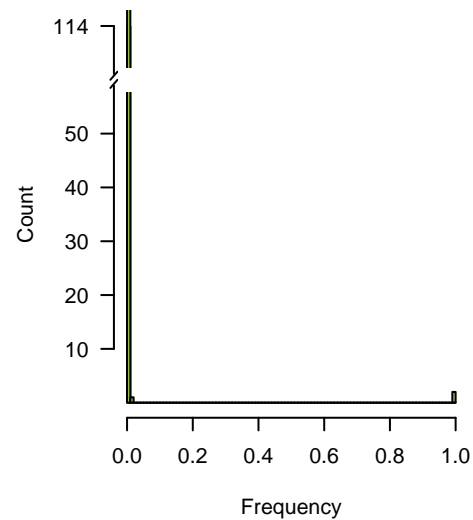
**RT site 661
AA 221**



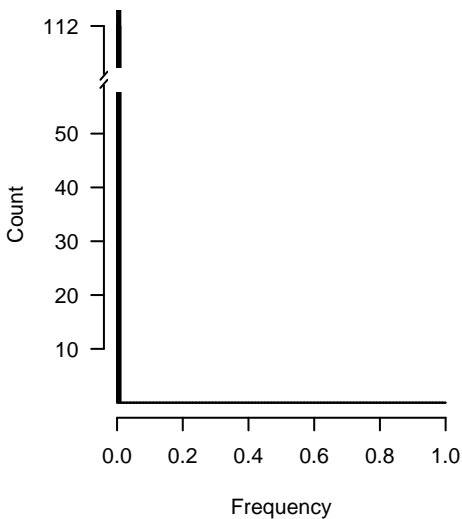
**RT site 662
AA 221**



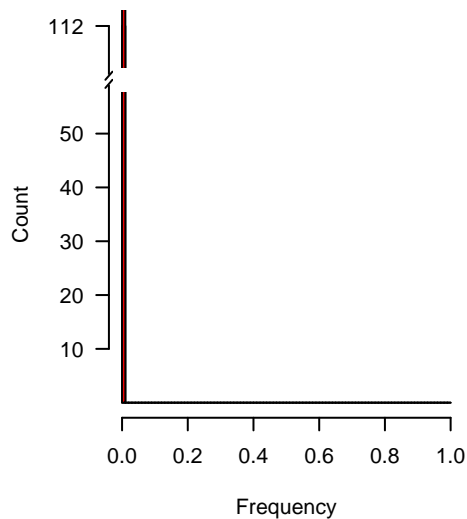
**RT site 663
AA 221**



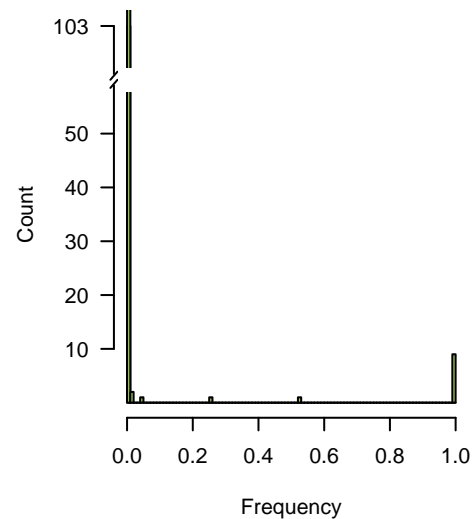
**RT site 664
AA 222**



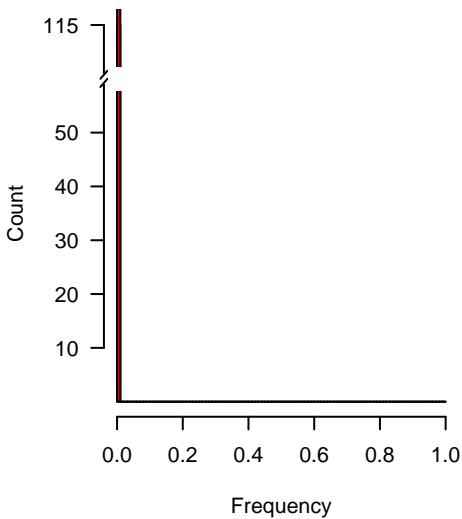
**RT site 665
AA 222**



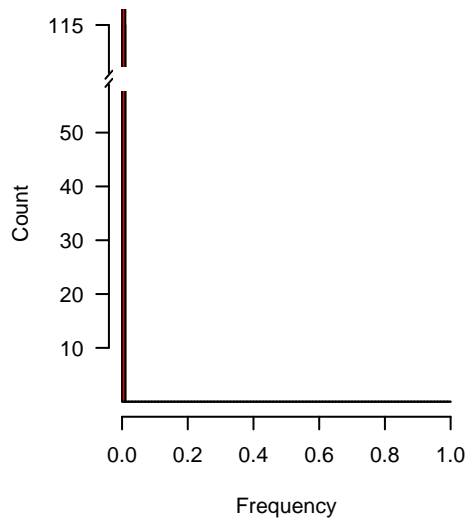
**RT site 666
AA 222**



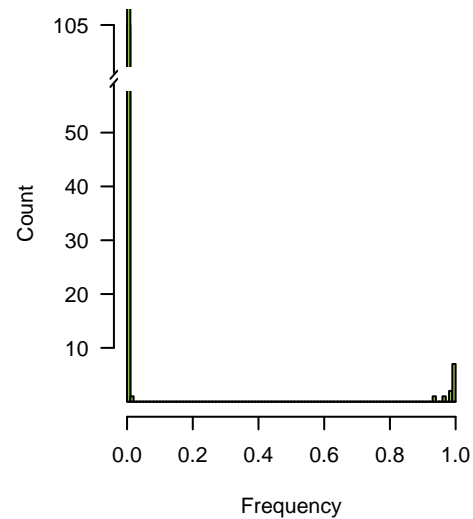
**RT site 667
AA 223**



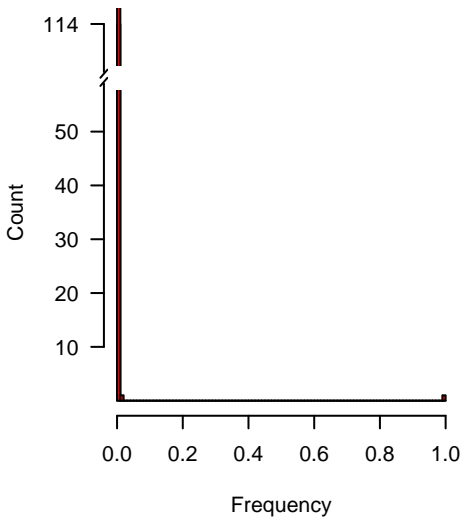
**RT site 668
AA 223**



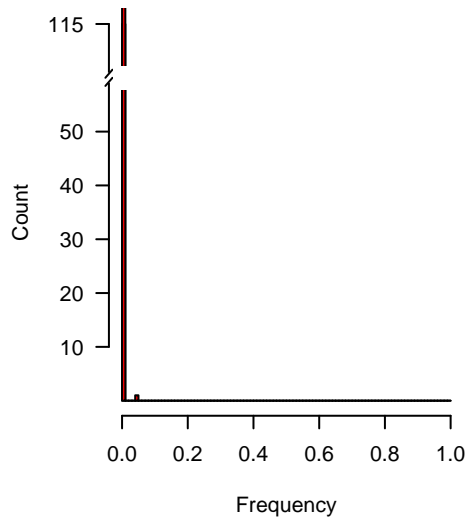
**RT site 669
AA 223**



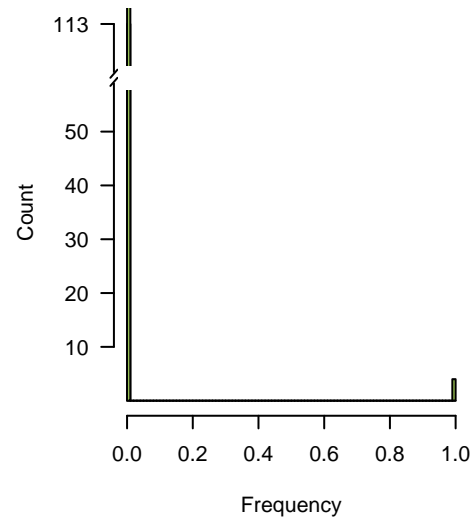
**RT site 670
AA 224**



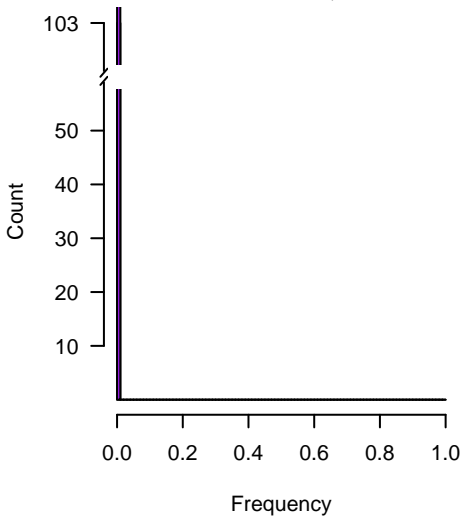
**RT site 671
AA 224**



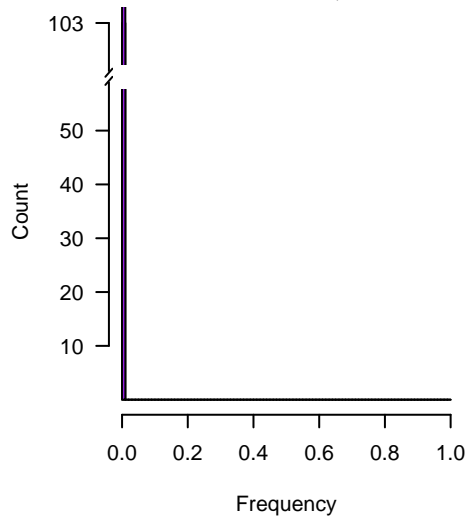
**RT site 672
AA 224**



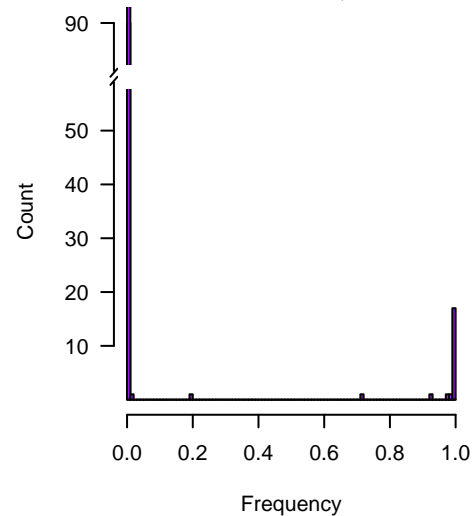
**RT site 673
AA 225
resistance codon, excluded**



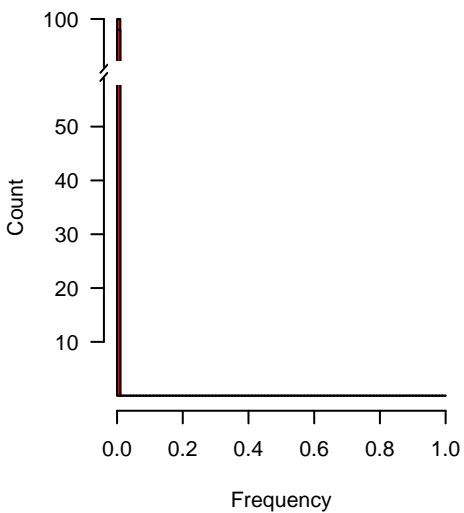
**RT site 674
AA 225
resistance codon, excluded**



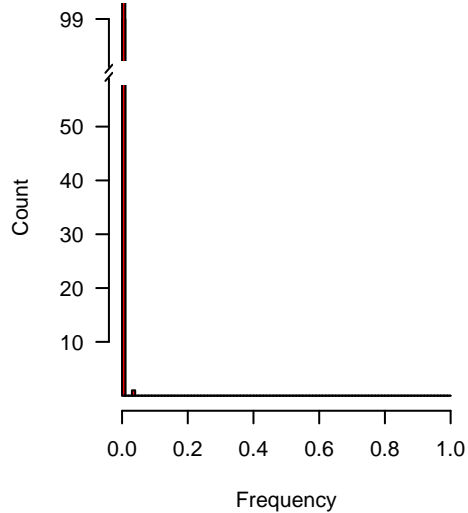
**RT site 675
AA 225
resistance codon, excluded**



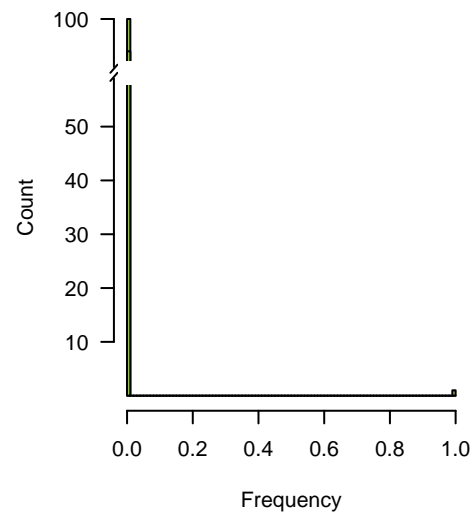
**RT site 676
AA 226**



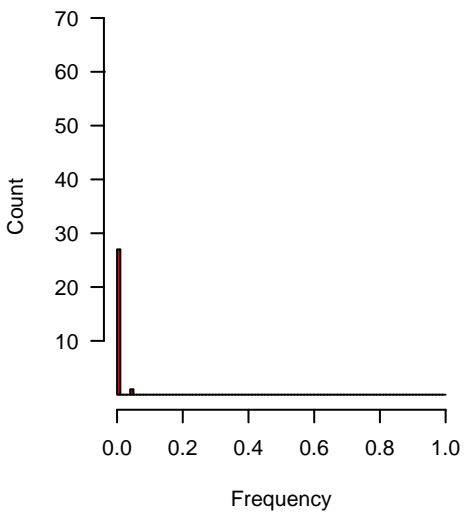
**RT site 677
AA 226**



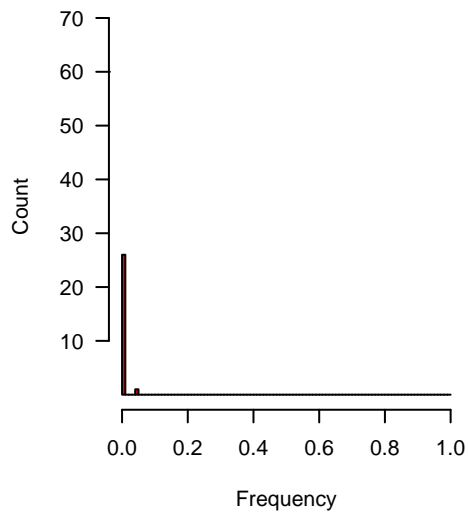
**RT site 678
AA 226**



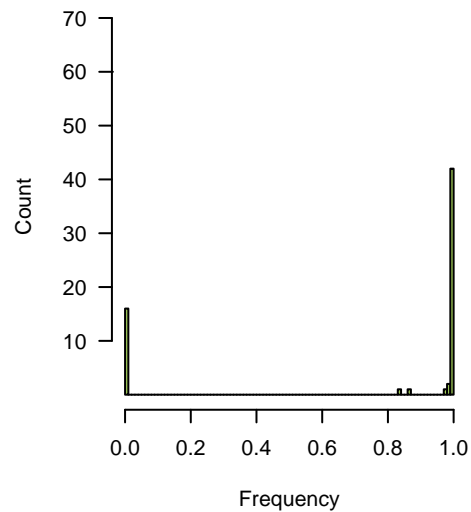
**RT site 679
AA 227**



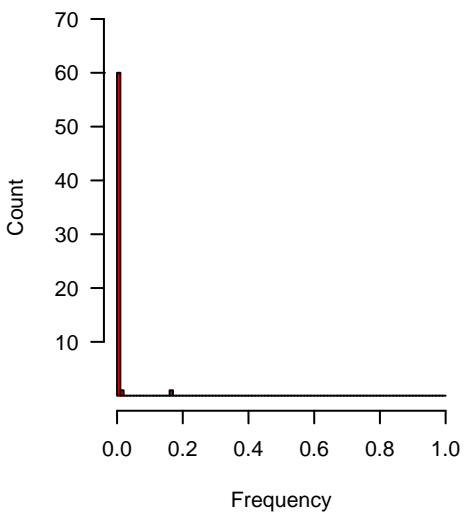
**RT site 680
AA 227**



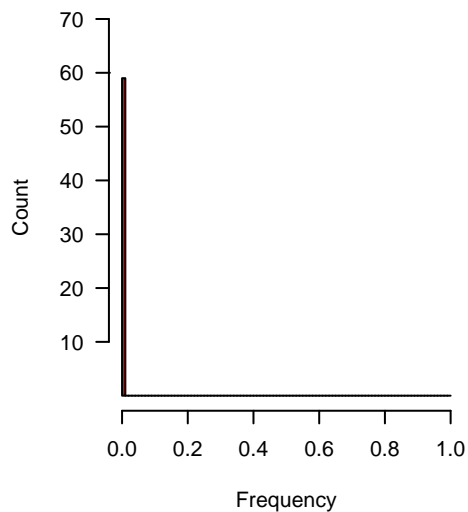
**RT site 681
AA 227**



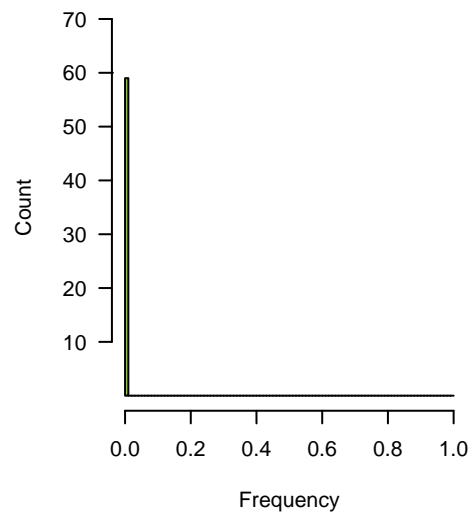
**RT site 682
AA 228**



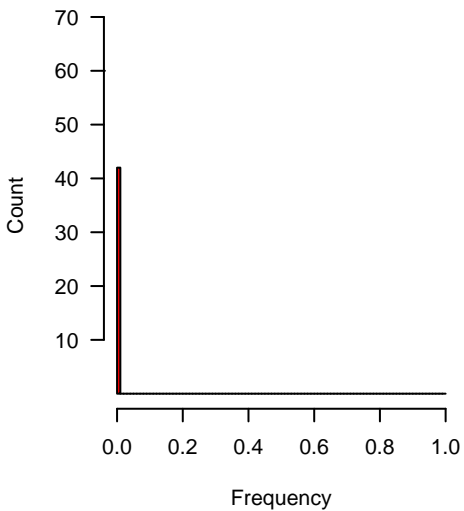
**RT site 683
AA 228**



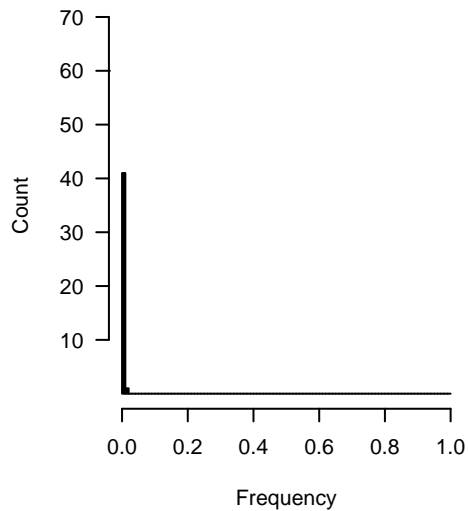
**RT site 684
AA 228**



**RT site 685
AA 229**



**RT site 686
AA 229**



**RT site 687
AA 229**

