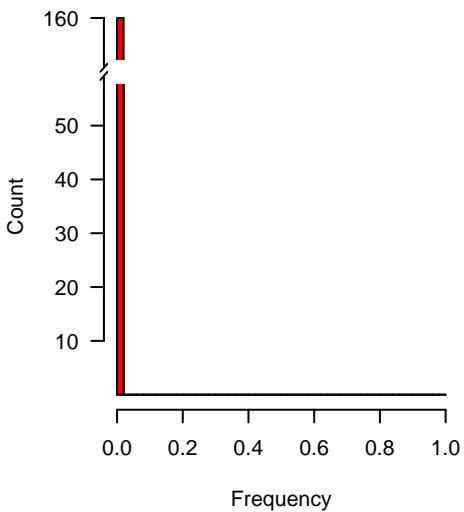
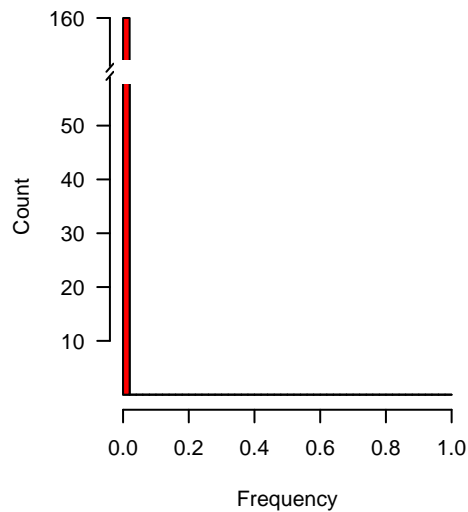


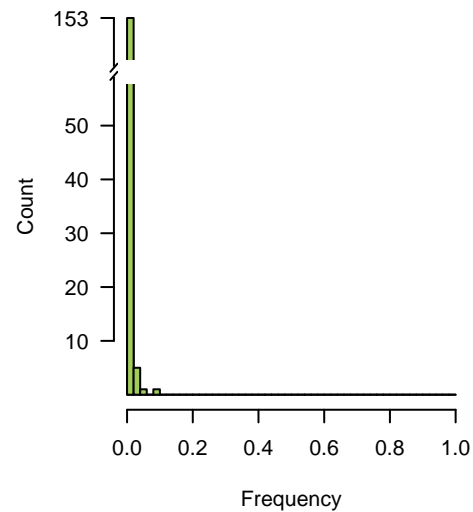
**Protease site 1**  
**AA 1**



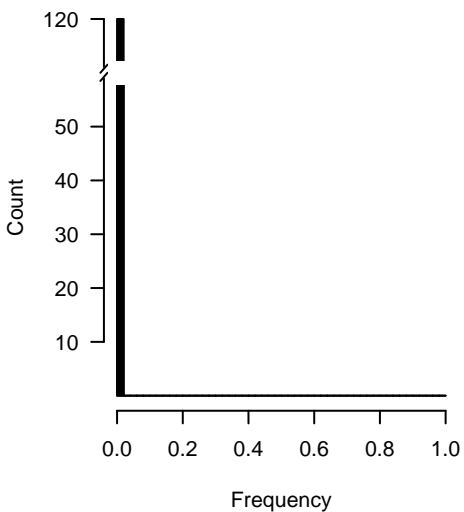
**Protease site 2**  
**AA 1**



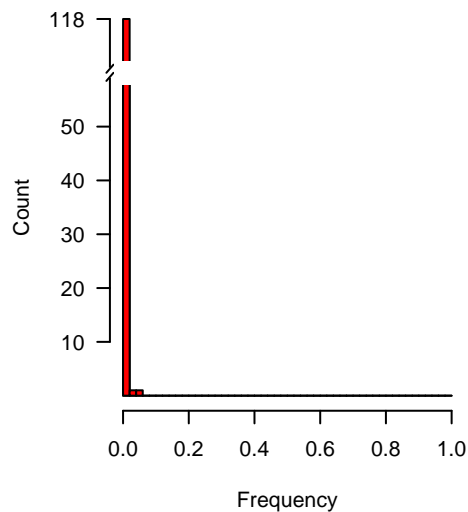
**Protease site 3**  
**AA 1**



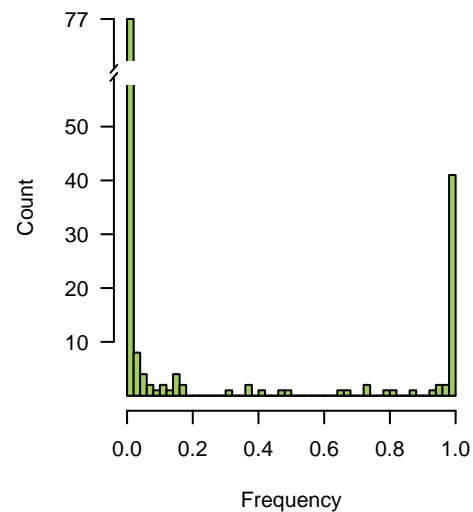
**Protease site 4**  
**AA 2**



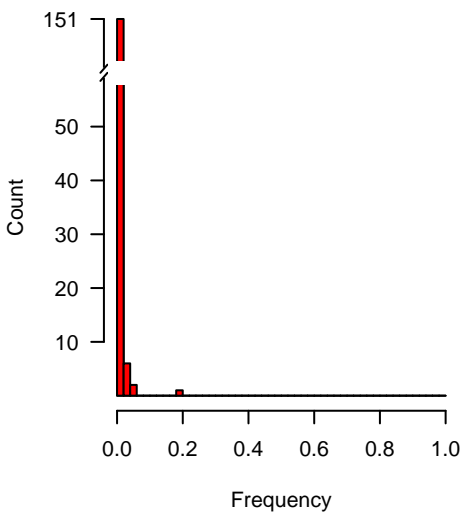
**Protease site 5**  
**AA 2**



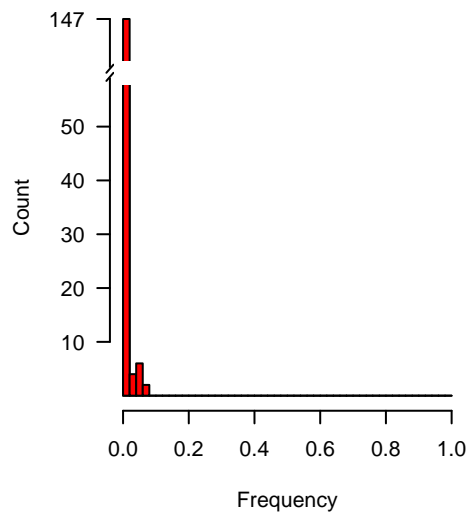
**Protease site 6**  
**AA 2 (site excluded)**



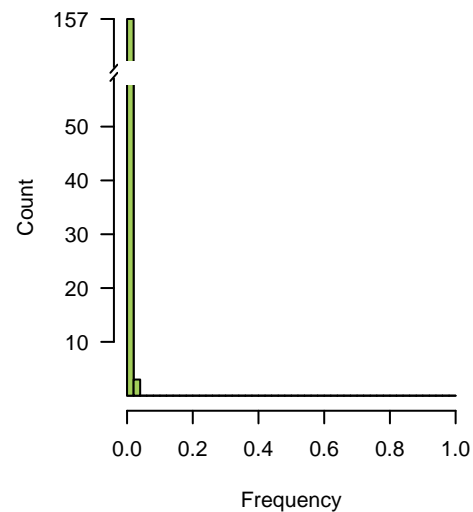
**Protease site 7**  
**AA 3**



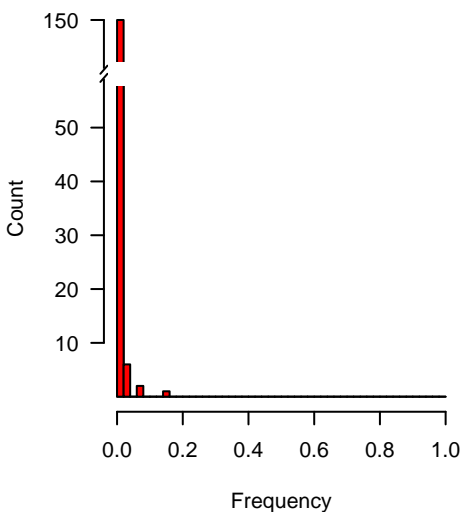
**Protease site 8**  
**AA 3**



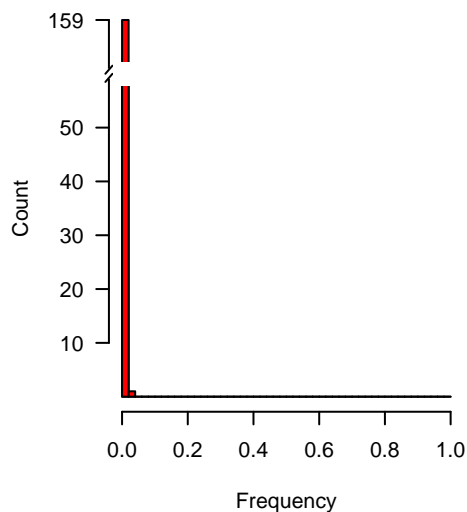
**Protease site 9**  
**AA 3**



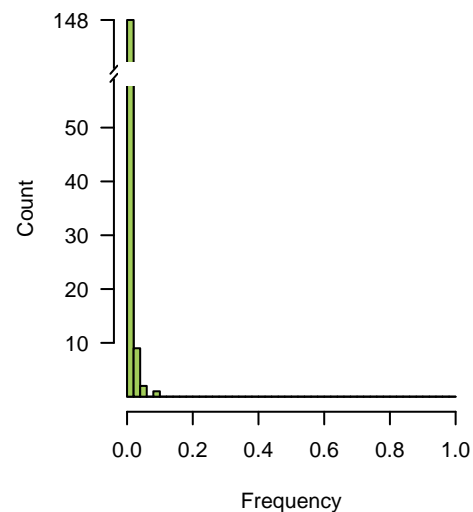
**Protease site 10**  
**AA 4**



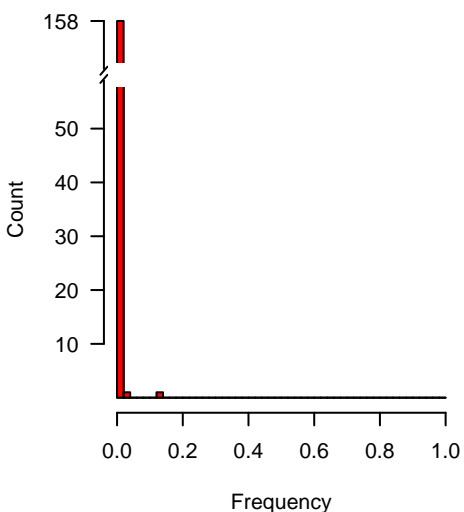
**Protease site 11**  
**AA 4**



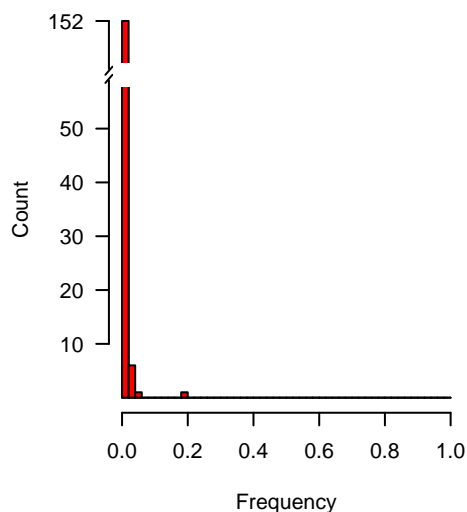
**Protease site 12**  
**AA 4**



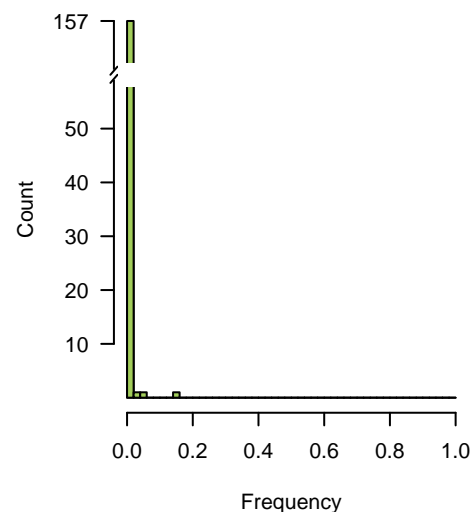
**Protease site 13**  
**AA 5**



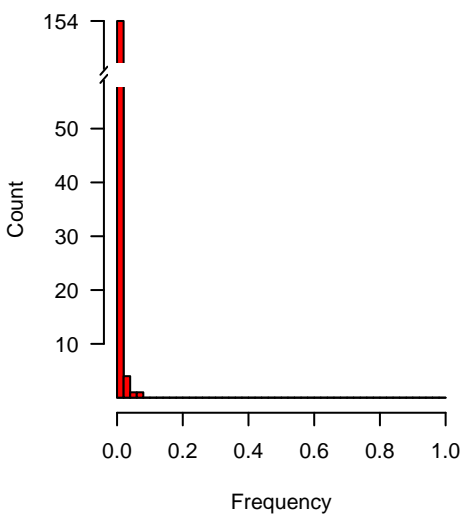
**Protease site 14**  
**AA 5**



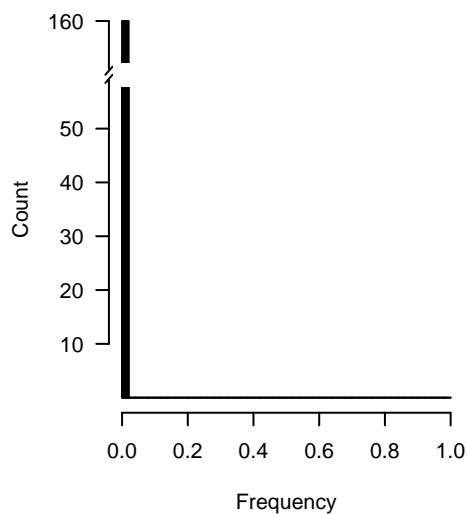
**Protease site 15**  
**AA 5**



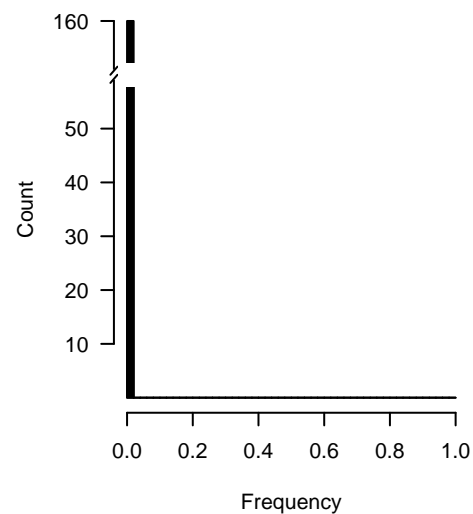
**Protease site 16**  
**AA 6**



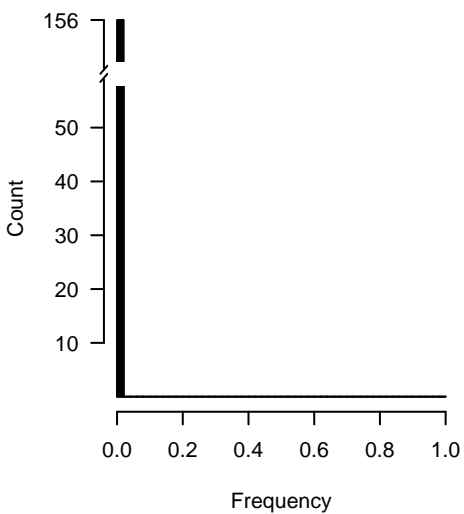
**Protease site 17**  
**AA 6**



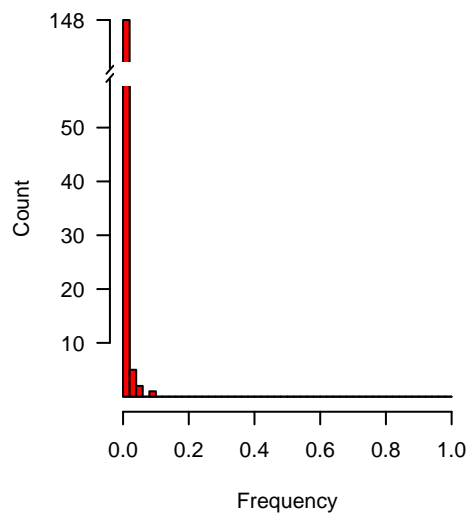
**Protease site 18**  
**AA 6**



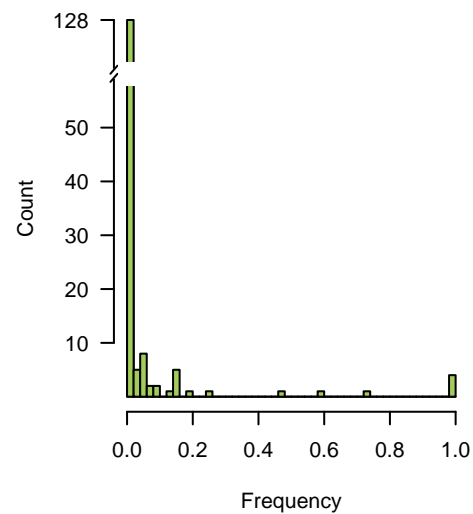
**Protease site 19**  
**AA 7**



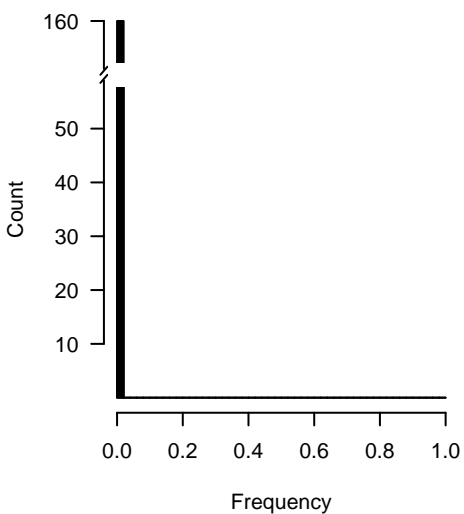
**Protease site 20**  
**AA 7**



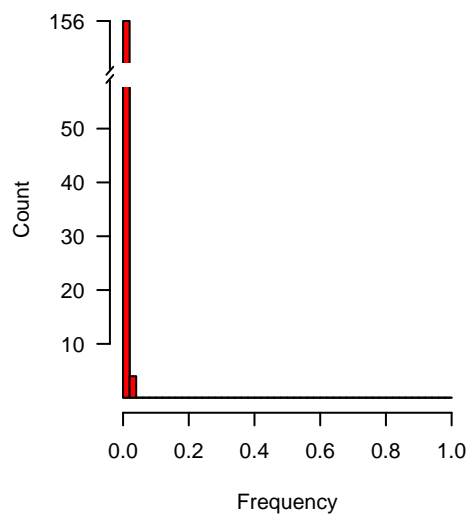
**Protease site 21**  
**AA 7**



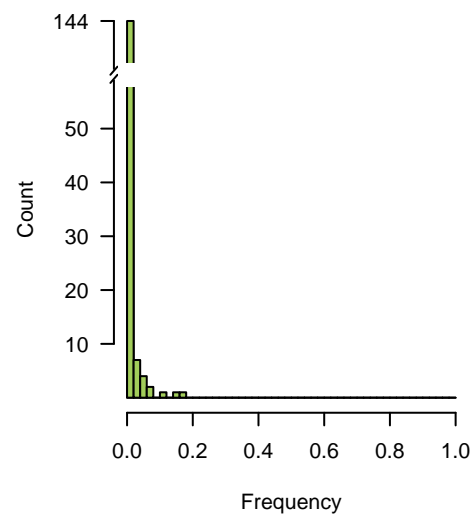
**Protease site 22**  
**AA 8**



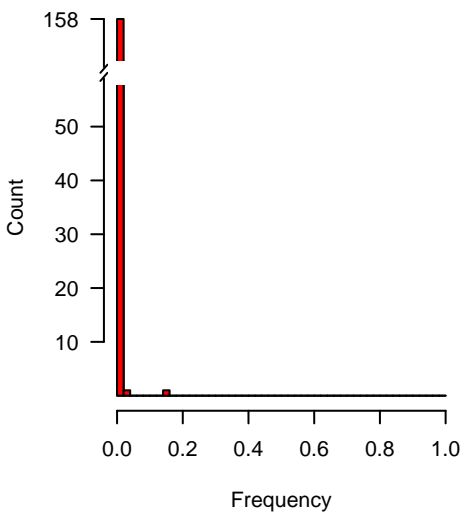
**Protease site 23**  
**AA 8**



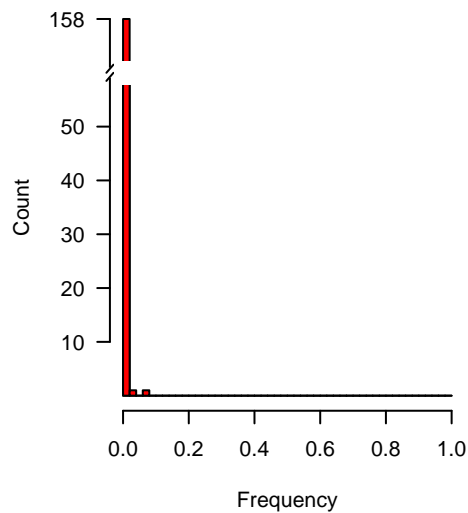
**Protease site 24**  
**AA 8**



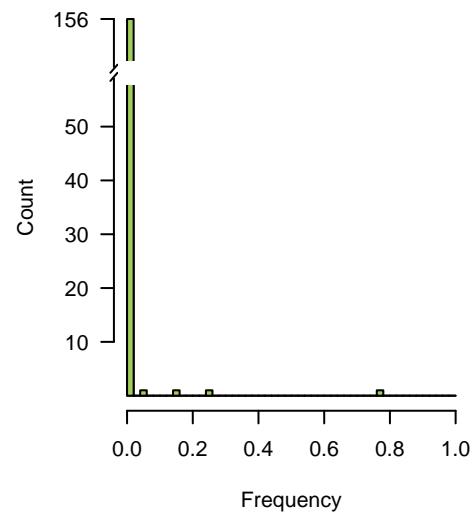
**Protease site 25**  
**AA 9**



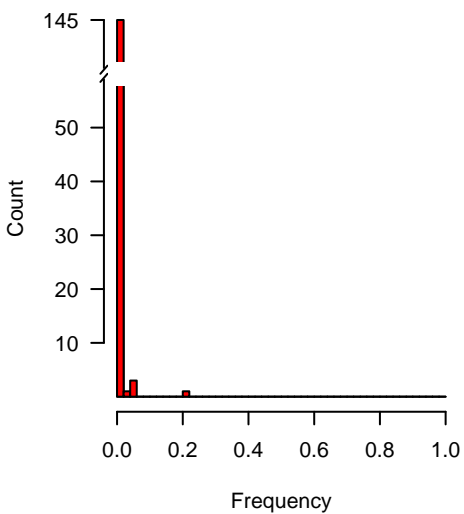
**Protease site 26**  
**AA 9**



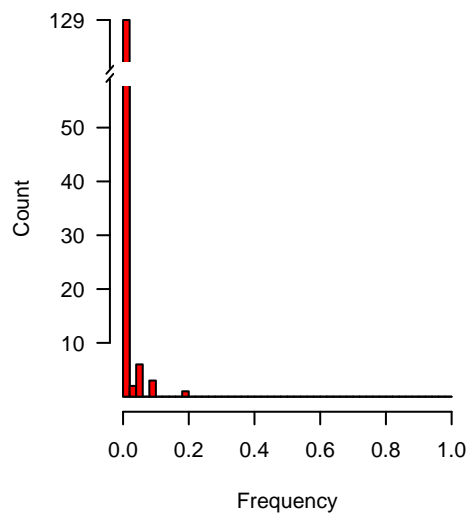
**Protease site 27**  
**AA 9**



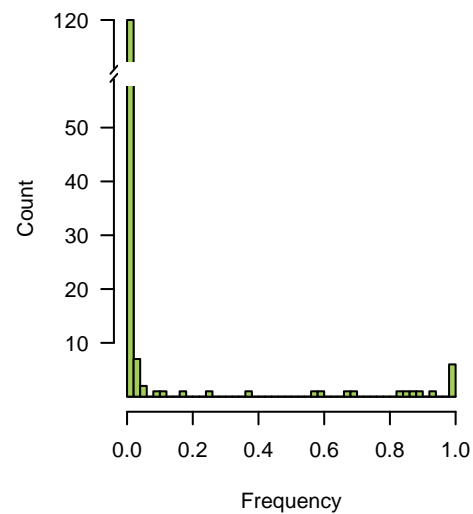
**Protease site 28**  
**AA 10**



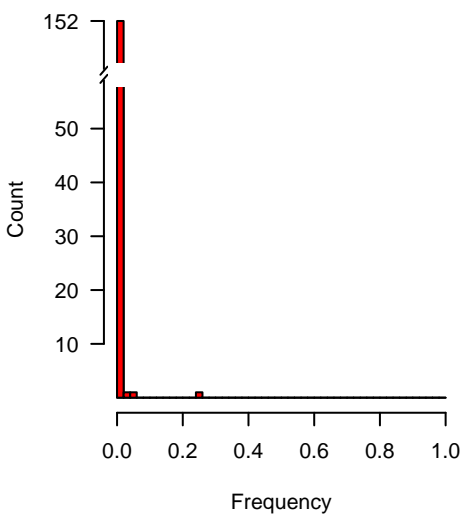
**Protease site 29**  
**AA 10**



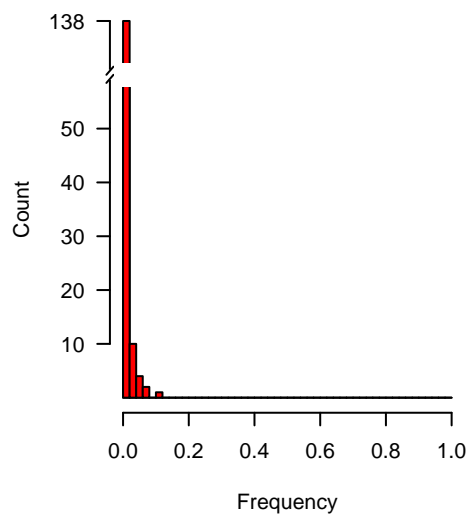
**Protease site 30**  
**AA 10 (site excluded)**



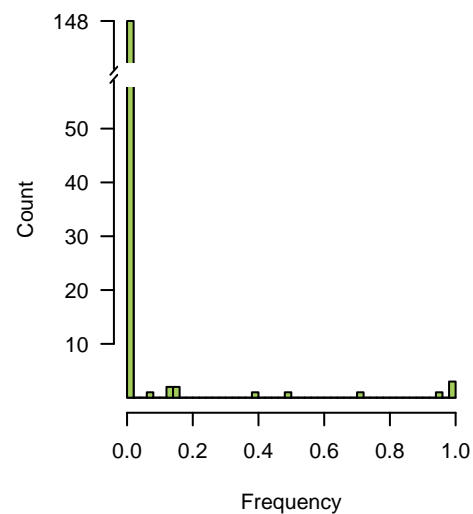
**Protease site 31**  
**AA 11**



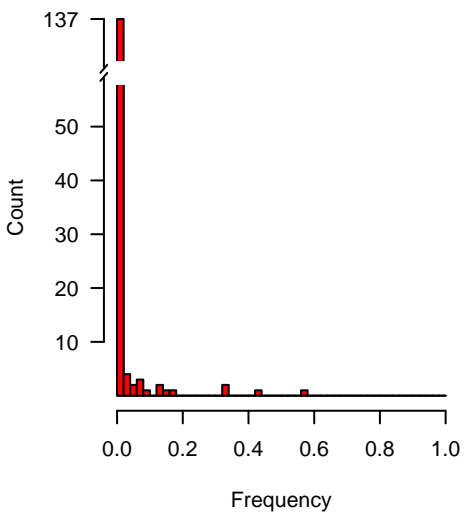
**Protease site 32**  
**AA 11**



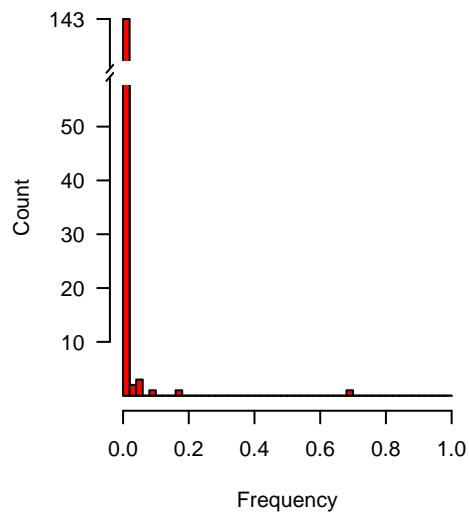
**Protease site 33**  
**AA 11**



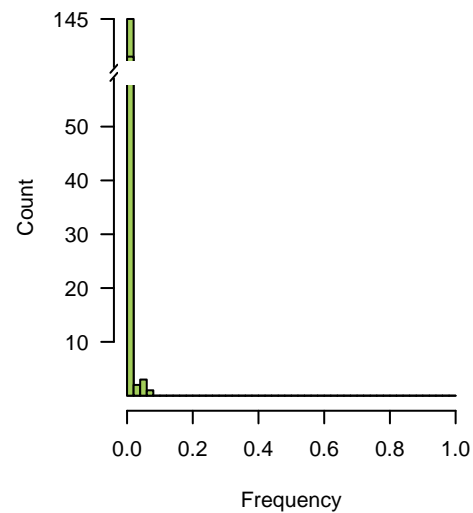
**Protease site 34**  
**AA 12**



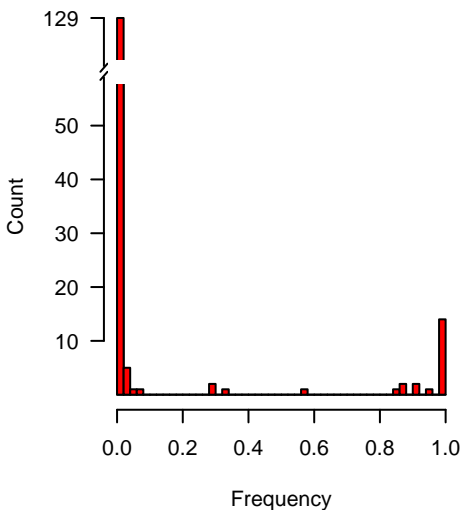
**Protease site 35**  
**AA 12**



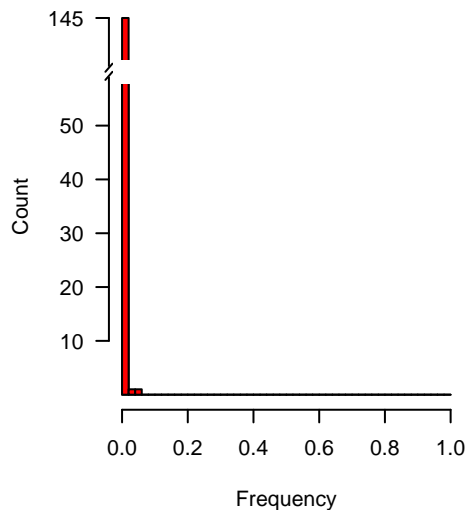
**Protease site 36**  
**AA 12**



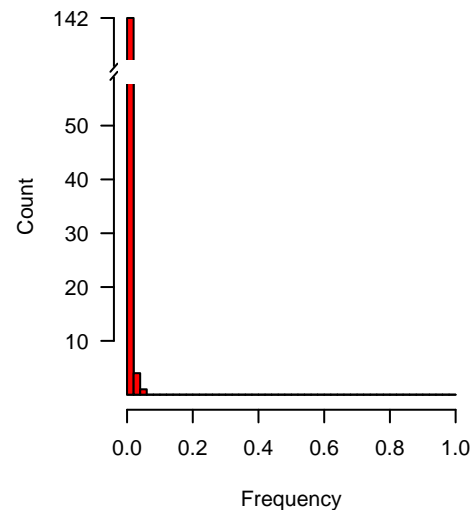
**Protease site 37**  
**AA 13 (site excluded)**



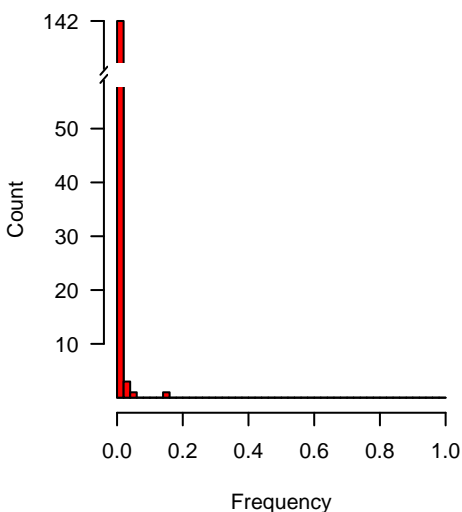
**Protease site 38**  
**AA 13**



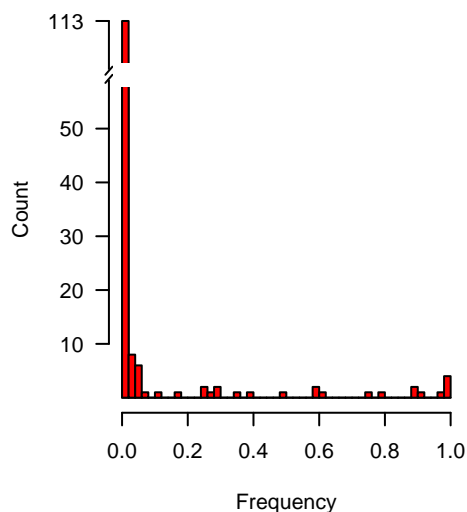
**Protease site 39**  
**AA 13**



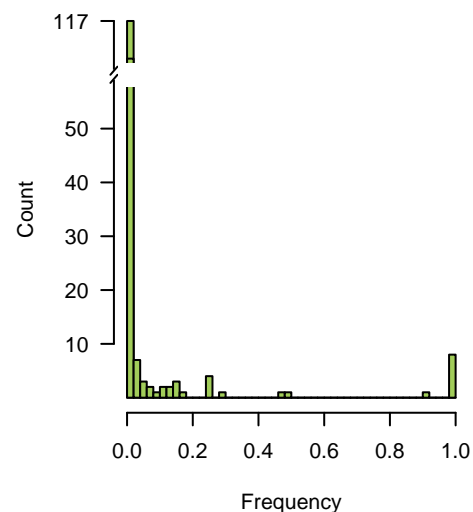
**Protease site 40**  
**AA 14**



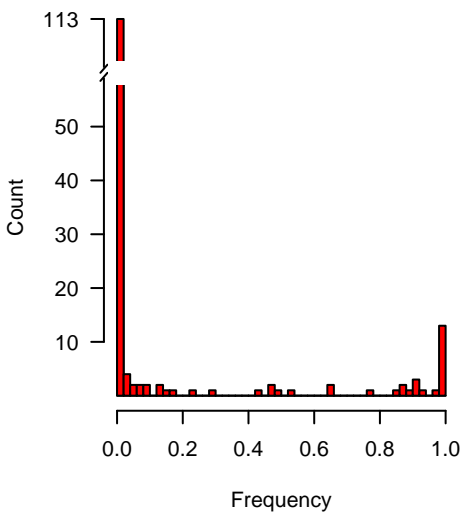
**Protease site 41**  
**AA 14 (site excluded)**



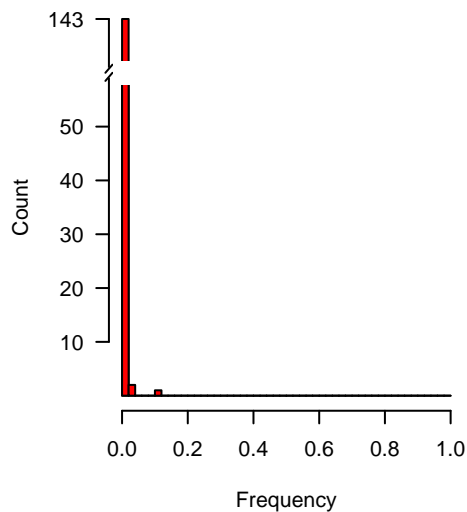
**Protease site 42**  
**AA 14**



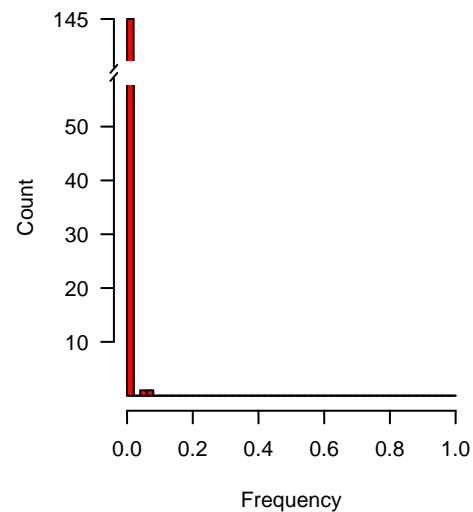
**Protease site 43**  
**AA 15 (site excluded)**



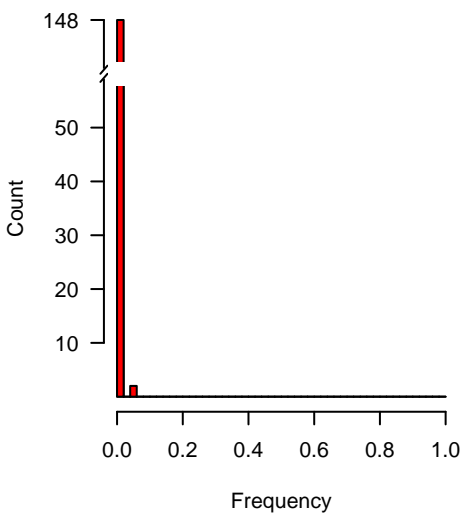
**Protease site 44**  
**AA 15**



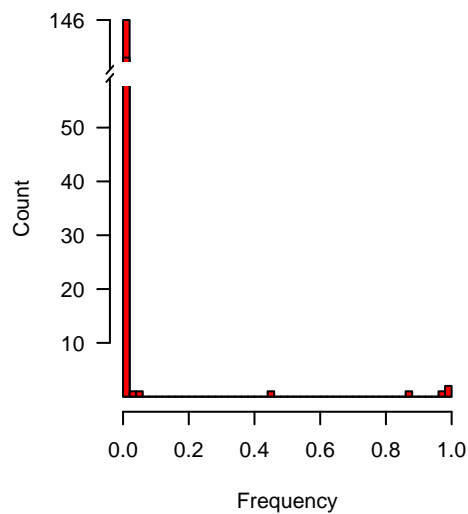
**Protease site 45**  
**AA 15**



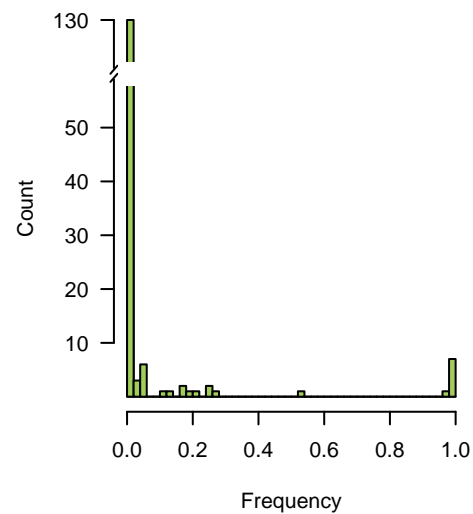
**Protease site 46**  
**AA 16**



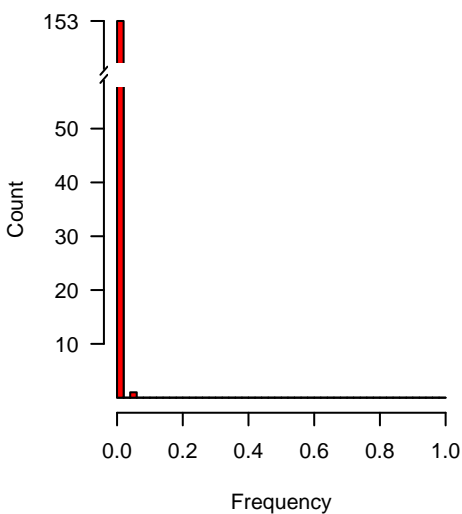
**Protease site 47**  
**AA 16**



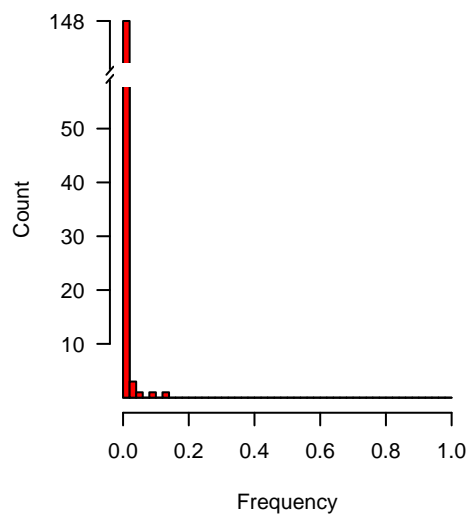
**Protease site 48**  
**AA 16**



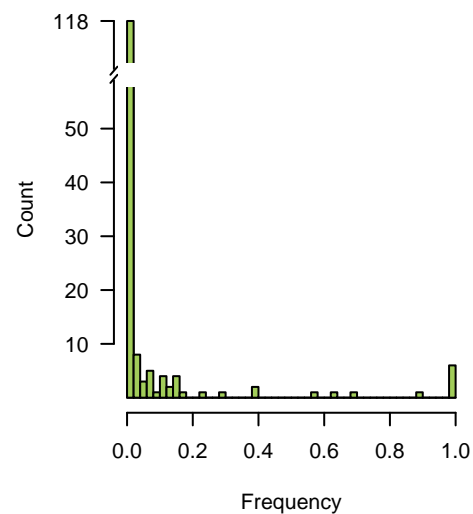
**Protease site 49**  
**AA 17**



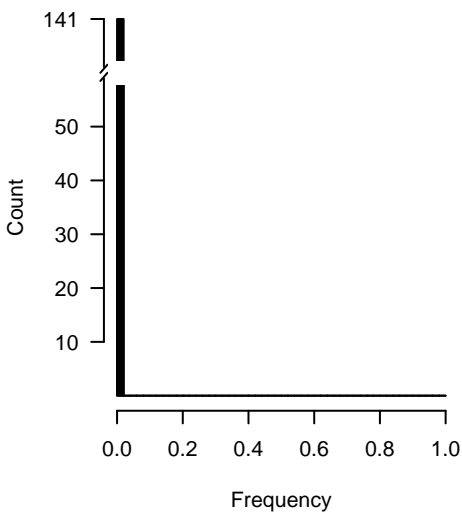
**Protease site 50**  
**AA 17**



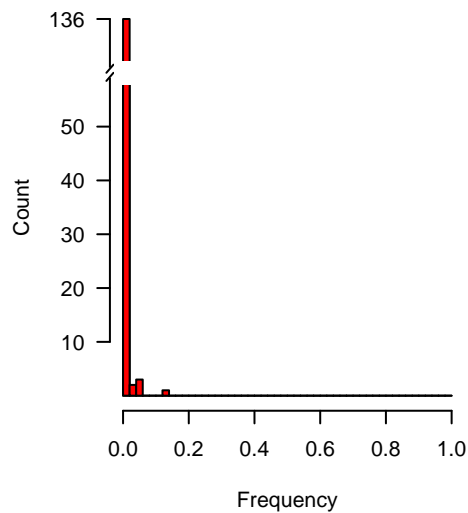
**Protease site 51**  
**AA 17**



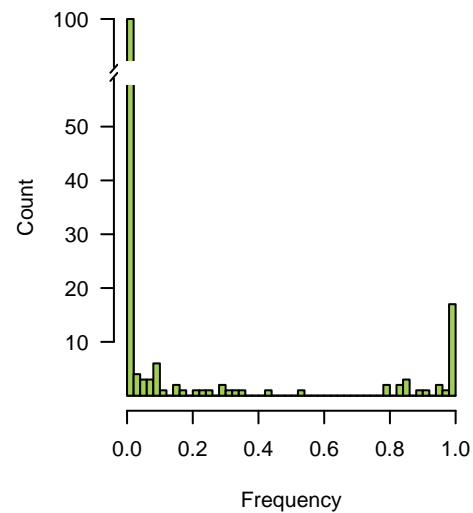
**Protease site 52**  
**AA 18**



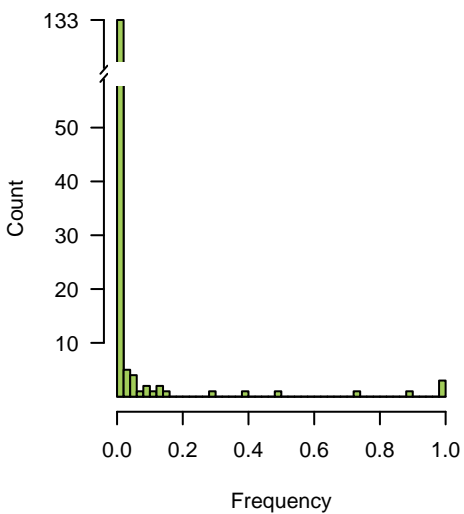
**Protease site 53**  
**AA 18**



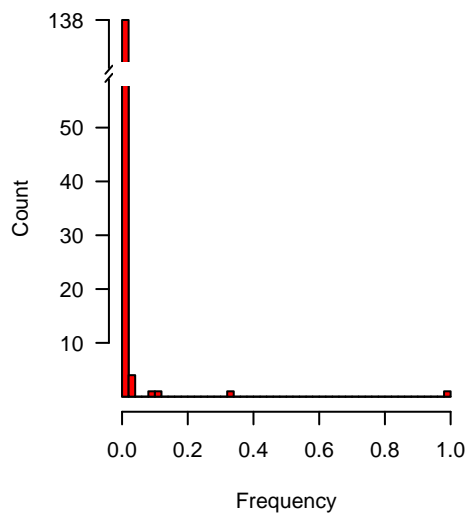
**Protease site 54**  
**AA 18 (site excluded)**



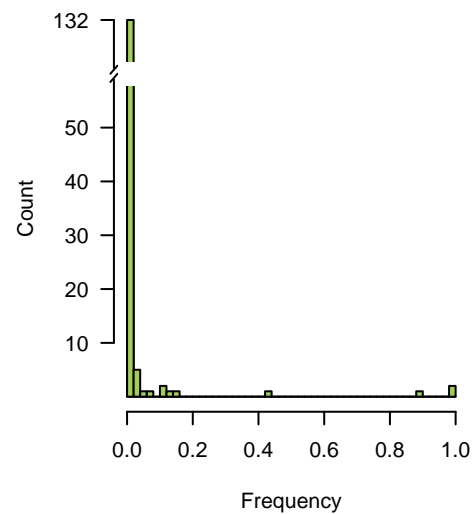
**Protease site 55**  
**AA 19 (site excluded)**



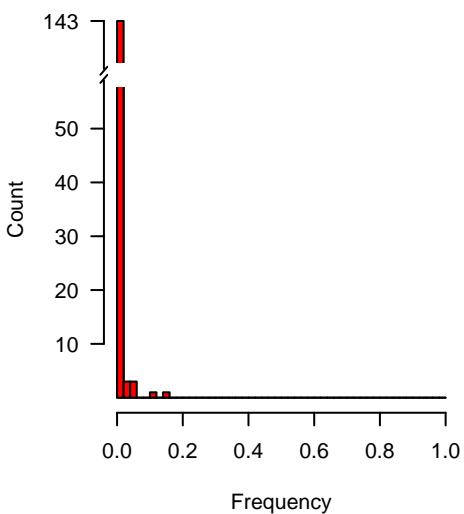
**Protease site 56**  
**AA 19**



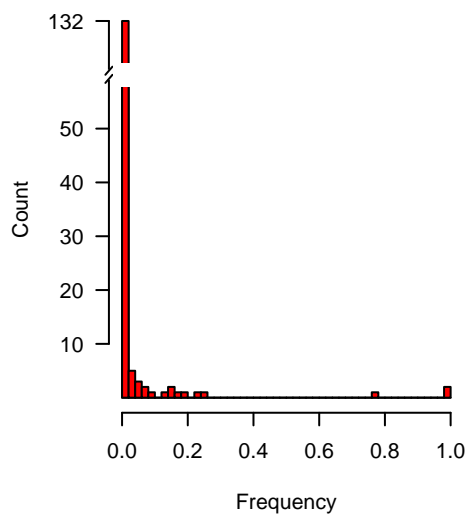
**Protease site 57**  
**AA 19**



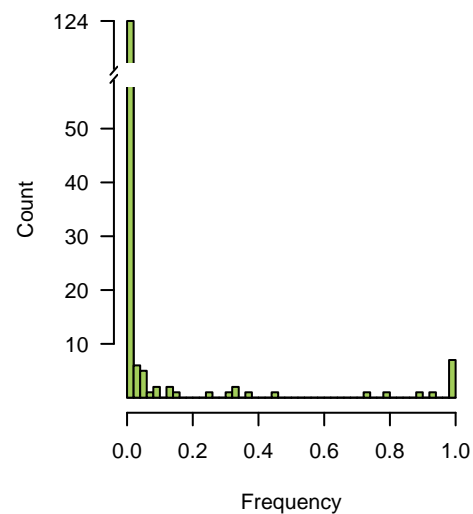
**Protease site 58**  
**AA 20**



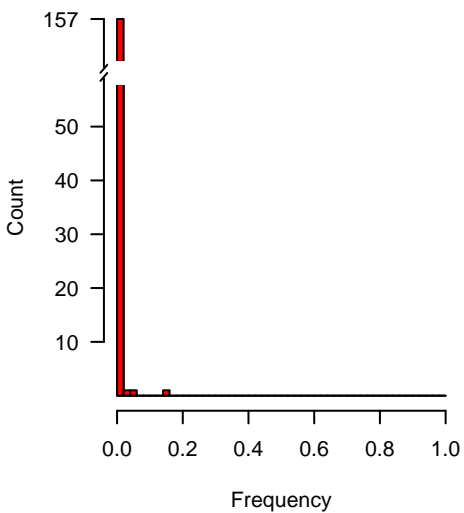
**Protease site 59**  
**AA 20**



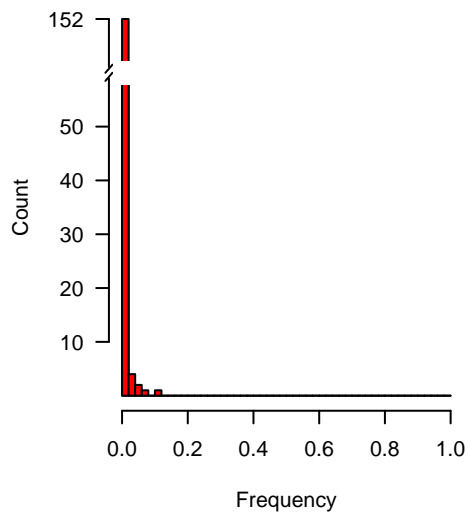
**Protease site 60**  
**AA 20**



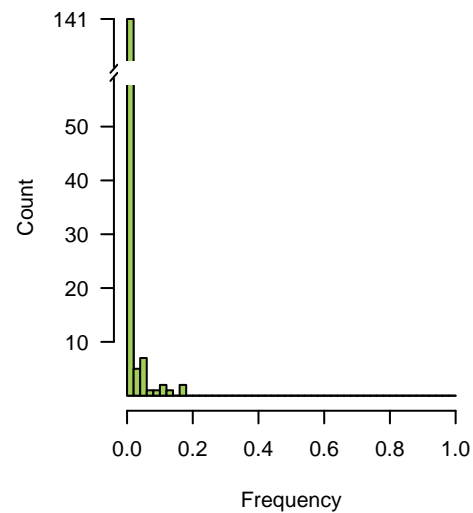
**Protease site 61**  
**AA 21**



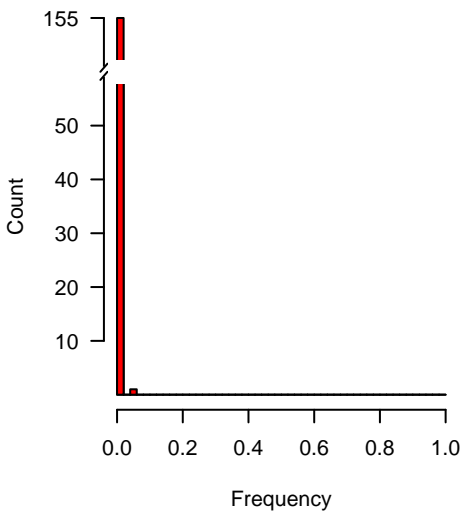
**Protease site 62**  
**AA 21**



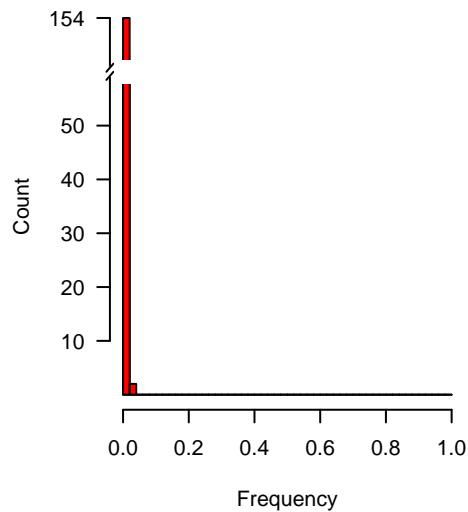
**Protease site 63**  
**AA 21**



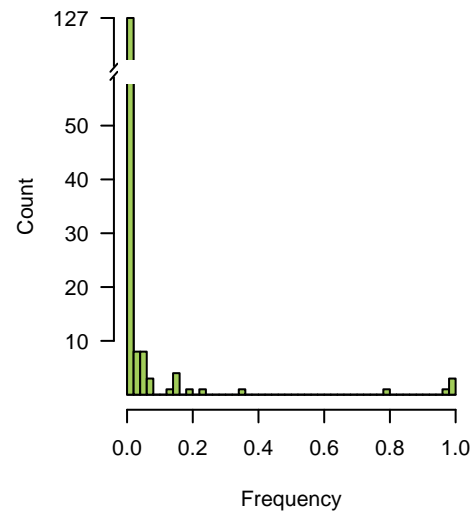
**Protease site 64**  
**AA 22**



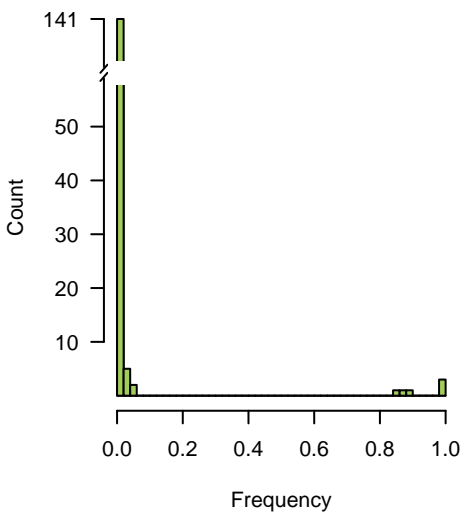
**Protease site 65**  
**AA 22**



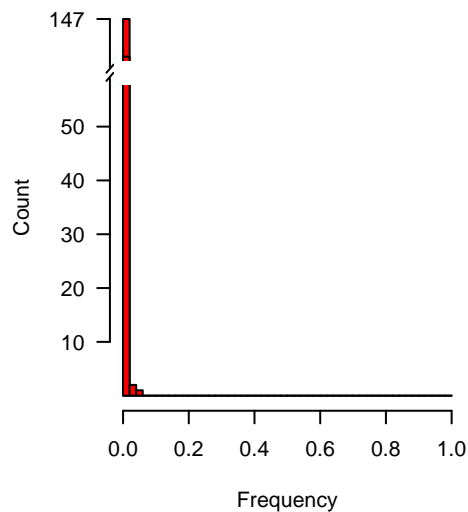
**Protease site 66**  
**AA 22**



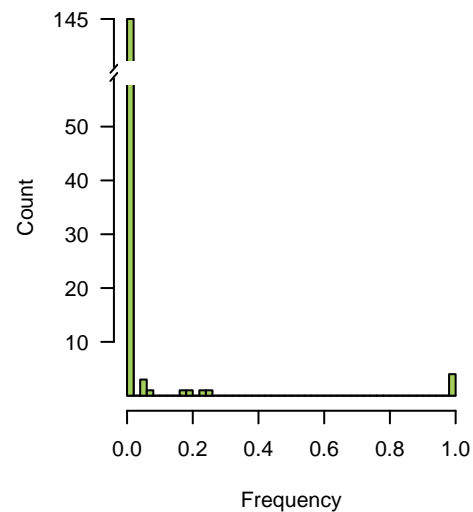
**Protease site 67**  
**AA 23**



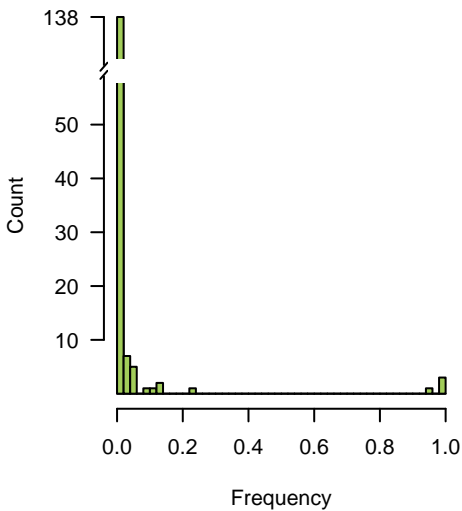
**Protease site 68**  
**AA 23**



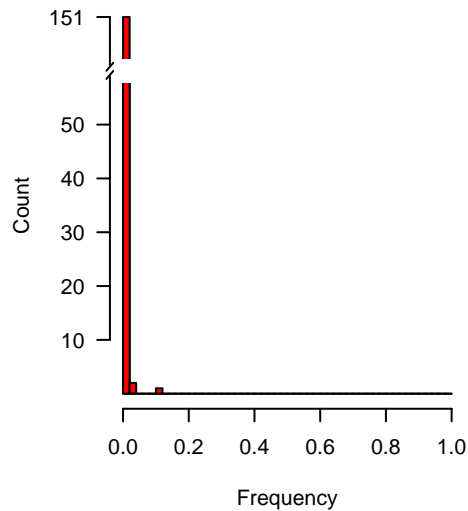
**Protease site 69**  
**AA 23**



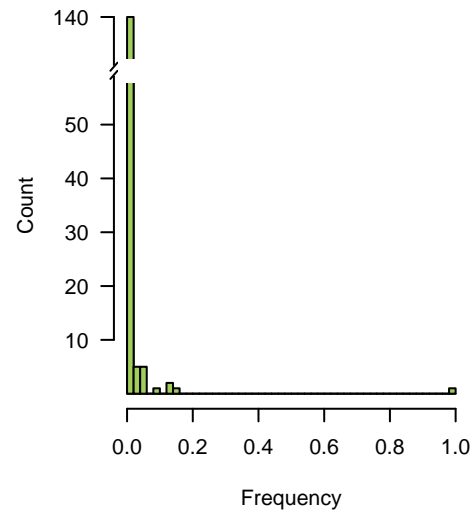
**Protease site 70**  
**AA 24**



**Protease site 71**  
**AA 24**

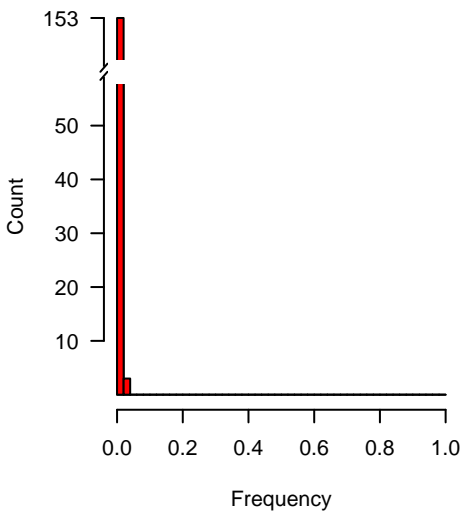


**Protease site 72**  
**AA 24**

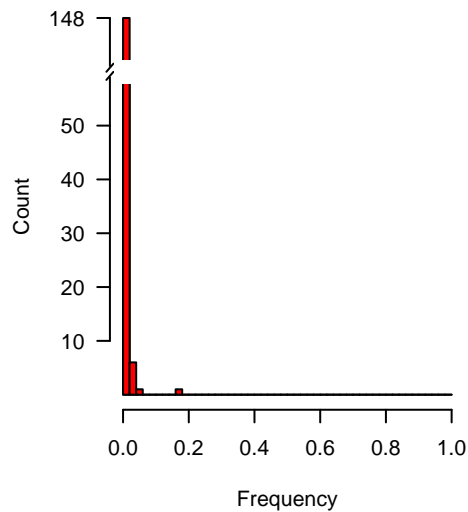




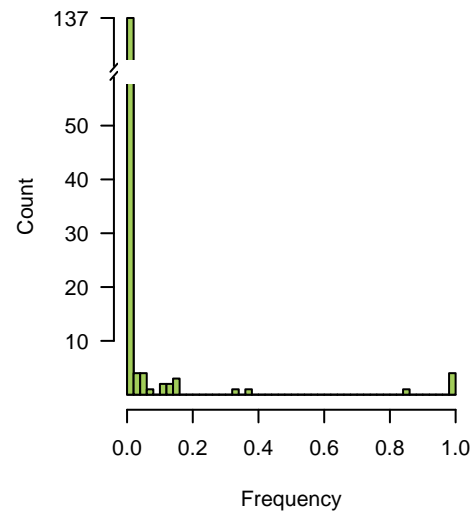
**Protease site 73**  
**AA 25**



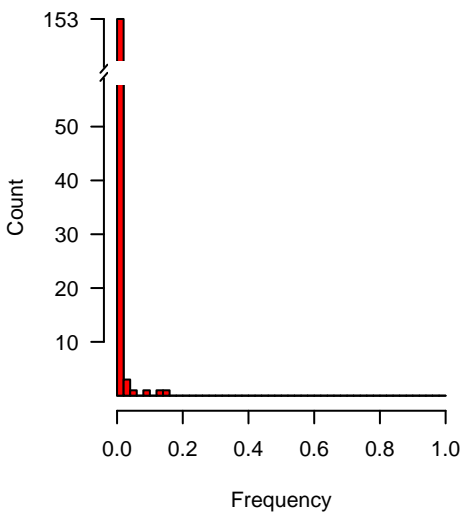
**Protease site 74**  
**AA 25**



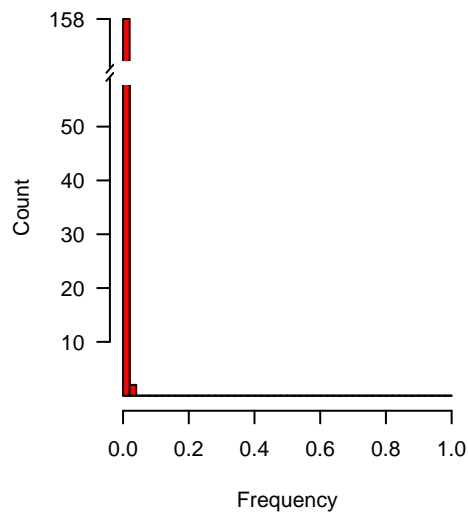
**Protease site 75**  
**AA 25**



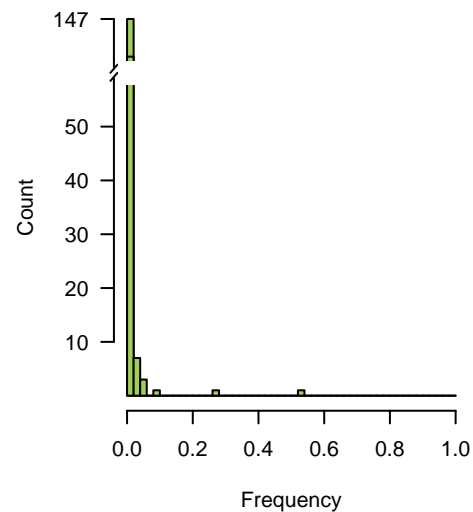
**Protease site 76**  
**AA 26**



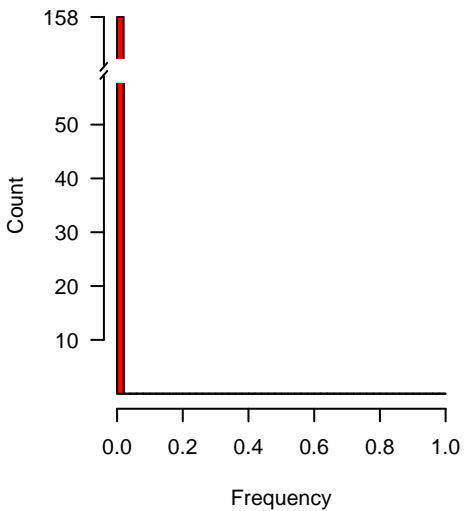
**Protease site 77**  
**AA 26**



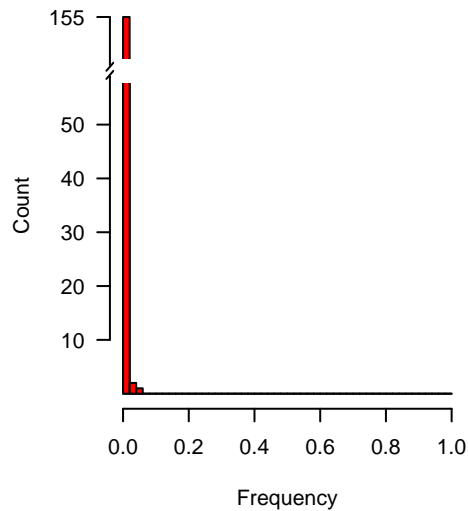
**Protease site 78**  
**AA 26**



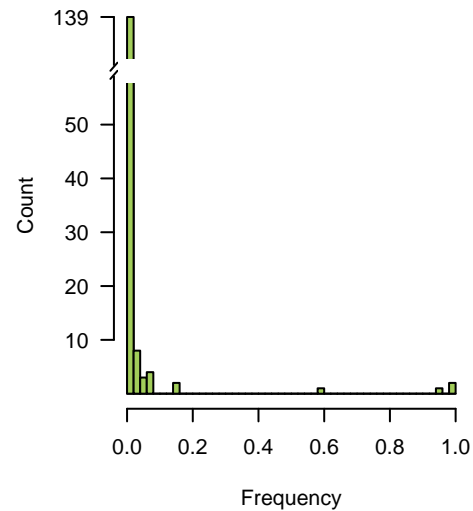
**Protease site 79**  
**AA 27**



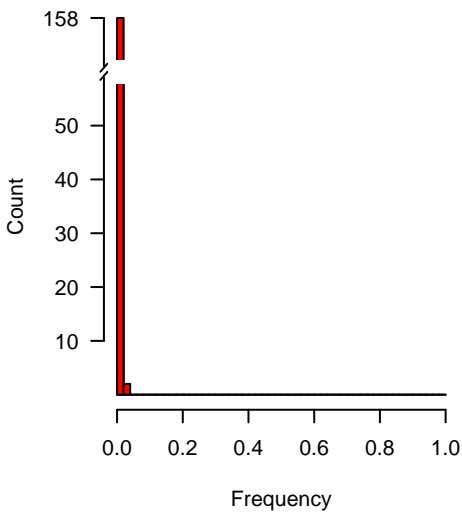
**Protease site 80**  
**AA 27**



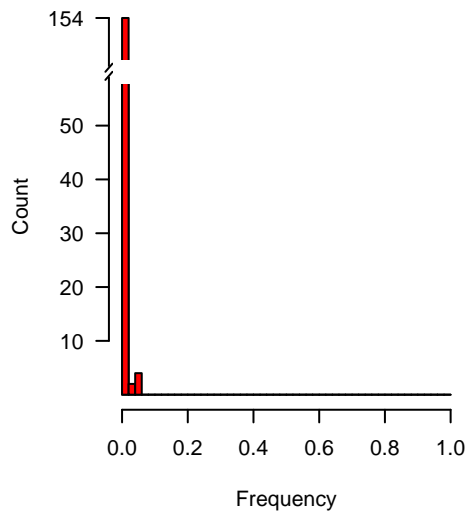
**Protease site 81**  
**AA 27**



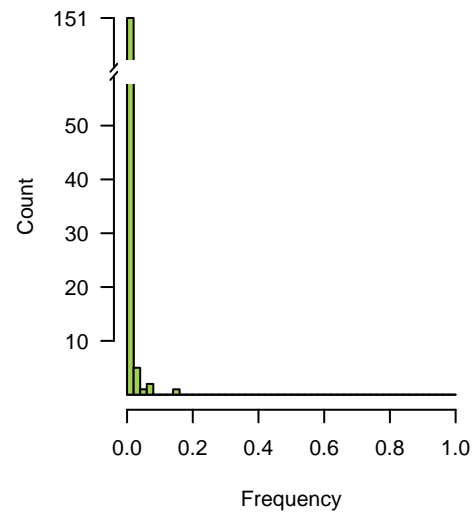
**Protease site 82**  
**AA 28**



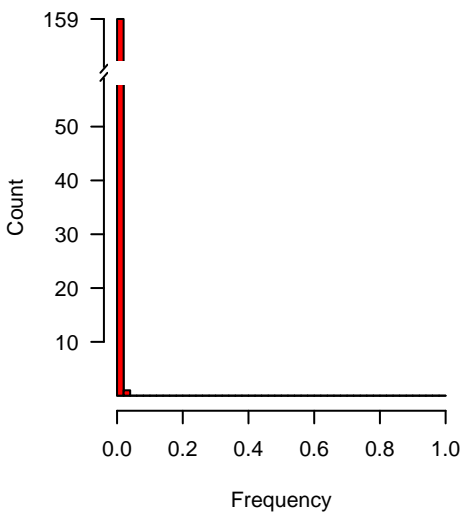
**Protease site 83**  
**AA 28**



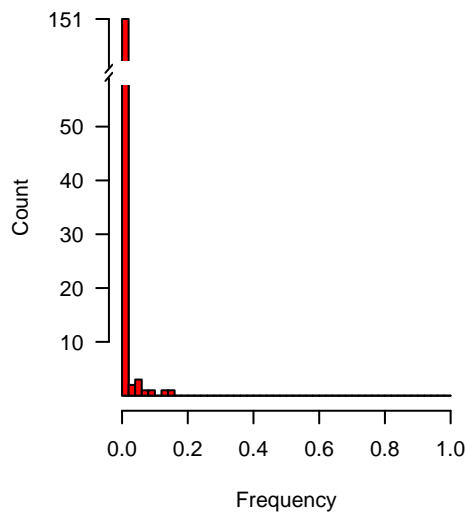
**Protease site 84**  
**AA 28**



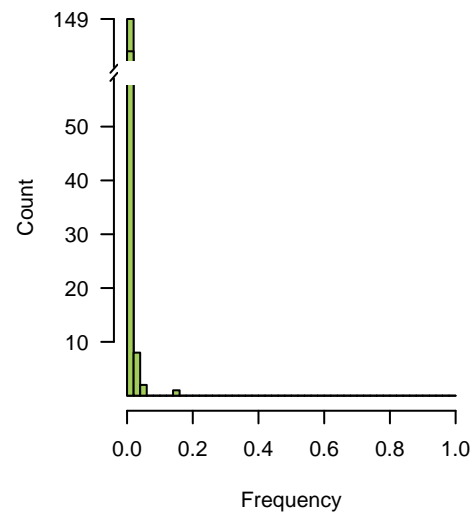
**Protease site 85**  
**AA 29**



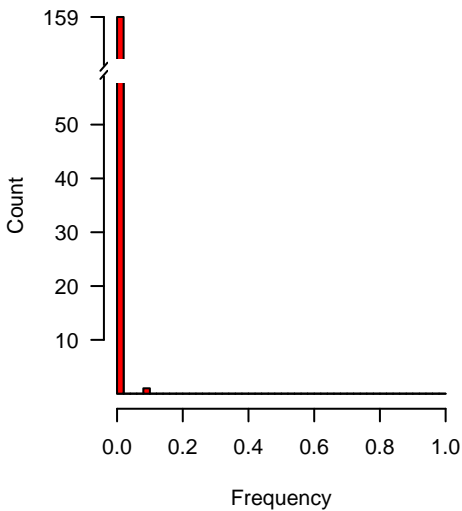
**Protease site 86**  
**AA 29**



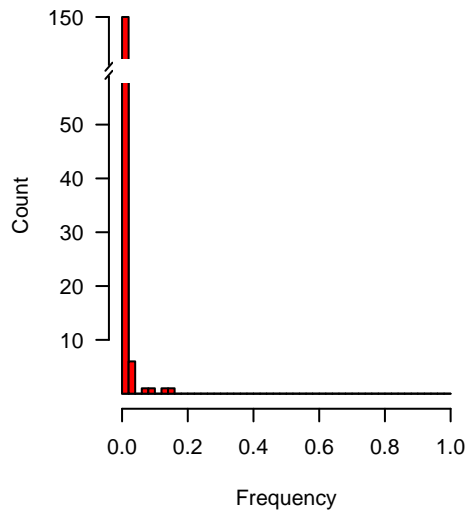
**Protease site 87**  
**AA 29**



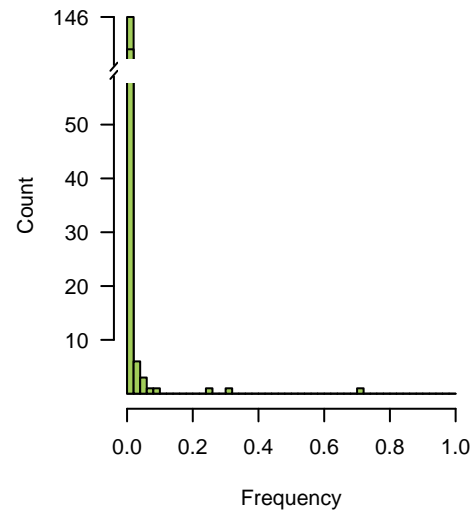
**Protease site 88**  
**AA 30**



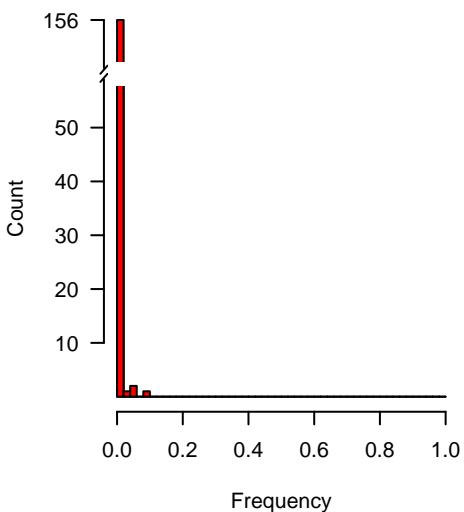
**Protease site 89**  
**AA 30**



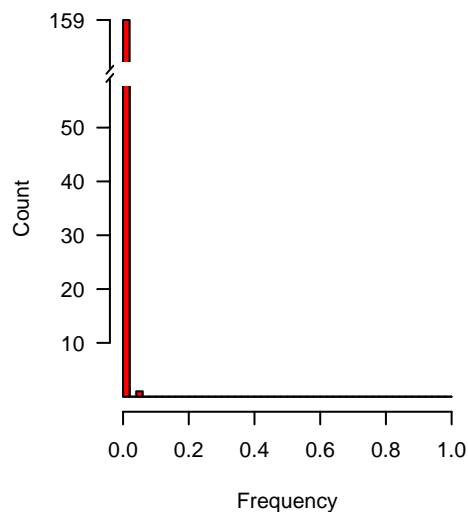
**Protease site 90**  
**AA 30**



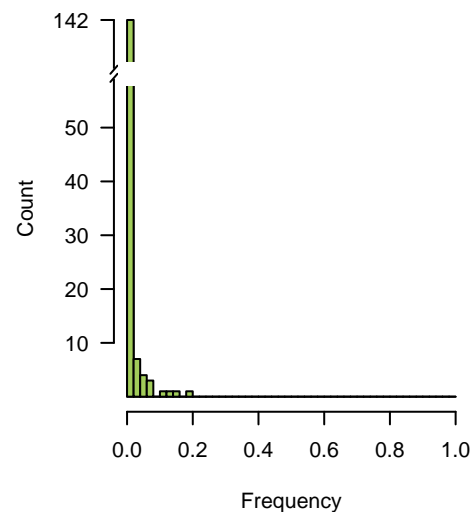
**Protease site 91**  
**AA 31**



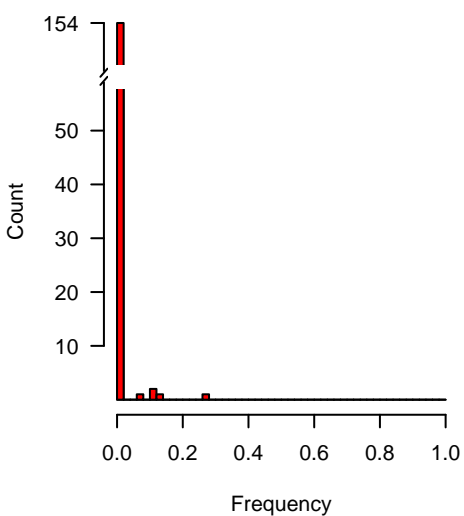
**Protease site 92**  
**AA 31**



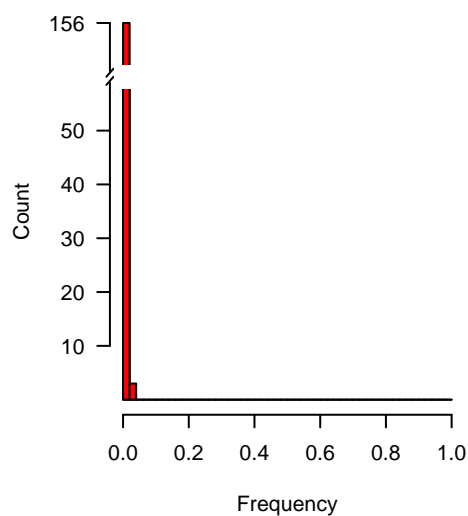
**Protease site 93**  
**AA 31**



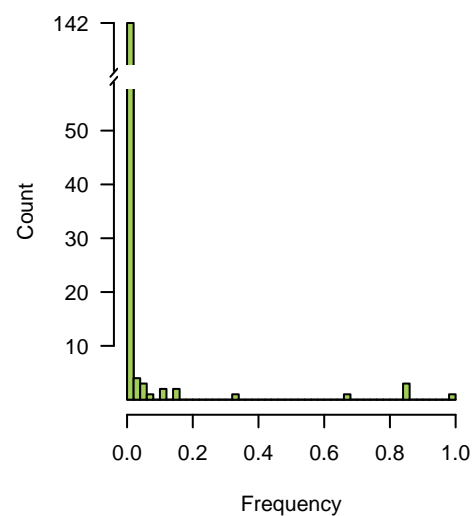
**Protease site 94**  
**AA 32**



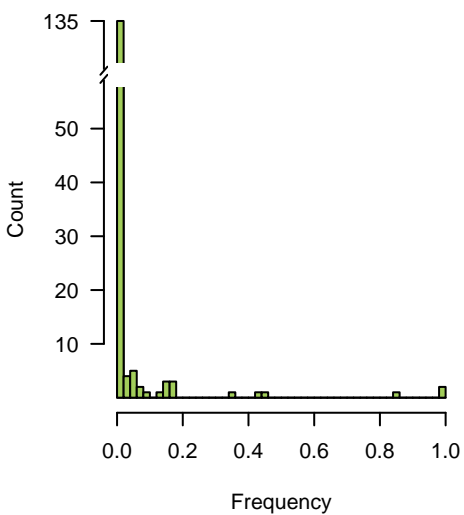
**Protease site 95**  
**AA 32**



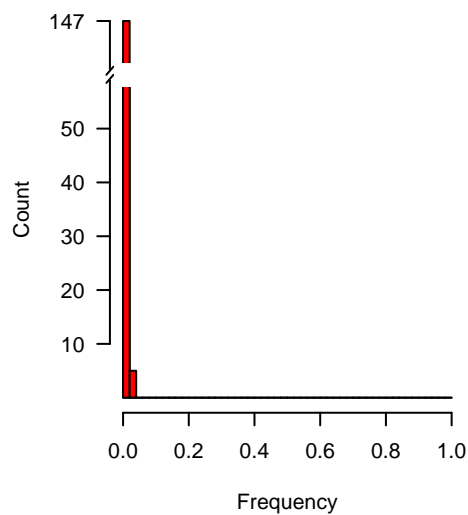
**Protease site 96**  
**AA 32**



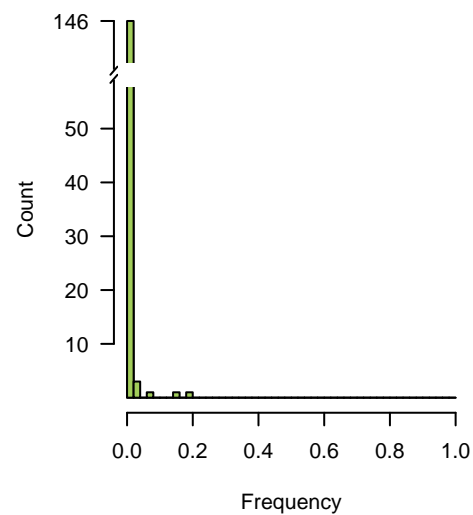
**Protease site 97**  
**AA 33**



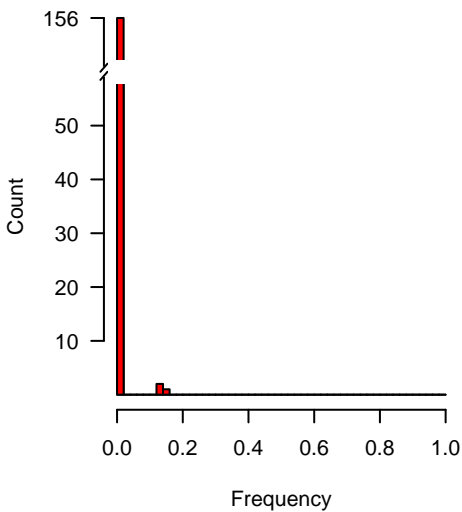
**Protease site 98**  
**AA 33**



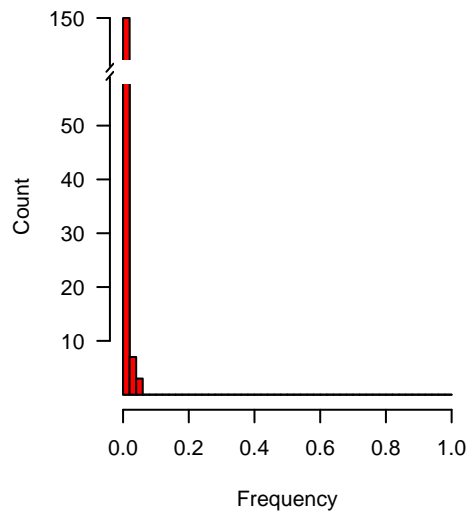
**Protease site 99**  
**AA 33**



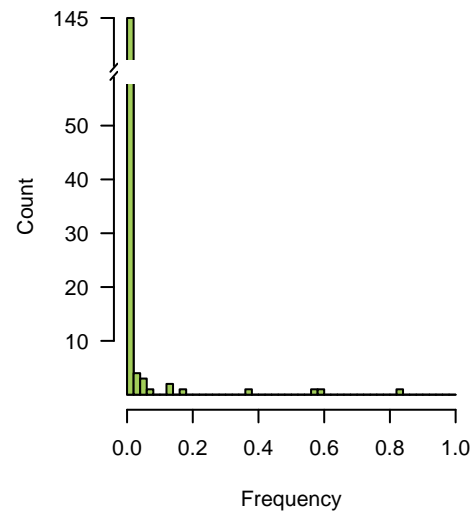
**Protease site 100**  
**AA 34**



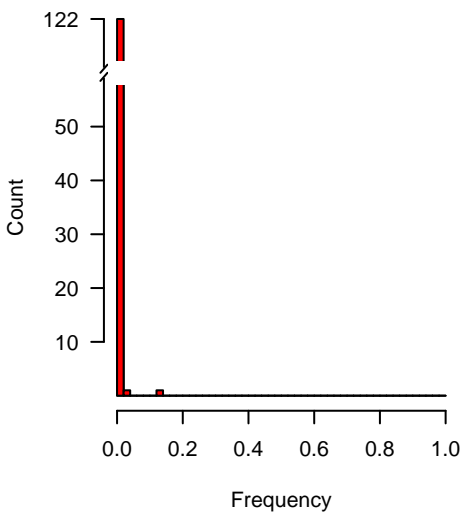
**Protease site 101**  
**AA 34**



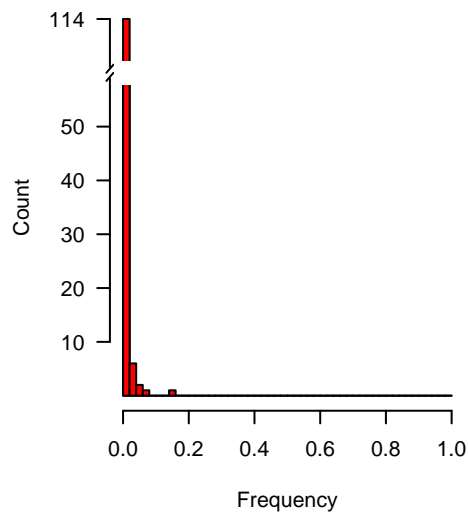
**Protease site 102**  
**AA 34**



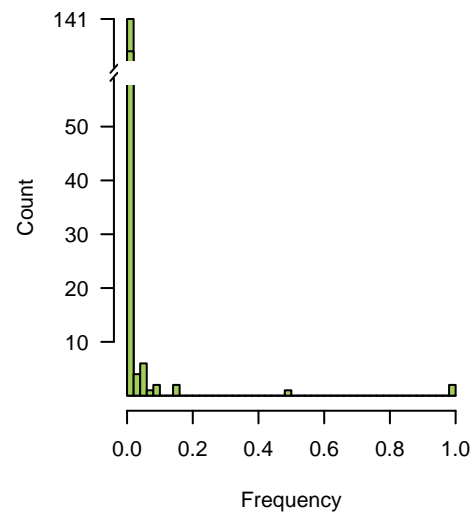
**Protease site 103**  
**AA 35**



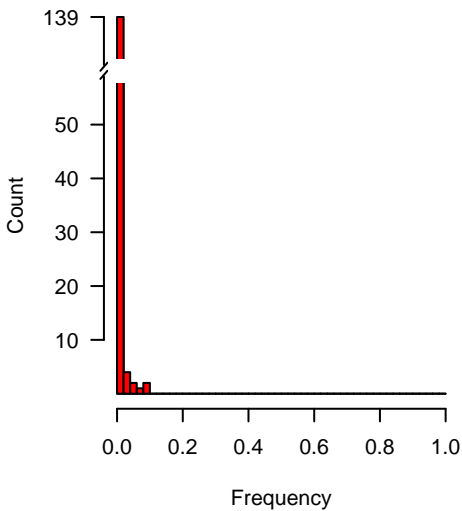
**Protease site 104**  
**AA 35**



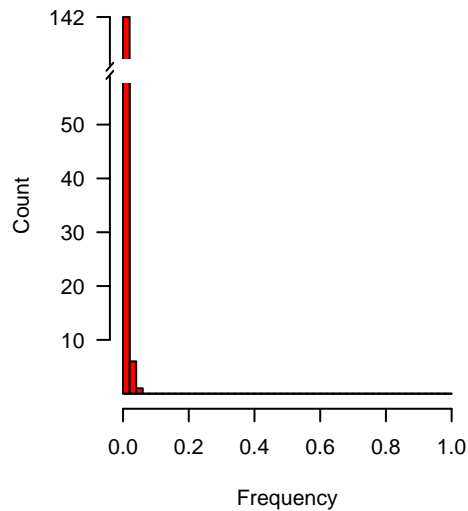
**Protease site 105**  
**AA 35 (site excluded)**



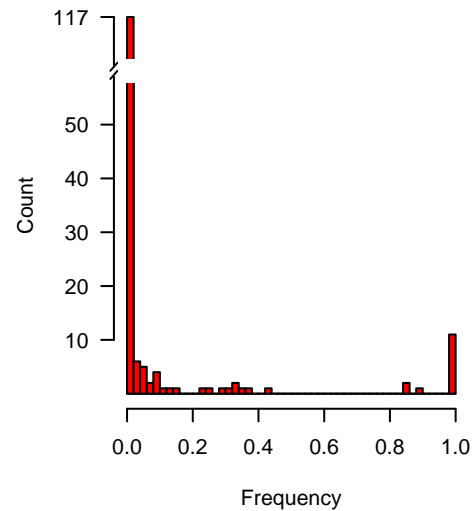
**Protease site 106**  
**AA 36**



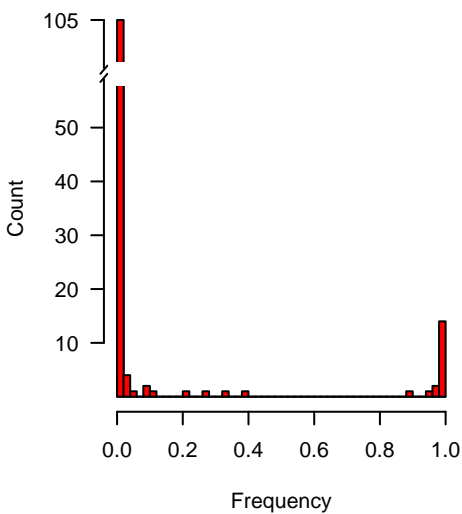
**Protease site 107**  
**AA 36**



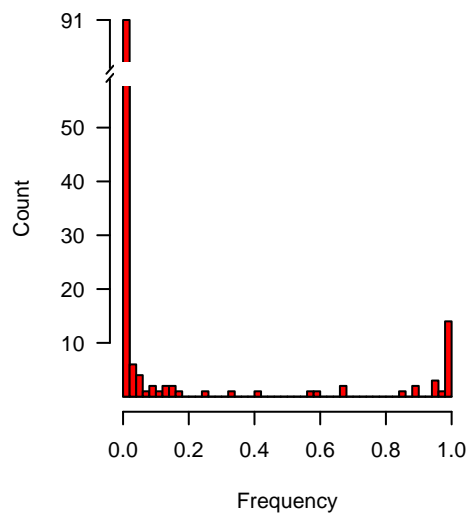
**Protease site 108**  
**AA 36**



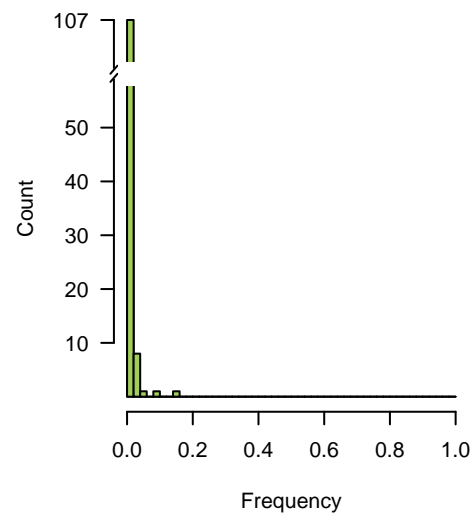
**Protease site 109**  
**AA 37 (site excluded)**



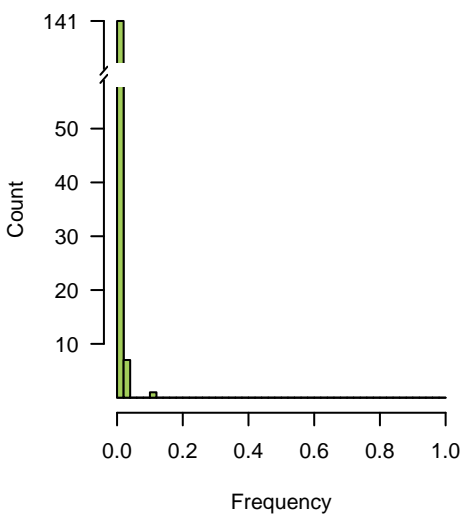
**Protease site 110**  
**AA 37 (site excluded)**



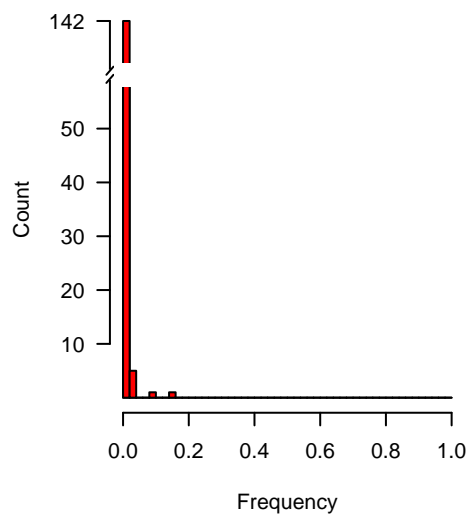
**Protease site 111**  
**AA 37**



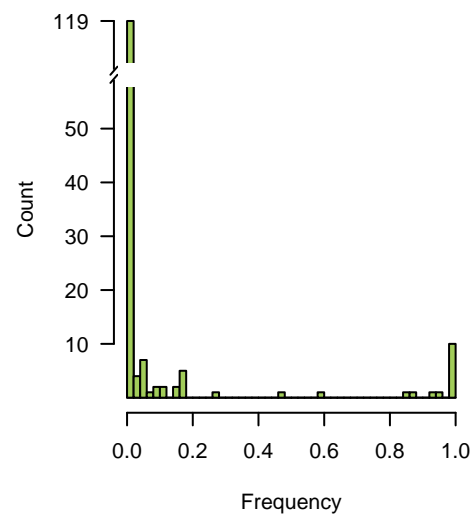
**Protease site 112**  
**AA 38**



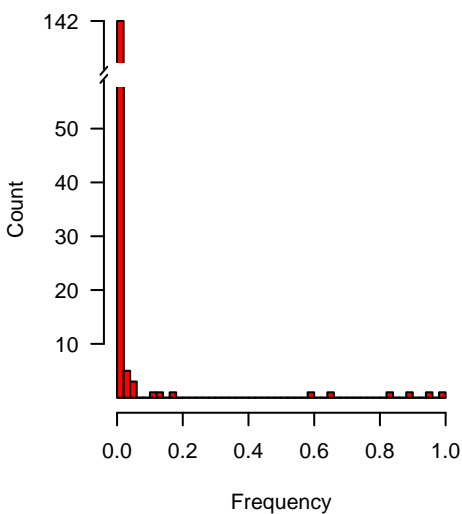
**Protease site 113**  
**AA 38**



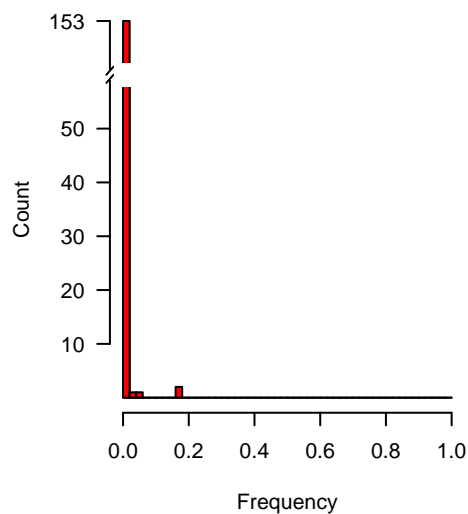
**Protease site 114**  
**AA 38**



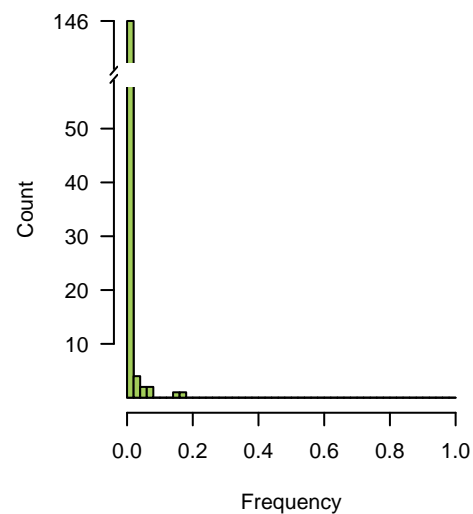
**Protease site 115**  
**AA 39**



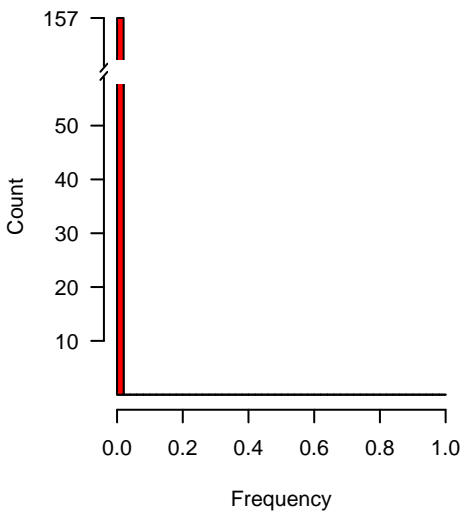
**Protease site 116**  
**AA 39**



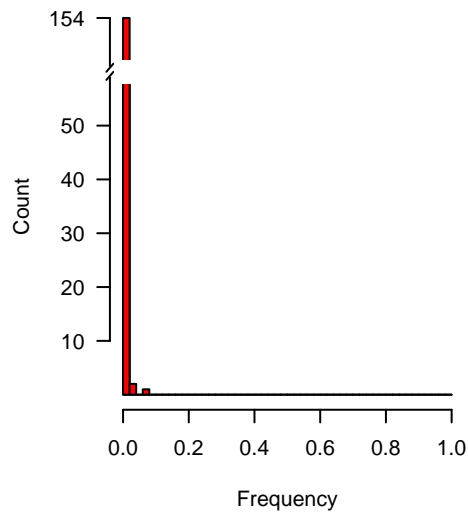
**Protease site 117**  
**AA 39**



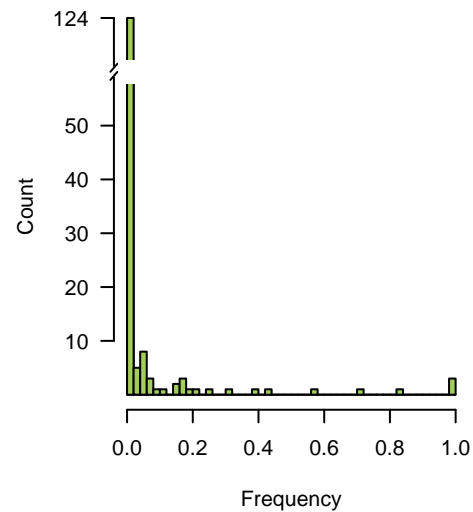
**Protease site 118**  
**AA 40**



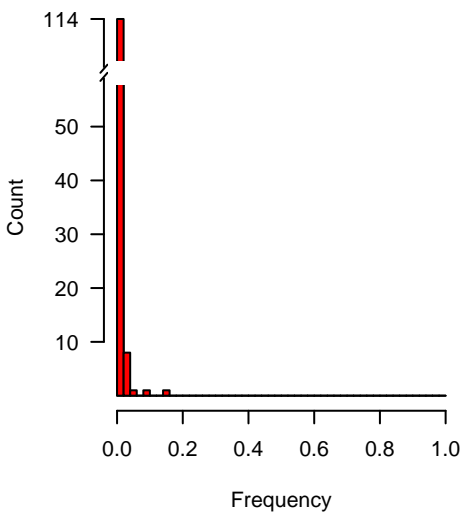
**Protease site 119**  
**AA 40**



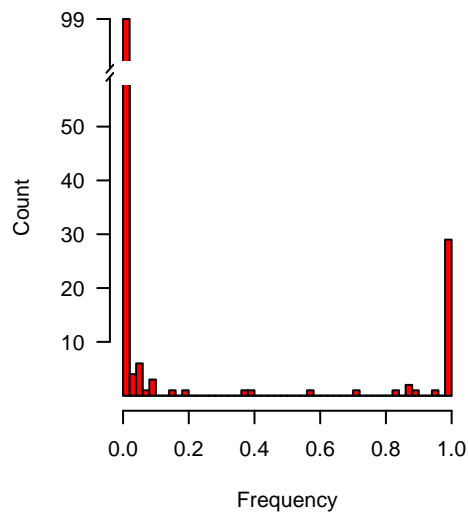
**Protease site 120**  
**AA 40**



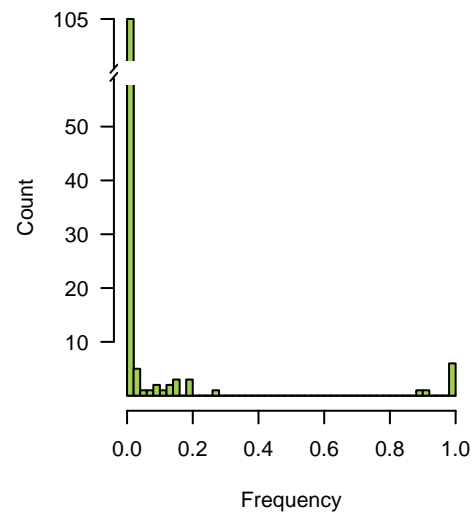
**Protease site 121**  
**AA 41**



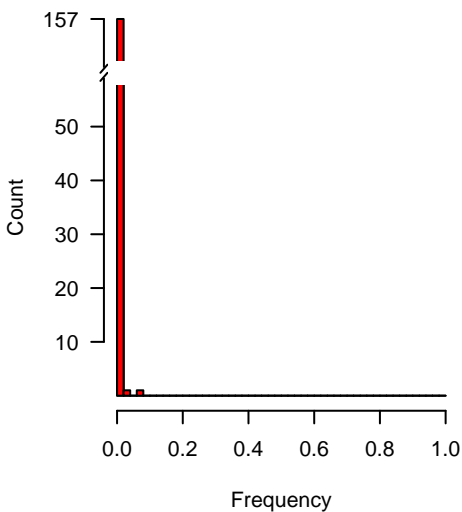
**Protease site 122**  
**AA 41 (site excluded)**



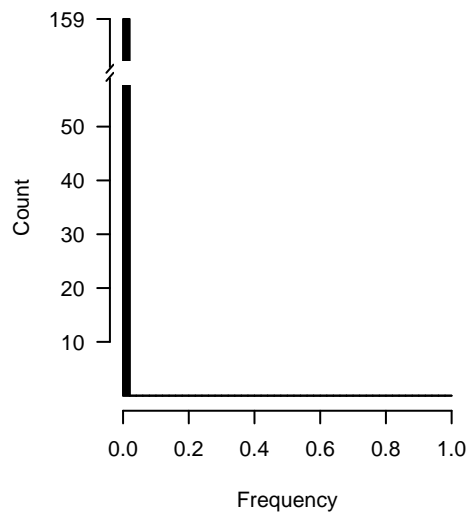
**Protease site 123**  
**AA 41**



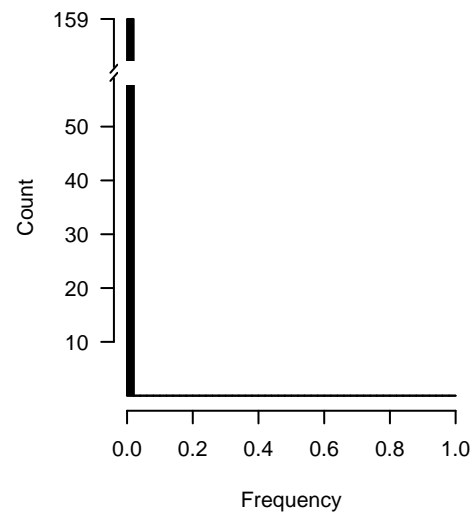
**Protease site 124**  
**AA 42**



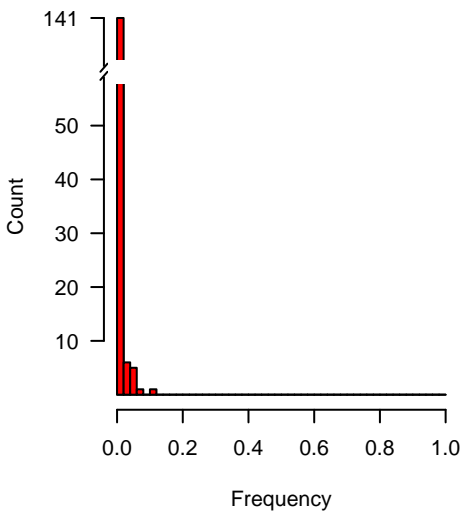
**Protease site 125**  
**AA 42**



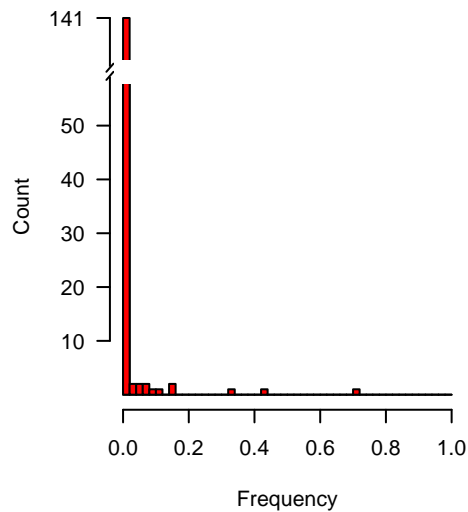
**Protease site 126**  
**AA 42**



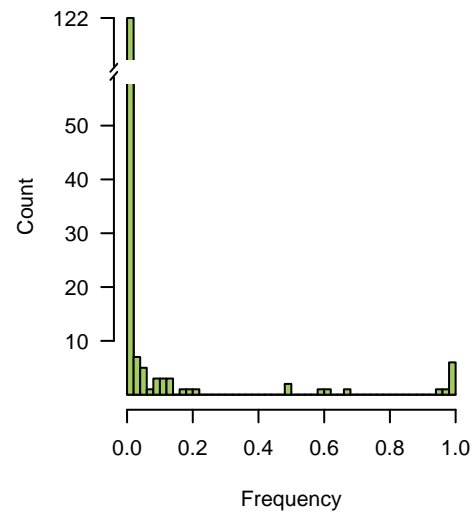
**Protease site 127**  
**AA 43**



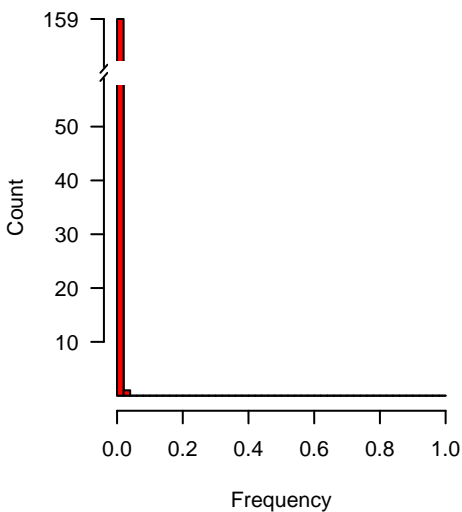
**Protease site 128**  
**AA 43**



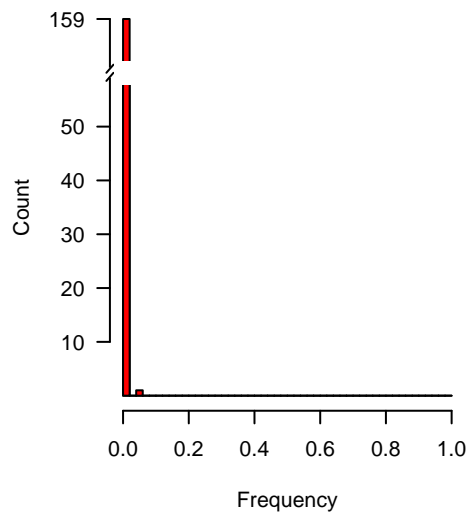
**Protease site 129**  
**AA 43**



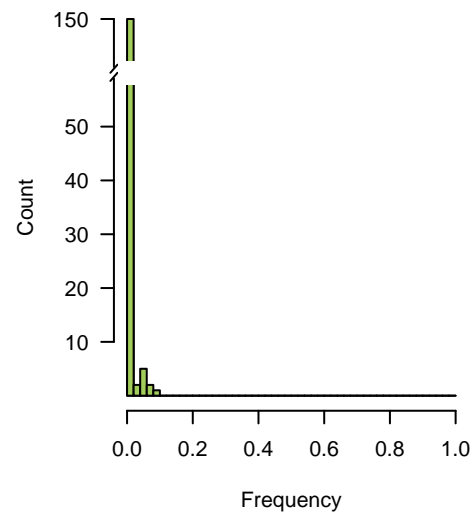
**Protease site 130**  
**AA 44**



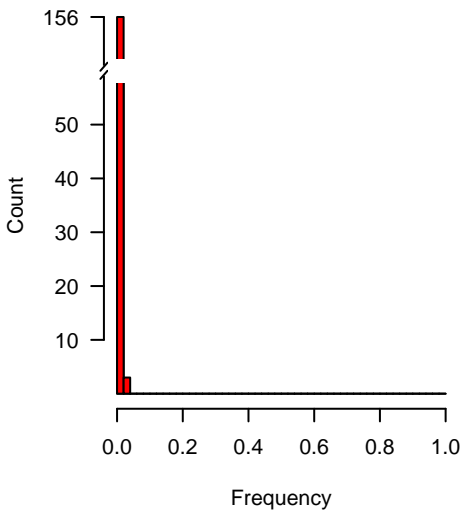
**Protease site 131**  
**AA 44**



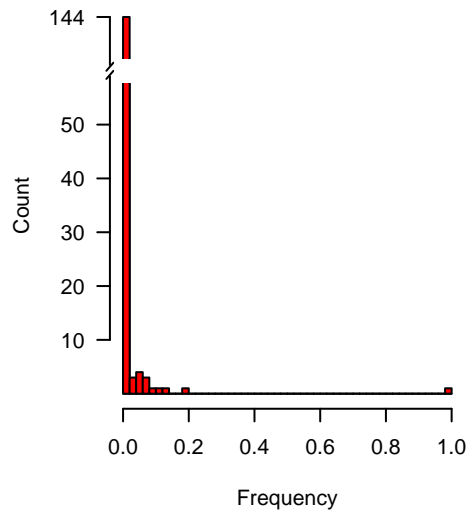
**Protease site 132**  
**AA 44**



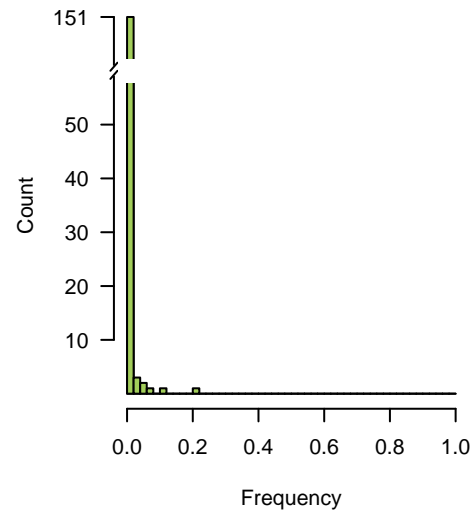
**Protease site 133**  
**AA 45**

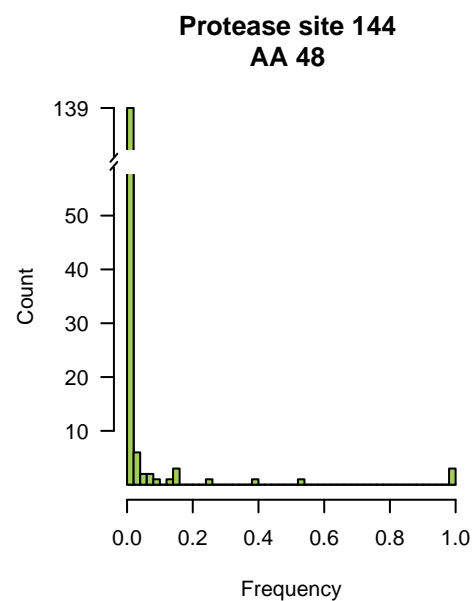
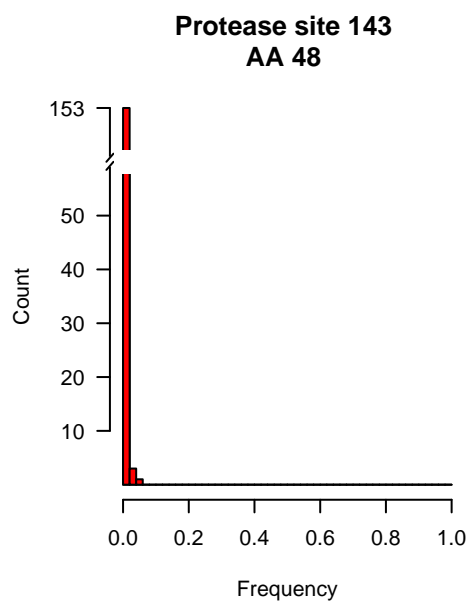
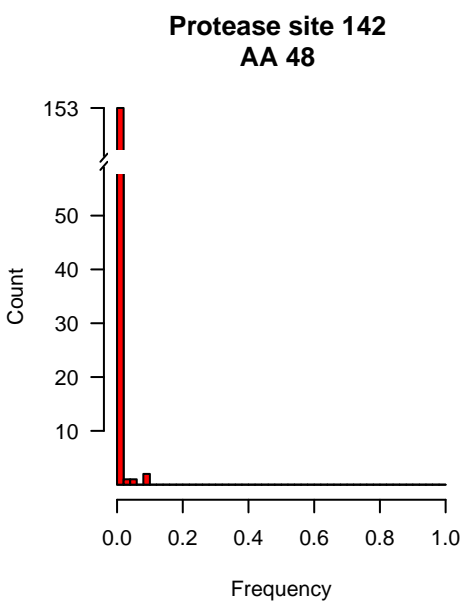
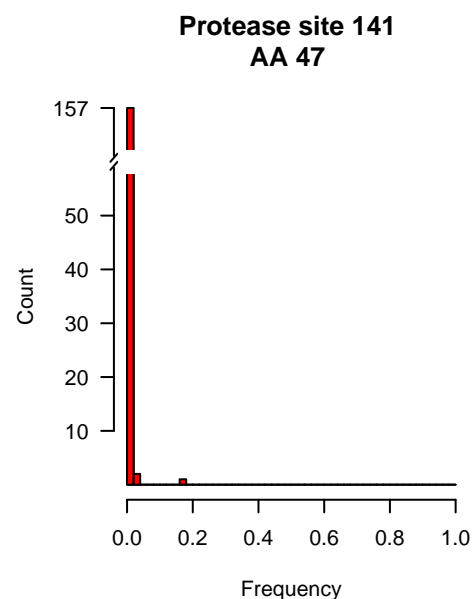
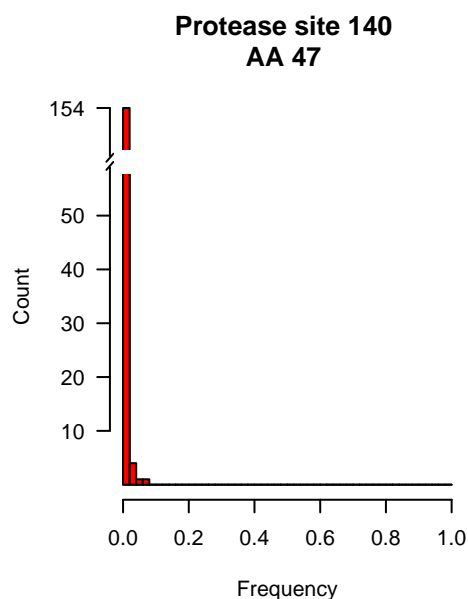
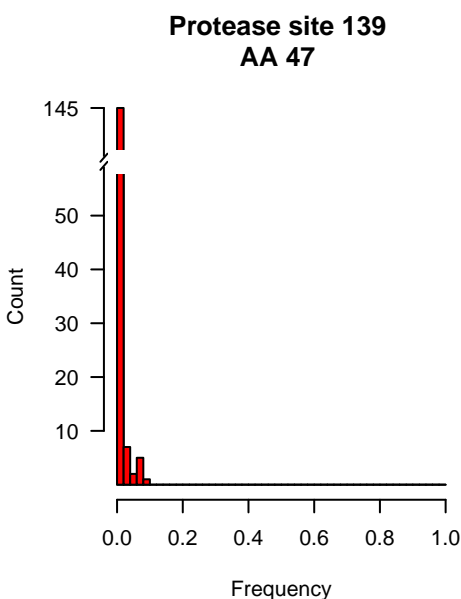
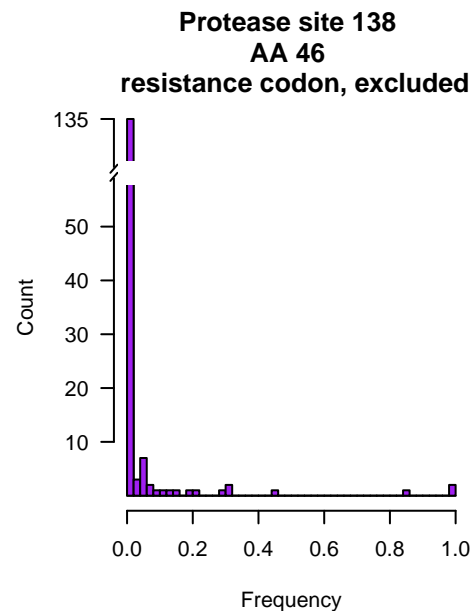
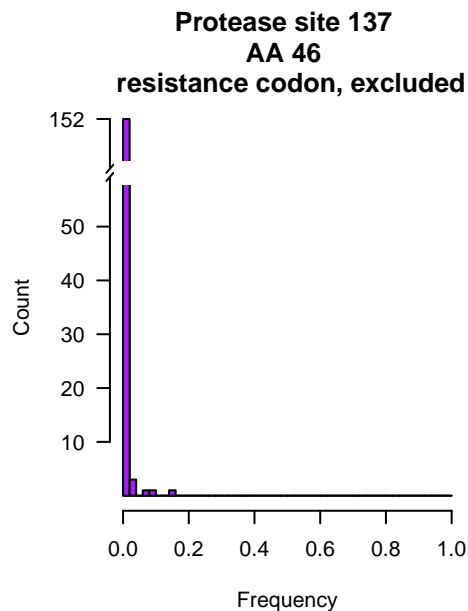
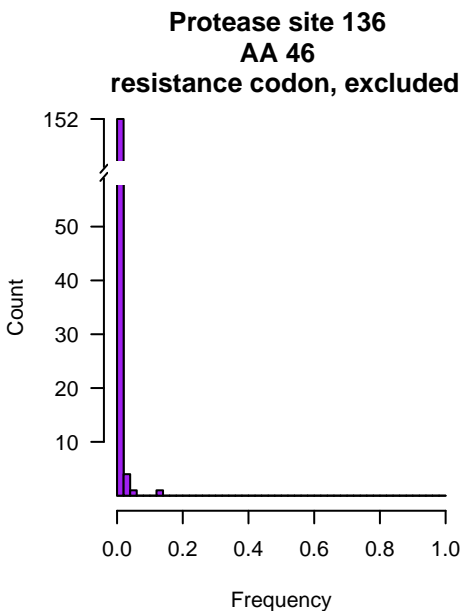


**Protease site 134**  
**AA 45**



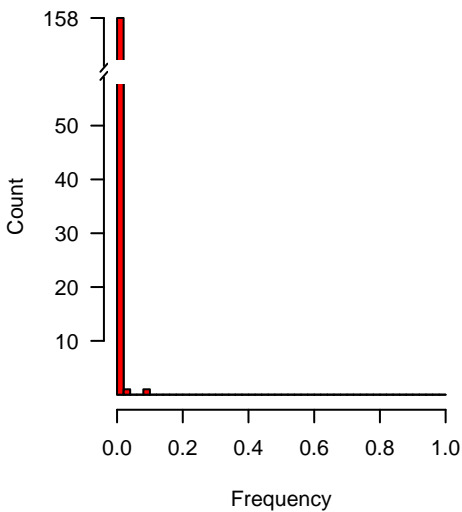
**Protease site 135**  
**AA 45**



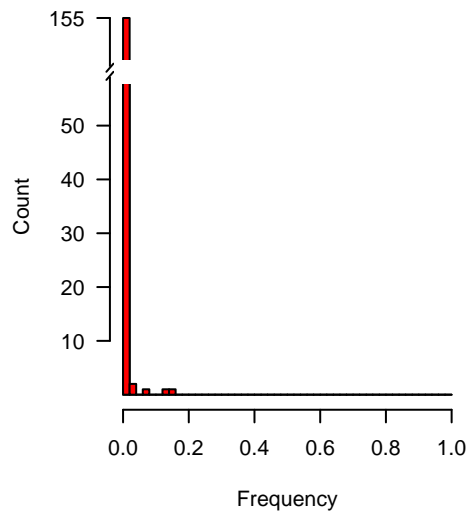




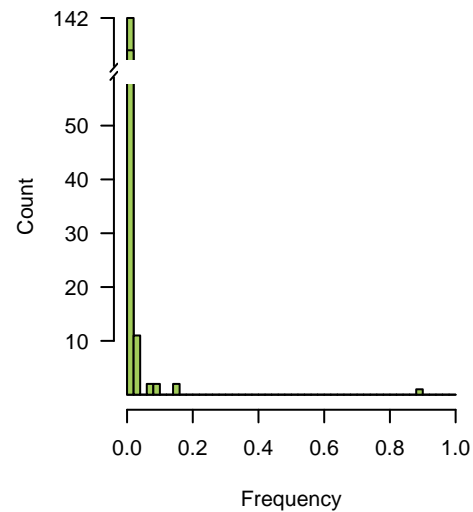
**Protease site 145**  
**AA 49**



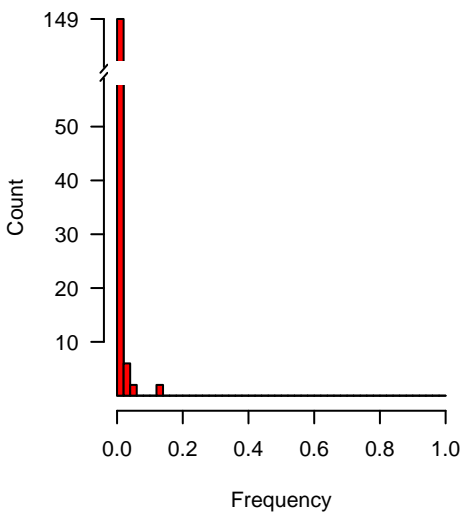
**Protease site 146**  
**AA 49**



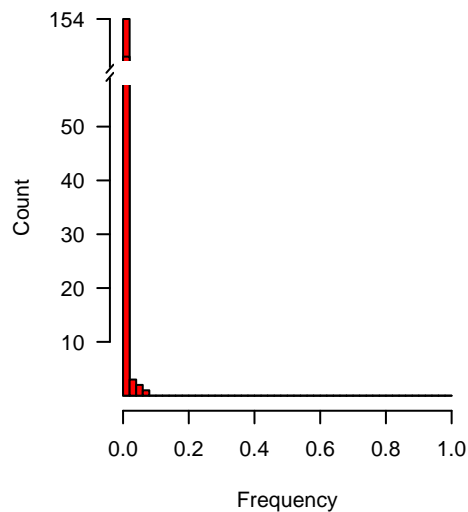
**Protease site 147**  
**AA 49**



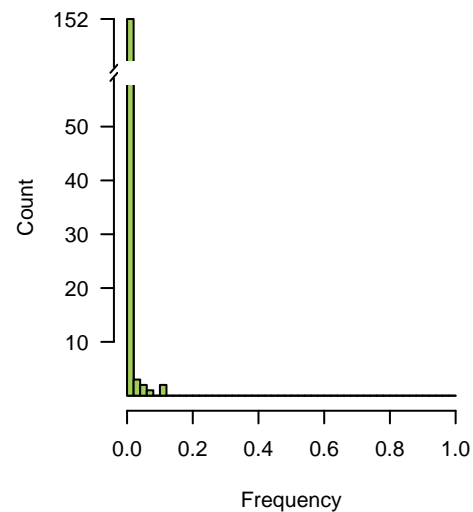
**Protease site 148**  
**AA 50**



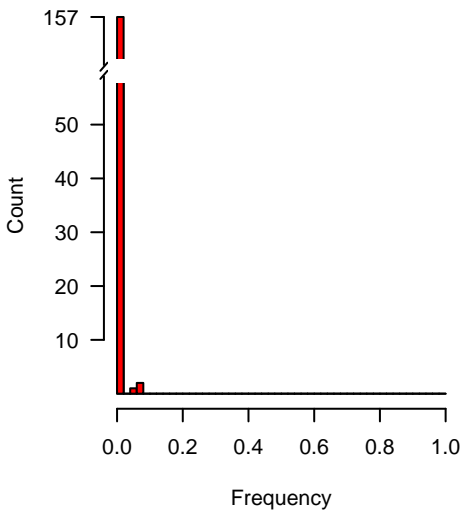
**Protease site 149**  
**AA 50**



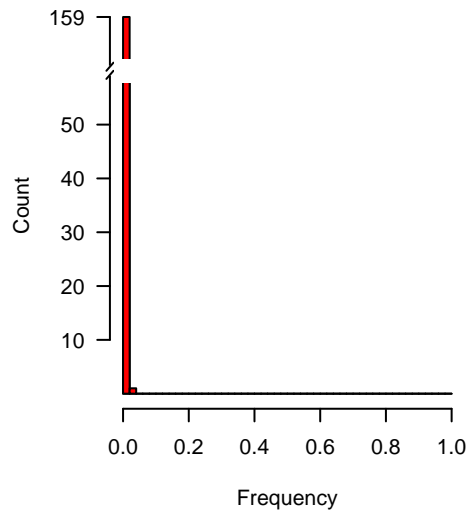
**Protease site 150**  
**AA 50**



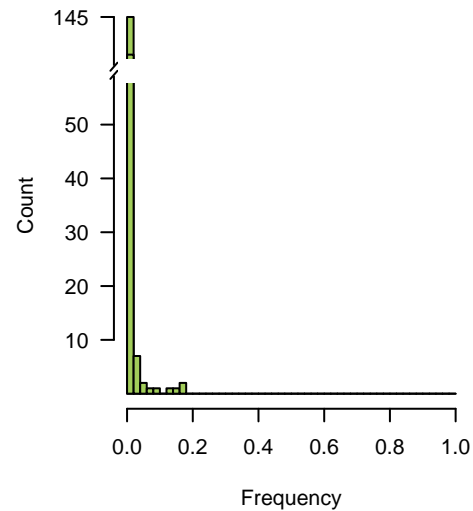
**Protease site 151**  
**AA 51**



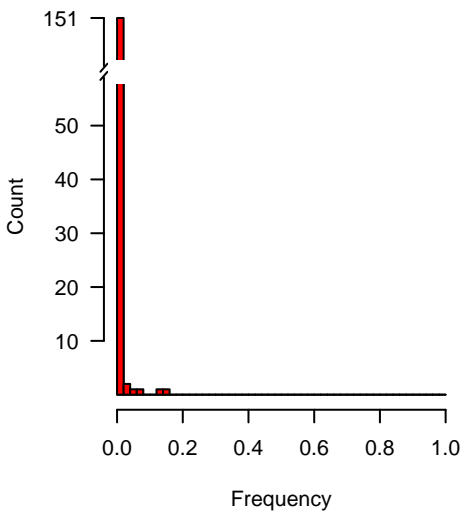
**Protease site 152**  
**AA 51**



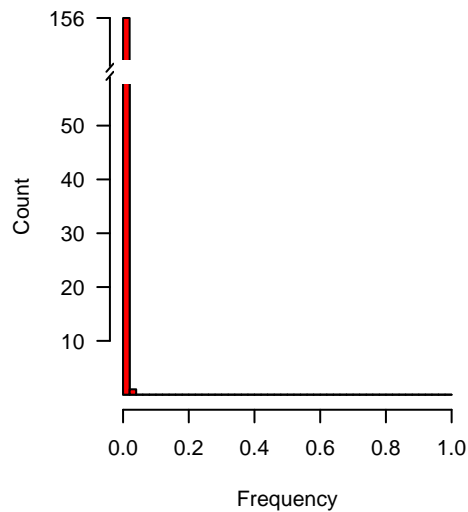
**Protease site 153**  
**AA 51**



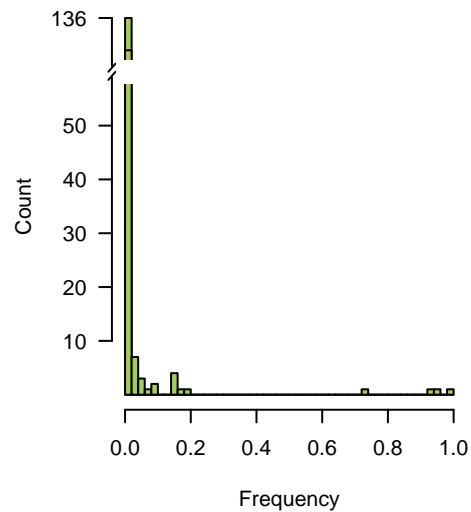
**Protease site 154**  
**AA 52**



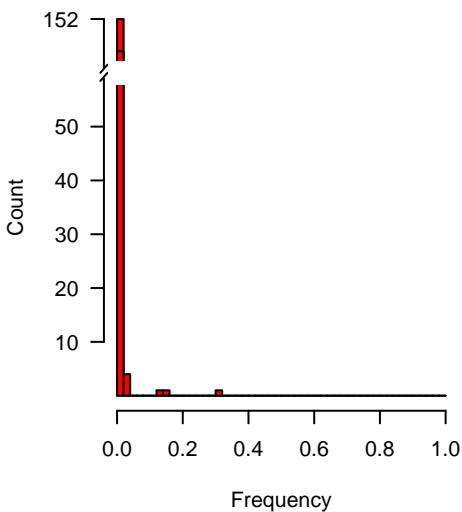
**Protease site 155**  
**AA 52**



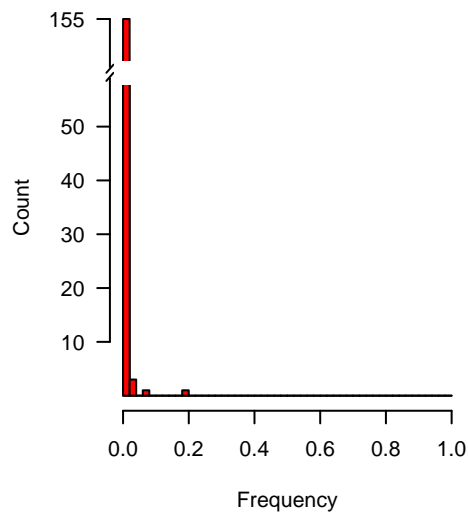
**Protease site 156**  
**AA 52**



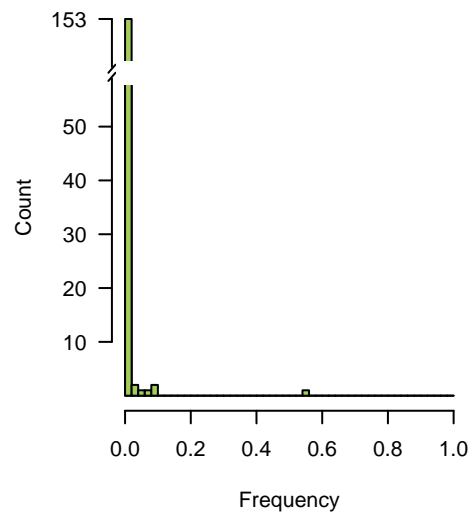
**Protease site 157**  
**AA 53**



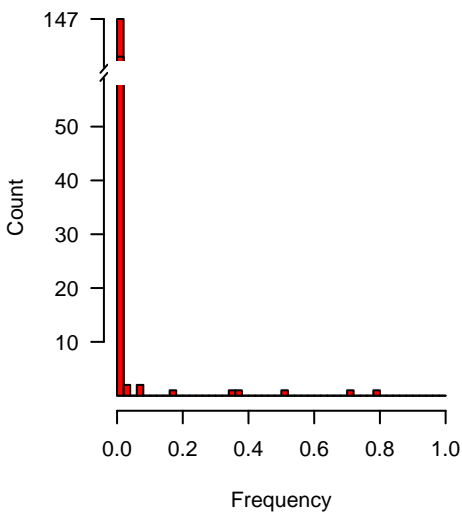
**Protease site 158**  
**AA 53**



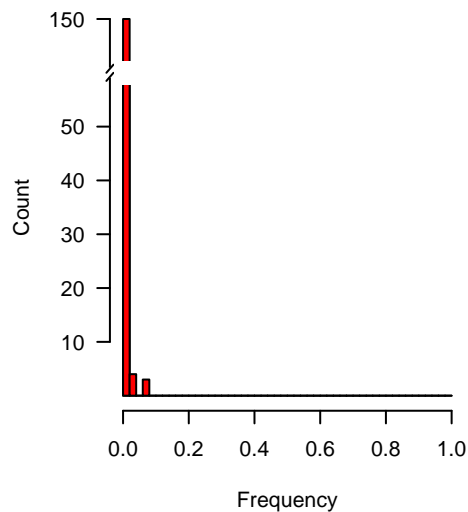
**Protease site 159**  
**AA 53**



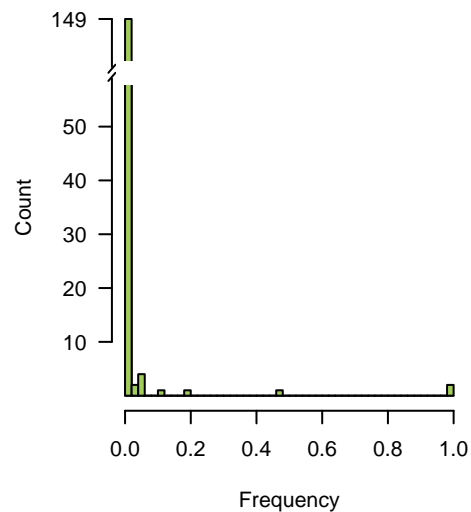
**Protease site 160**  
**AA 54**



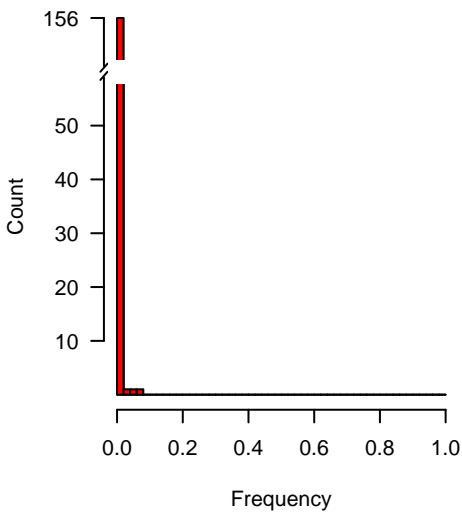
**Protease site 161**  
**AA 54**



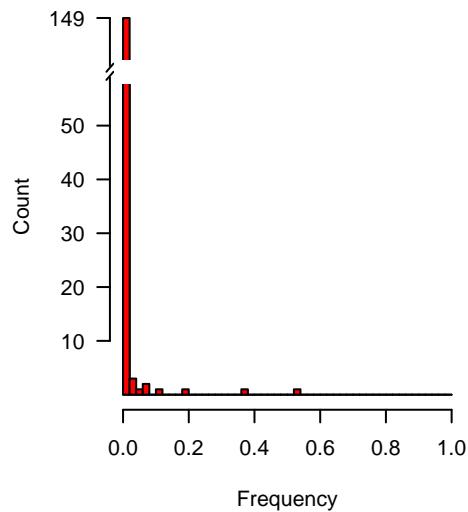
**Protease site 162**  
**AA 54**



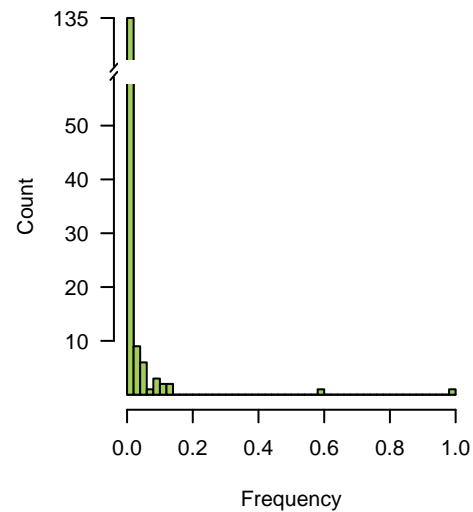
**Protease site 163**  
**AA 55**



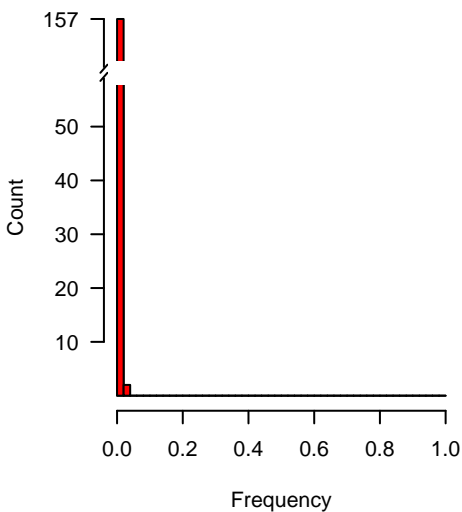
**Protease site 164**  
**AA 55**



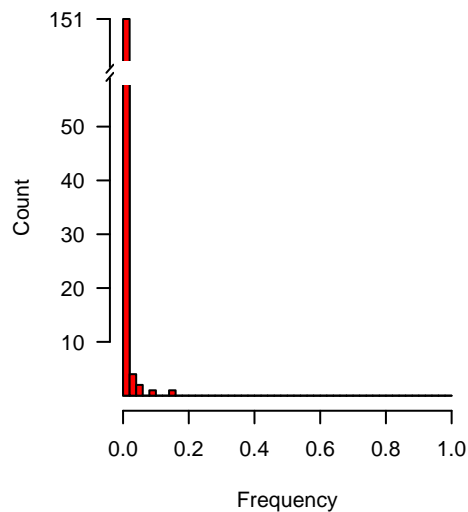
**Protease site 165**  
**AA 55**



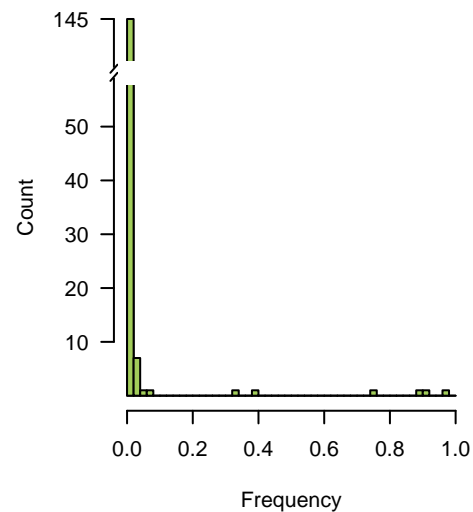
**Protease site 166**  
**AA 56**



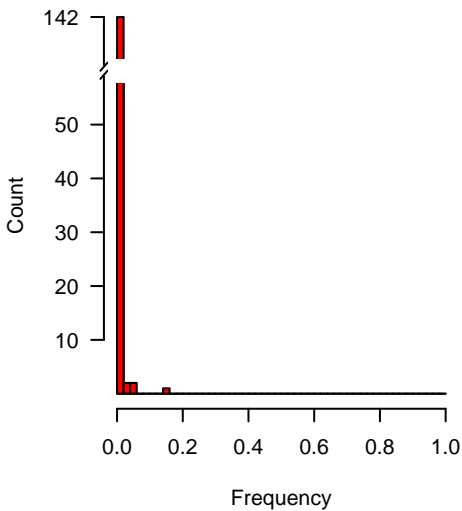
**Protease site 167**  
**AA 56**



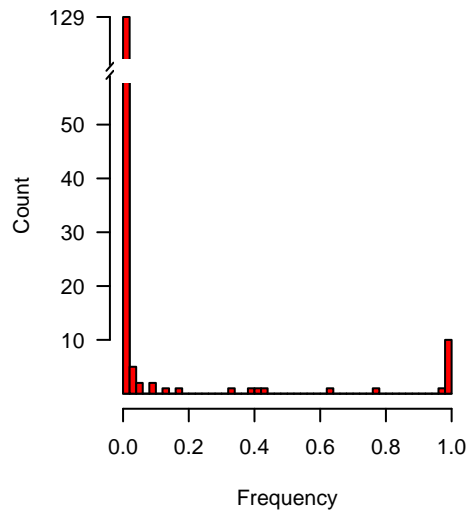
**Protease site 168**  
**AA 56**



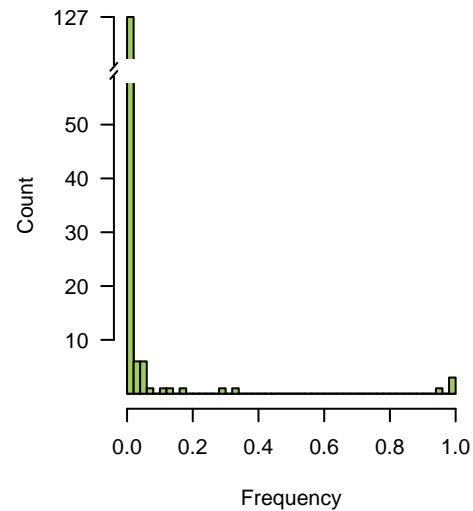
**Protease site 169**  
**AA 57**



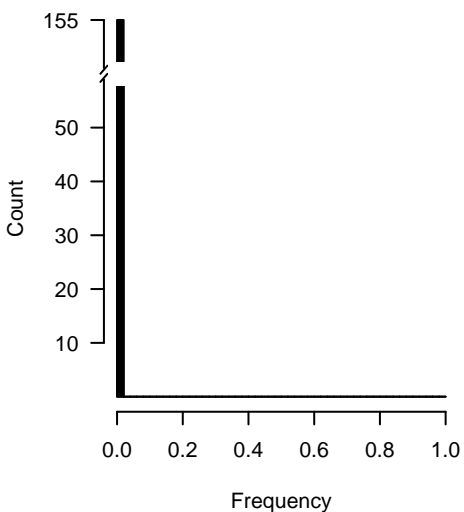
**Protease site 170**  
**AA 57 (site excluded)**



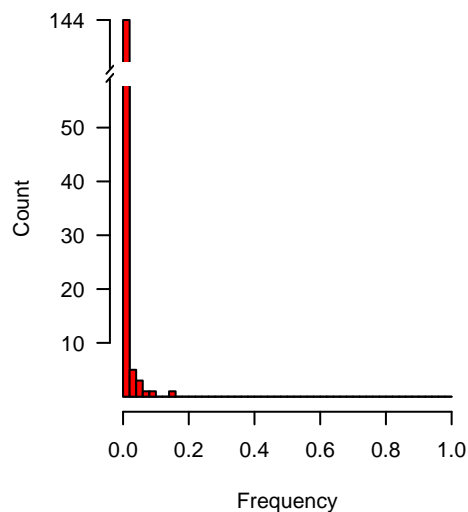
**Protease site 171**  
**AA 57**



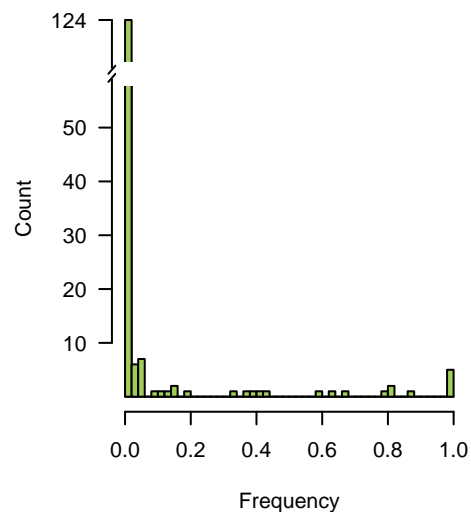
**Protease site 172**  
**AA 58**



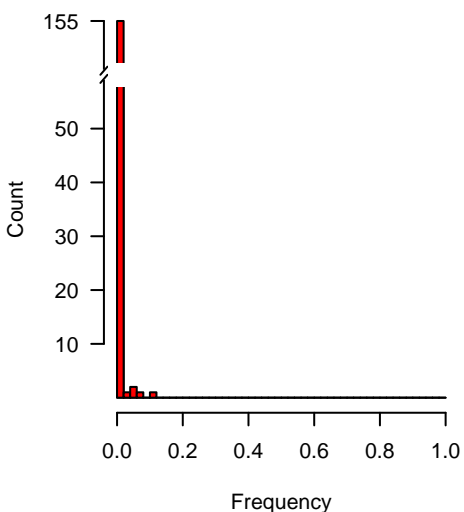
**Protease site 173**  
**AA 58**



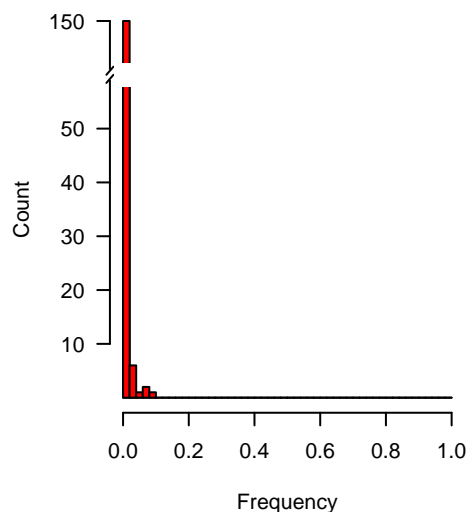
**Protease site 174**  
**AA 58**



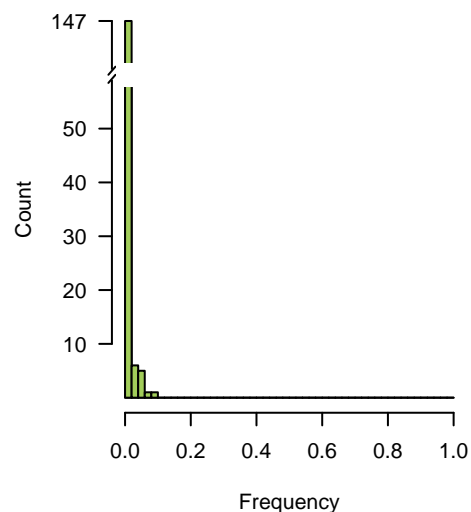
**Protease site 175**  
**AA 59**



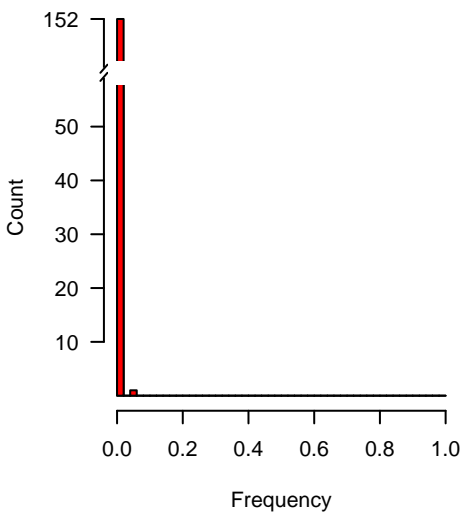
**Protease site 176**  
**AA 59**



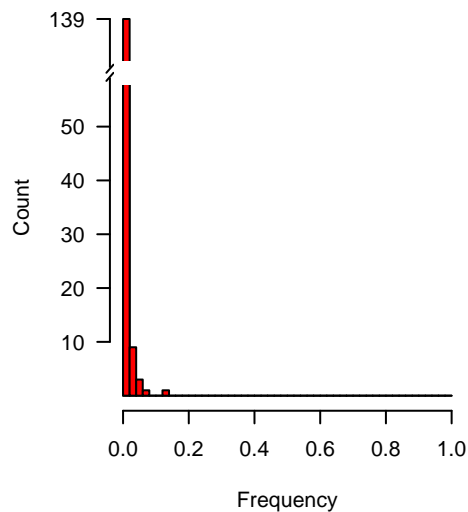
**Protease site 177**  
**AA 59**



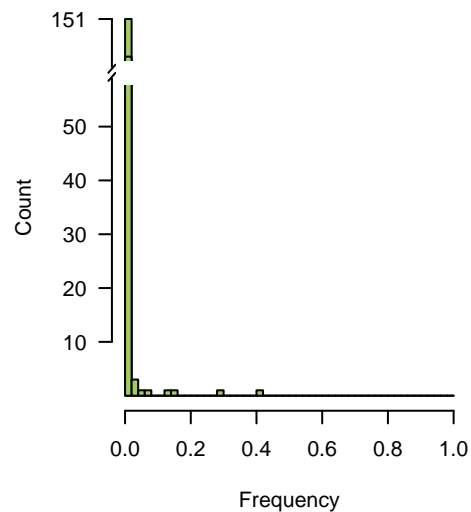
**Protease site 178**  
**AA 60**



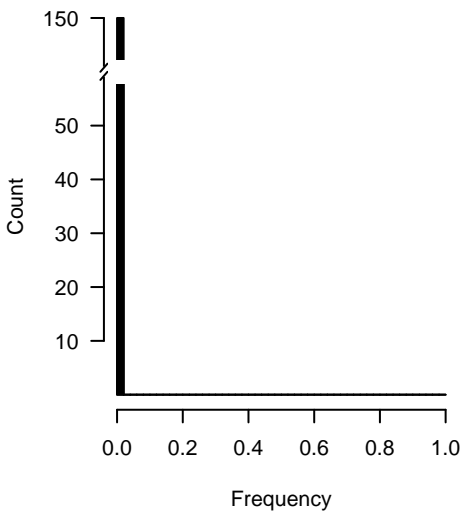
**Protease site 179**  
**AA 60**



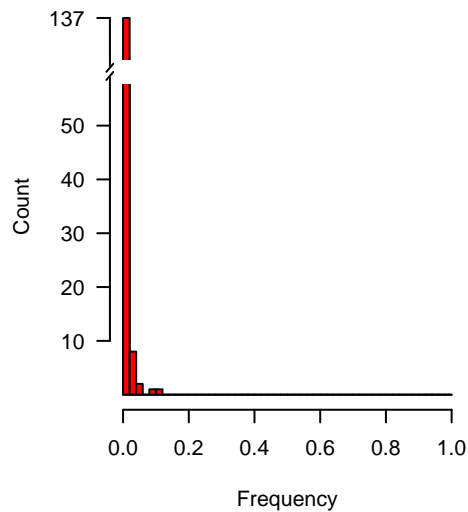
**Protease site 180**  
**AA 60**



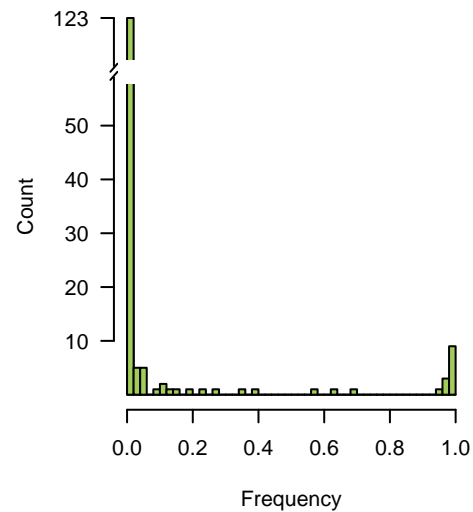
**Protease site 181**  
**AA 61**



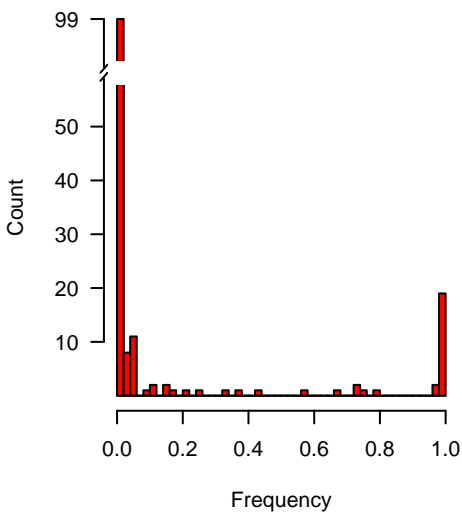
**Protease site 182**  
**AA 61**



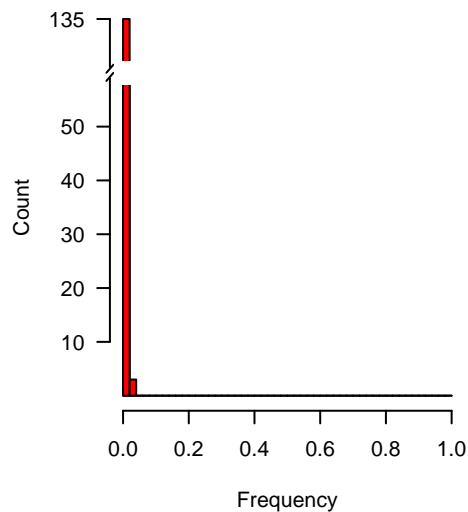
**Protease site 183**  
**AA 61 (site excluded)**



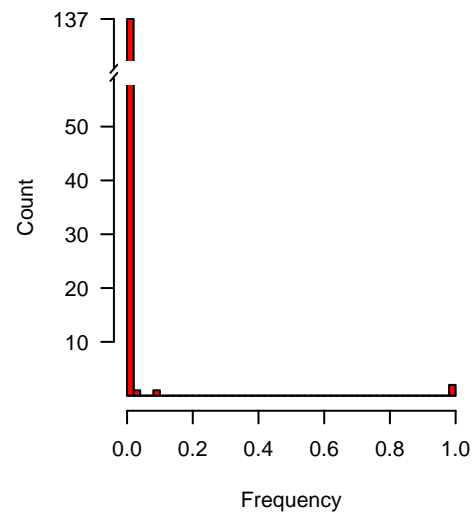
**Protease site 184**  
**AA 62 (site excluded)**



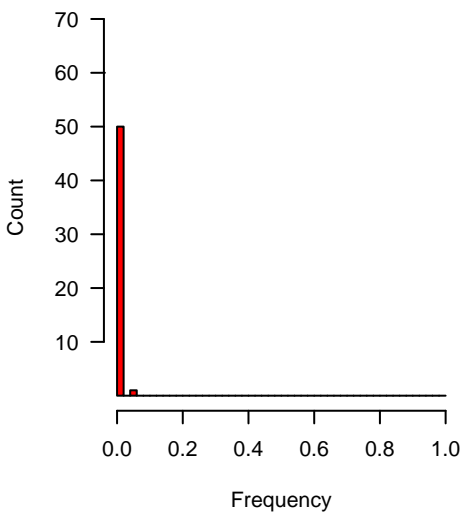
**Protease site 185**  
**AA 62**



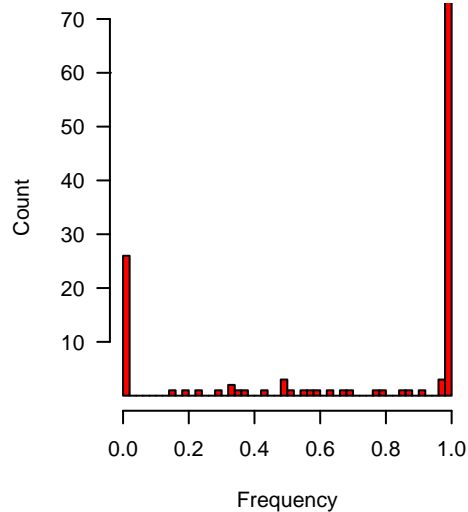
**Protease site 186**  
**AA 62**



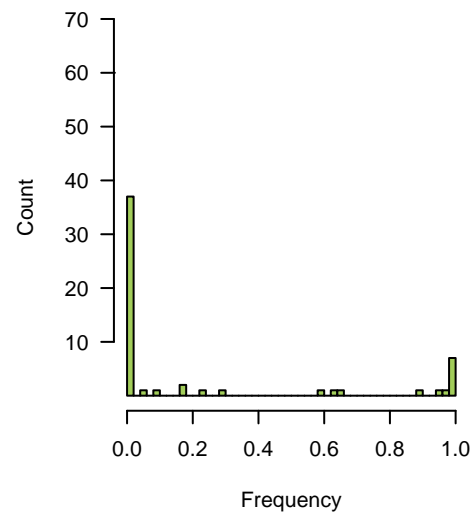
**Protease site 187**  
**AA 63 (site excluded)**



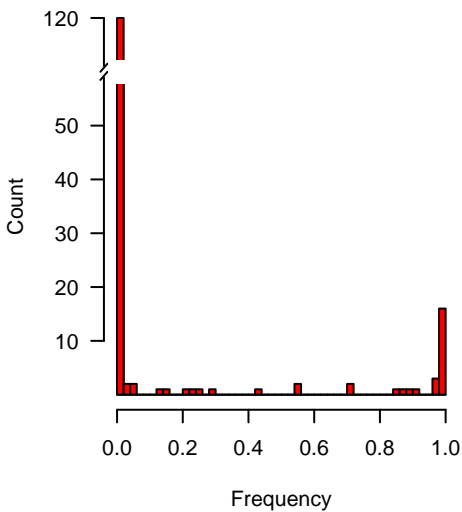
**Protease site 188**  
**AA 63 (site excluded)**



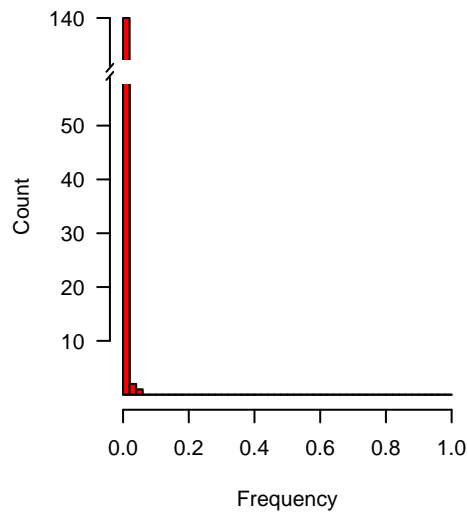
**Protease site 189**  
**AA 63 (site excluded)**



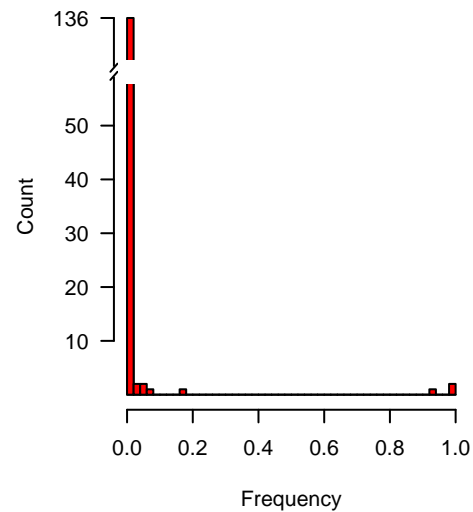
**Protease site 190**  
**AA 64 (site excluded)**



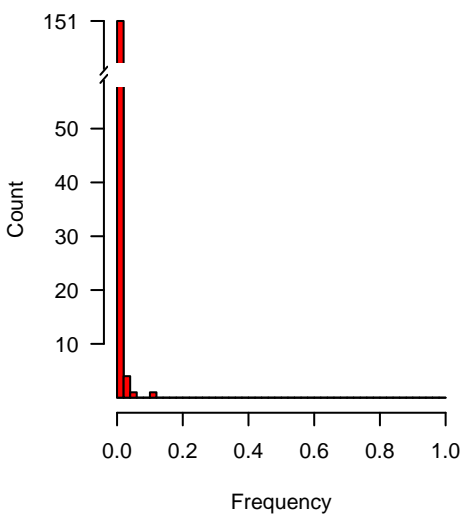
**Protease site 191**  
**AA 64**



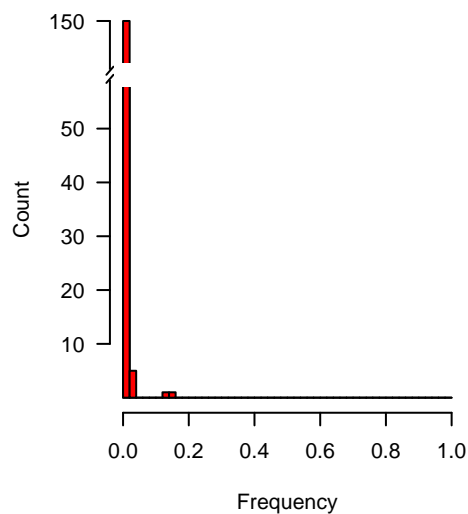
**Protease site 192**  
**AA 64**



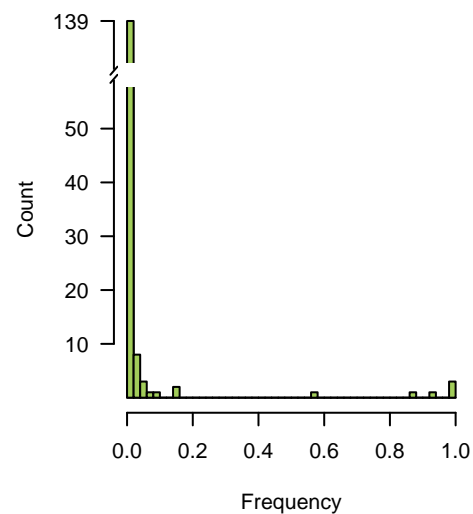
**Protease site 193**  
**AA 65**



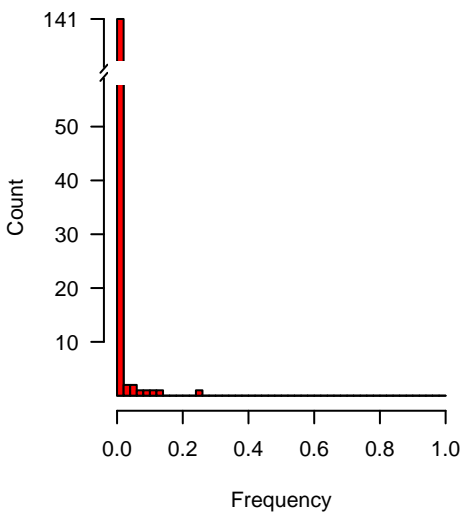
**Protease site 194**  
**AA 65**



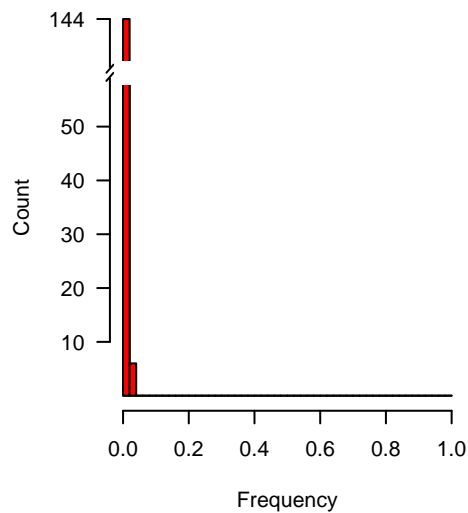
**Protease site 195**  
**AA 65**



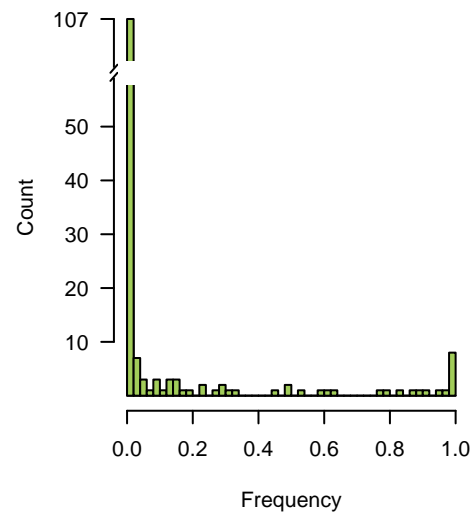
**Protease site 196**  
**AA 66**



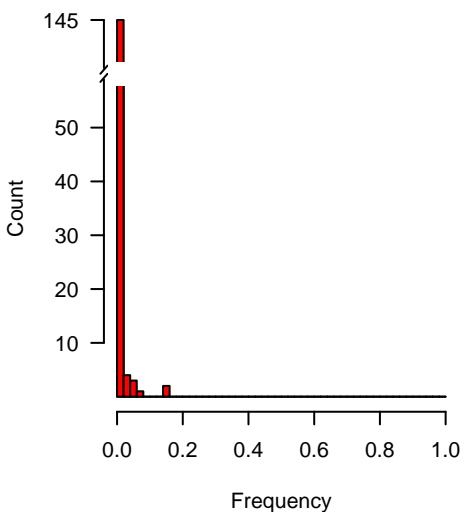
**Protease site 197**  
**AA 66**



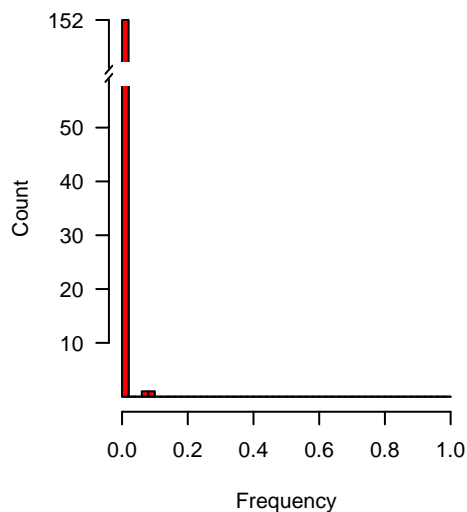
**Protease site 198**  
**AA 66 (site excluded)**



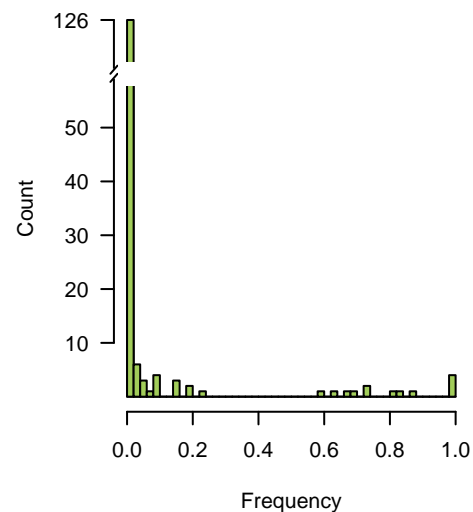
**Protease site 199**  
**AA 67**



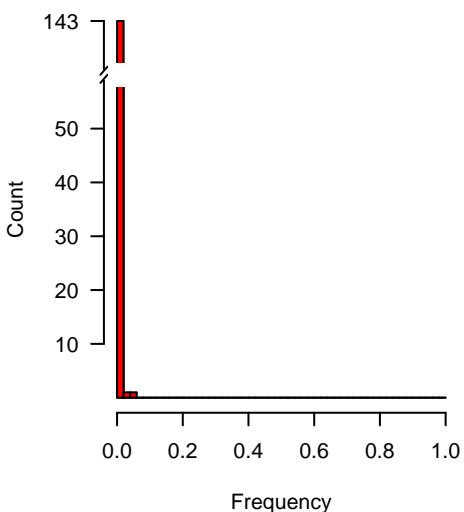
**Protease site 200**  
**AA 67**



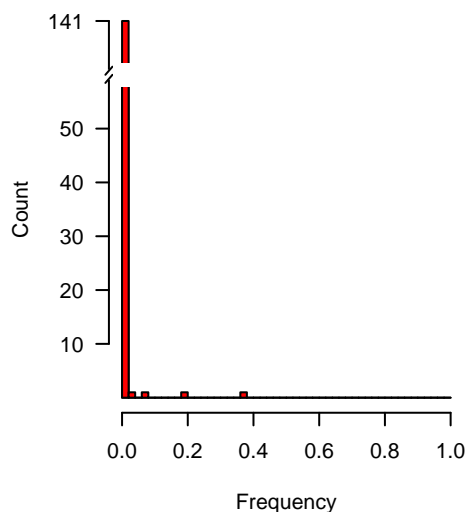
**Protease site 201**  
**AA 67**



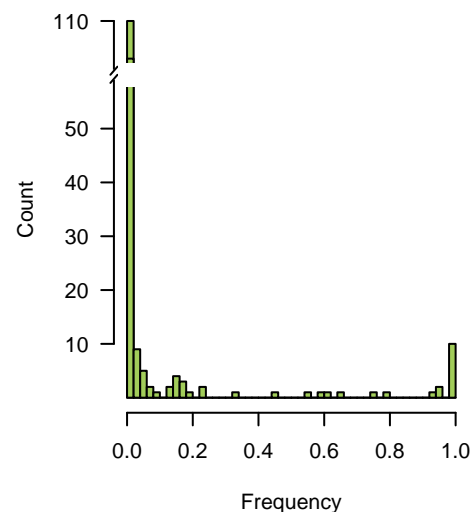
**Protease site 202**  
**AA 68**



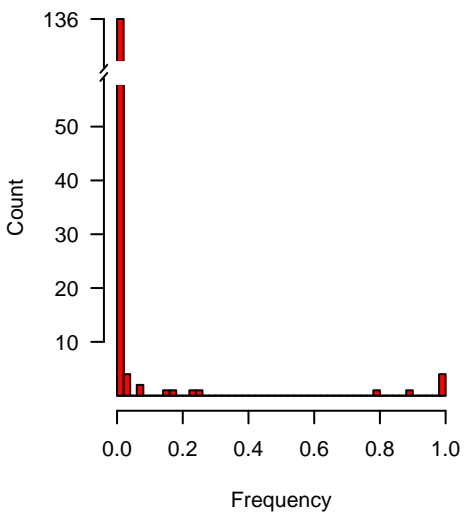
**Protease site 203**  
**AA 68**



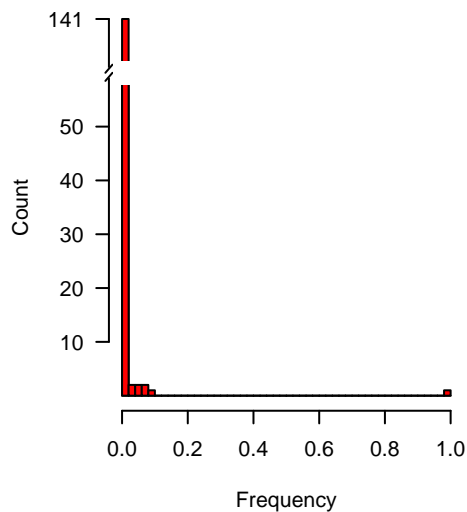
**Protease site 204**  
**AA 68 (site excluded)**



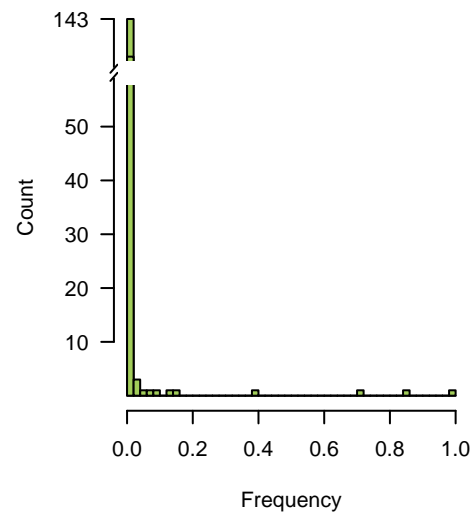
**Protease site 205**  
**AA 69**



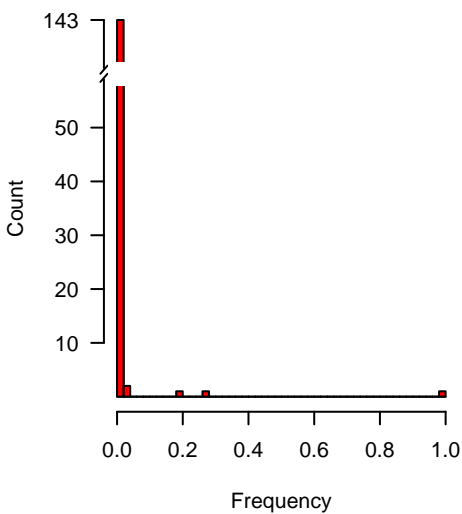
**Protease site 206**  
**AA 69**



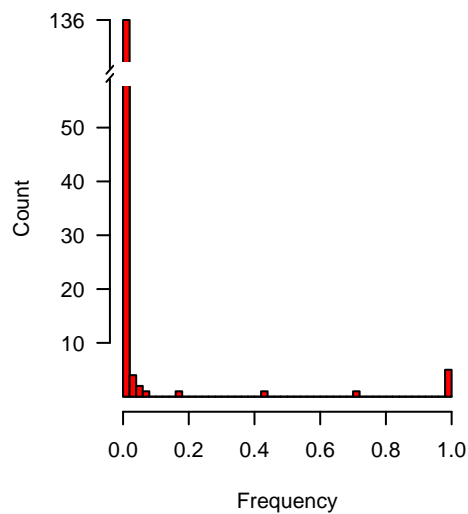
**Protease site 207**  
**AA 69**



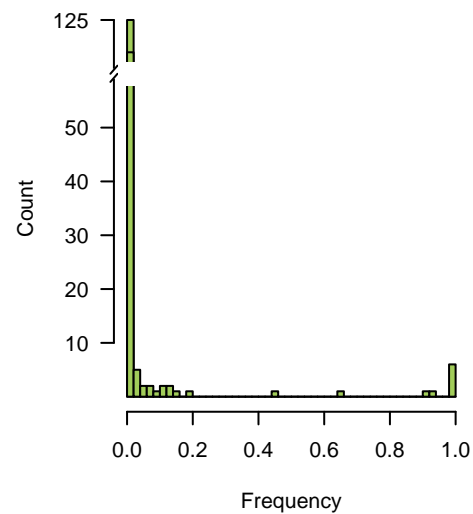
**Protease site 208**  
**AA 70**



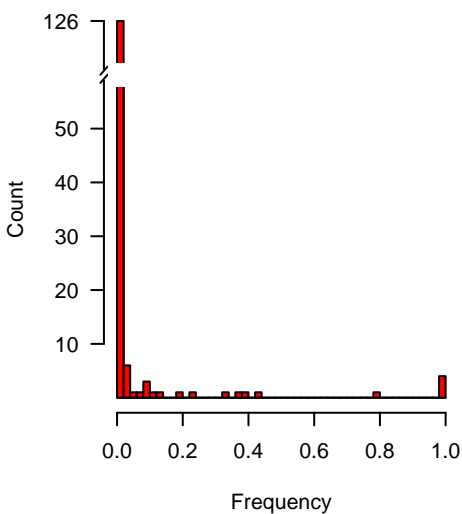
**Protease site 209**  
**AA 70**



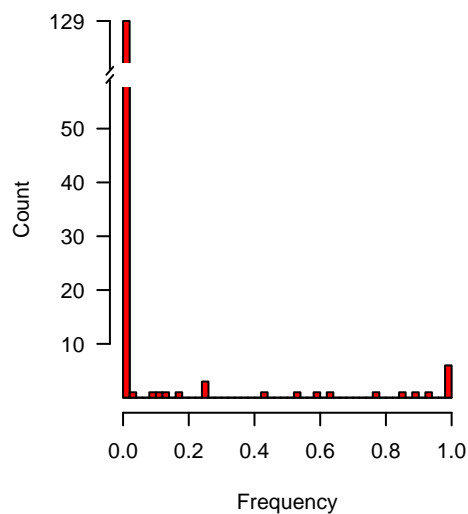
**Protease site 210**  
**AA 70**



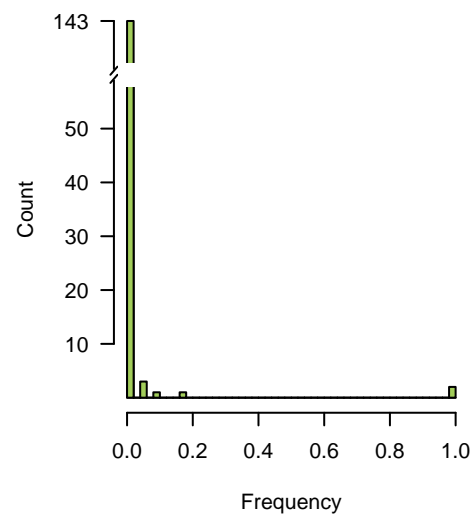
**Protease site 211**  
**AA 71**



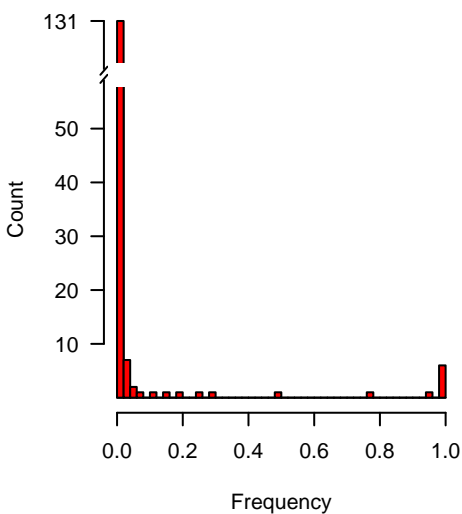
**Protease site 212**  
**AA 71**



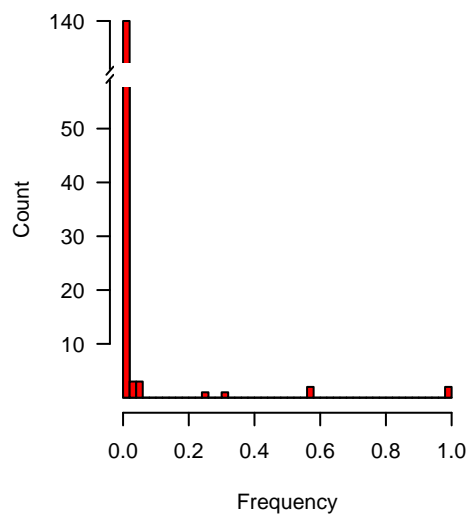
**Protease site 213**  
**AA 71**



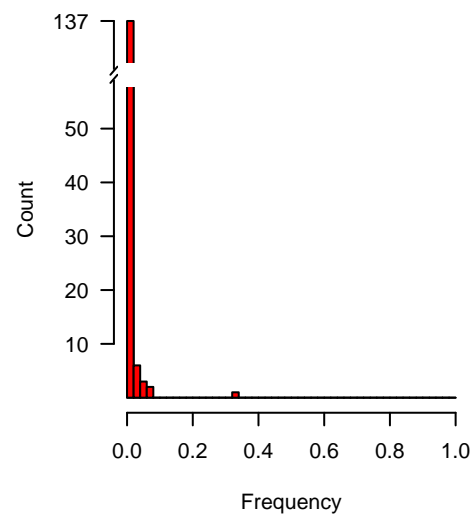
**Protease site 214**  
**AA 72**



**Protease site 215**  
**AA 72**

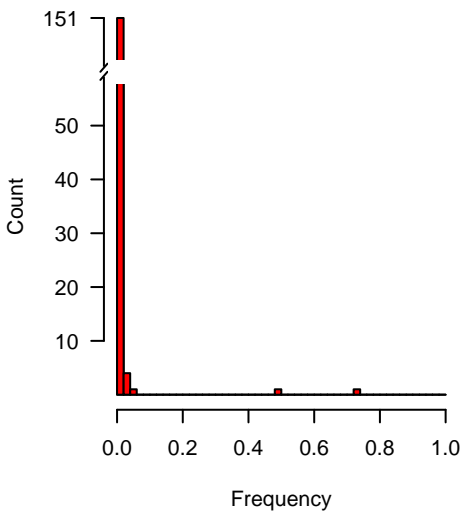


**Protease site 216**  
**AA 72**

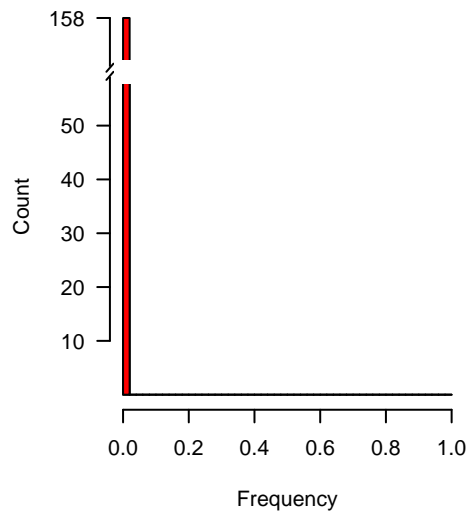




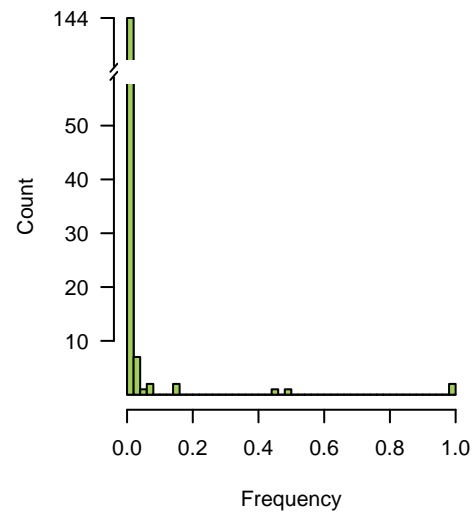
**Protease site 217**  
**AA 73**



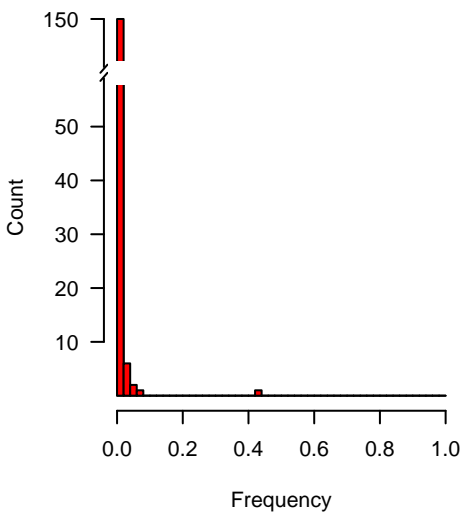
**Protease site 218**  
**AA 73**



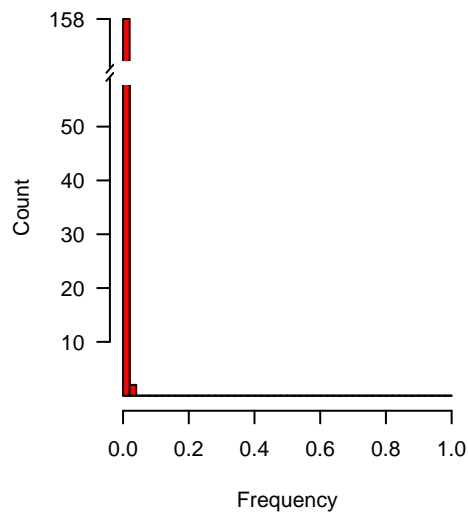
**Protease site 219**  
**AA 73**



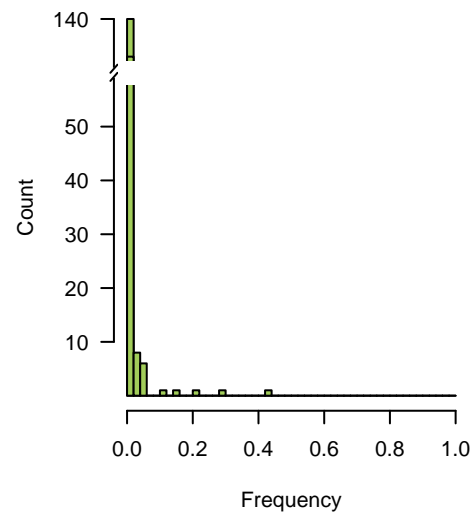
**Protease site 220**  
**AA 74**



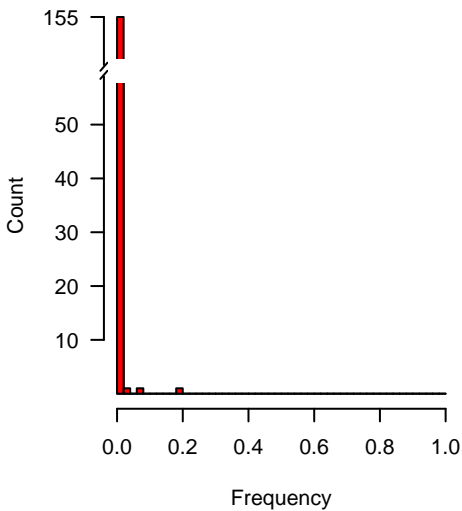
**Protease site 221**  
**AA 74**



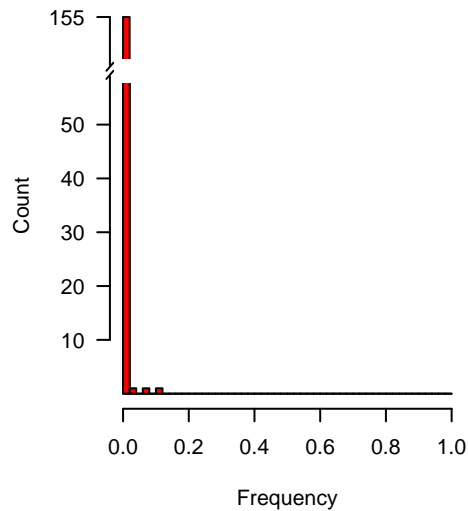
**Protease site 222**  
**AA 74**



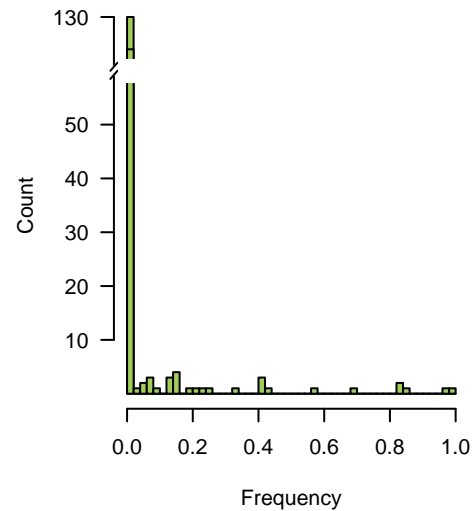
**Protease site 223**  
**AA 75**



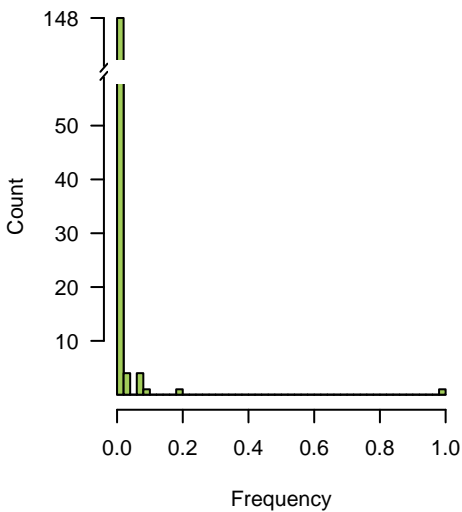
**Protease site 224**  
**AA 75**



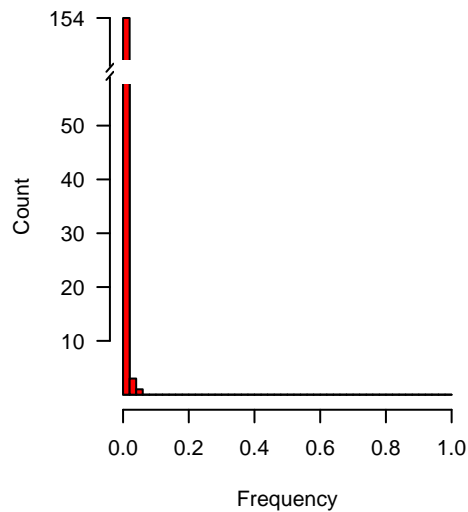
**Protease site 225**  
**AA 75**



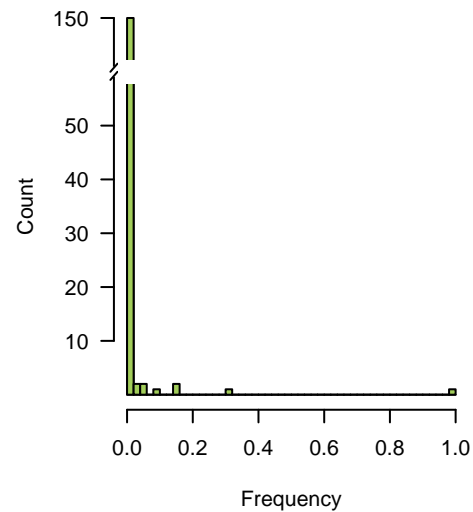
**Protease site 226**  
**AA 76**



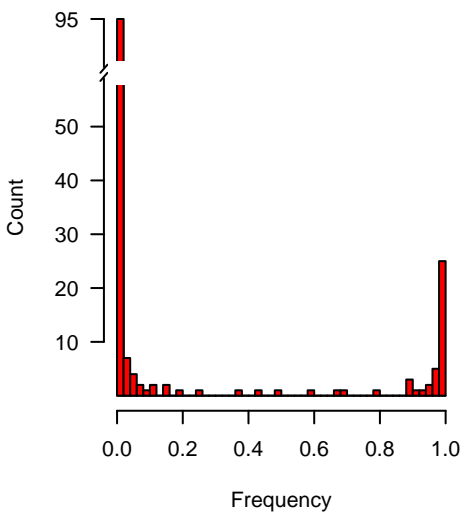
**Protease site 227**  
**AA 76**



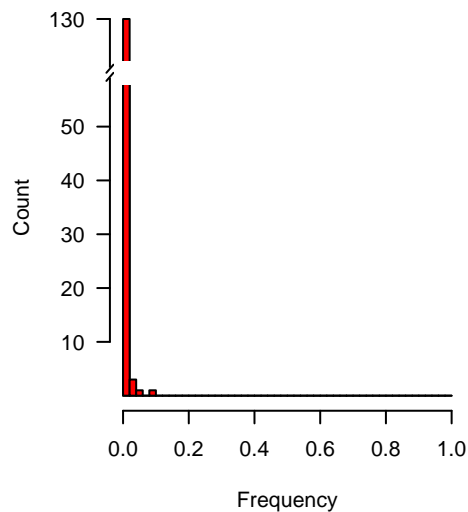
**Protease site 228**  
**AA 76**



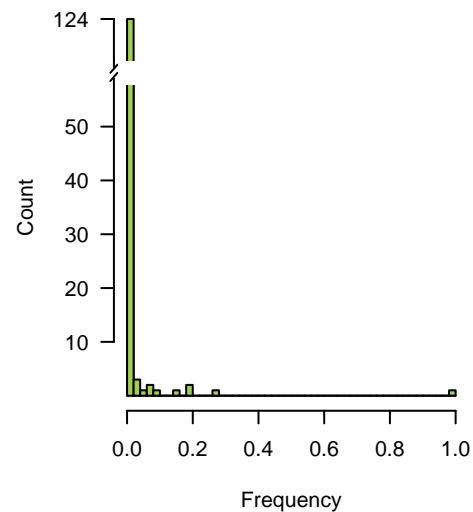
**Protease site 229**  
**AA 77 (site excluded)**



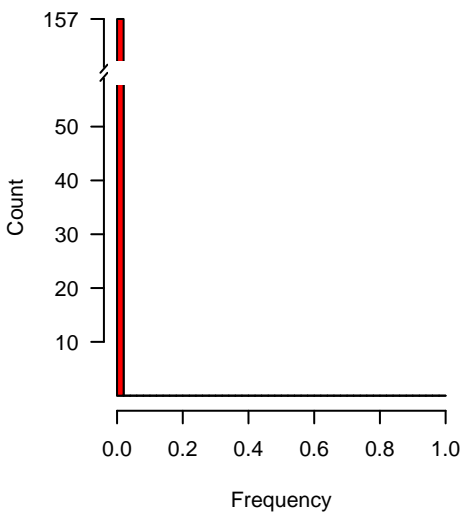
**Protease site 230**  
**AA 77**



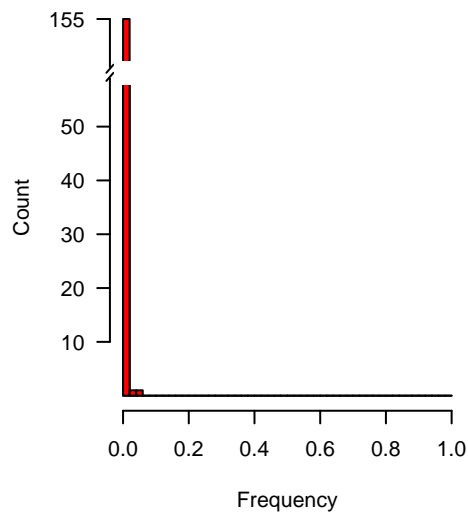
**Protease site 231**  
**AA 77**



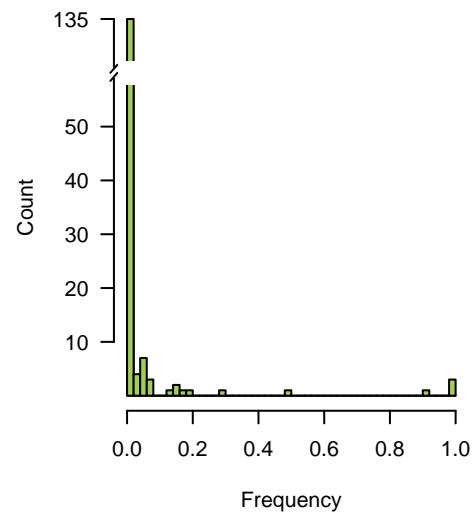
**Protease site 232**  
**AA 78**



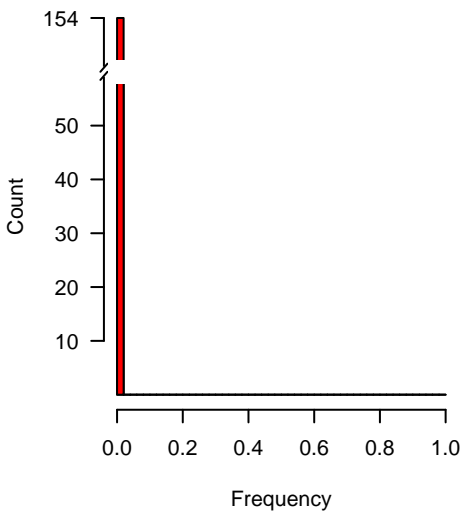
**Protease site 233**  
**AA 78**



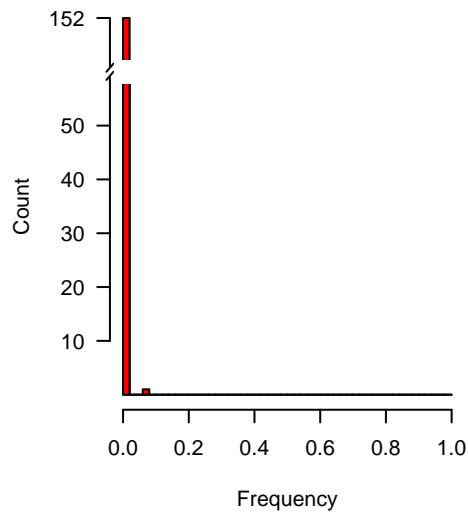
**Protease site 234**  
**AA 78**



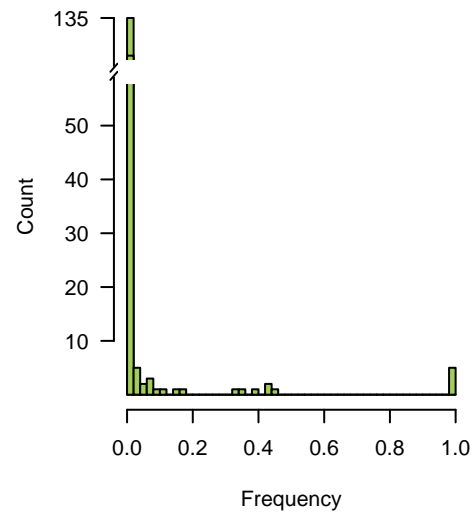
**Protease site 235**  
**AA 79**



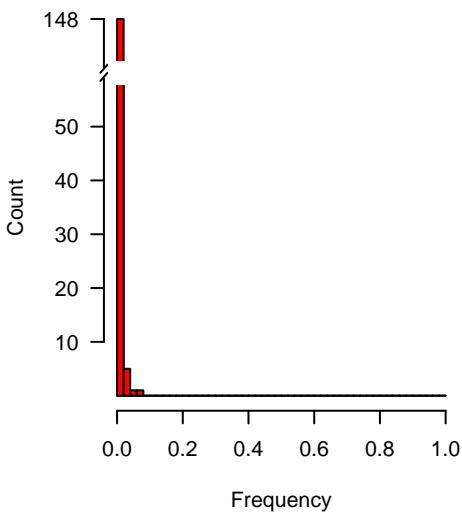
**Protease site 236**  
**AA 79**



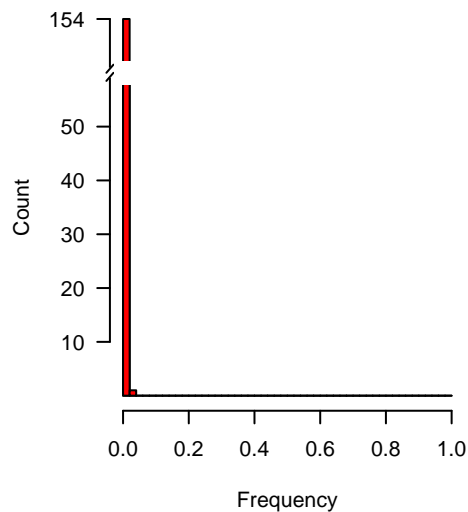
**Protease site 237**  
**AA 79**



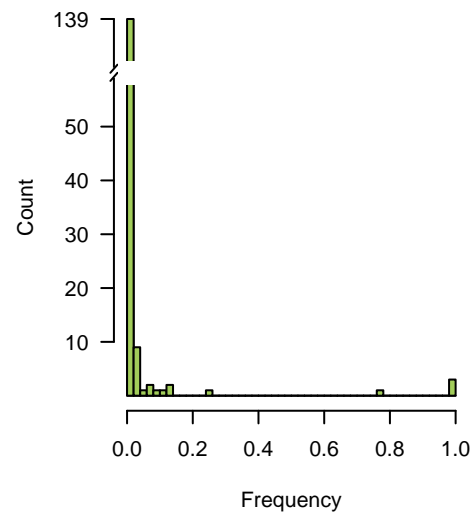
**Protease site 238**  
**AA 80**



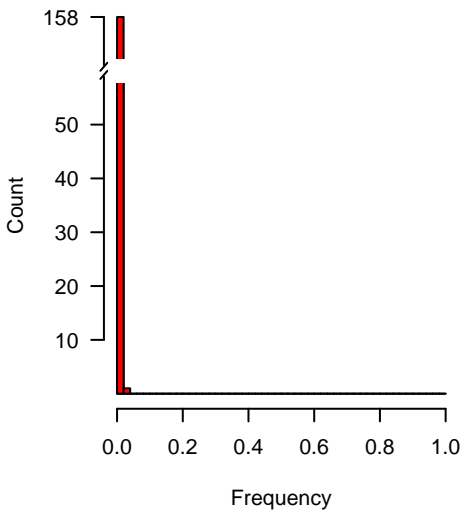
**Protease site 239**  
**AA 80**



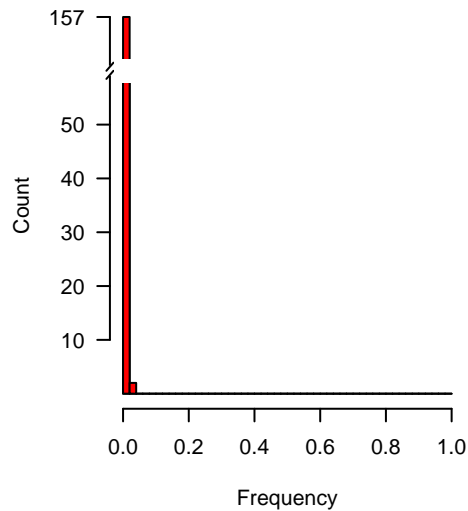
**Protease site 240**  
**AA 80**



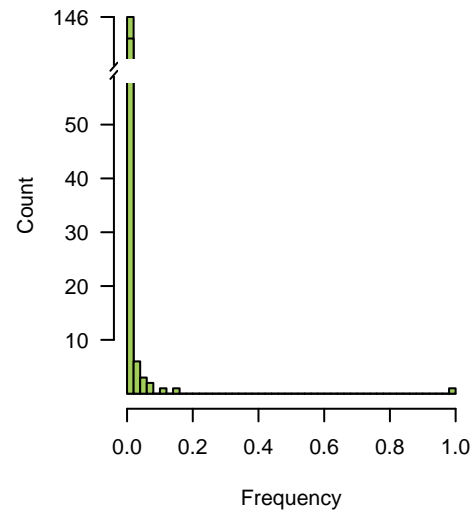
**Protease site 241**  
**AA 81**

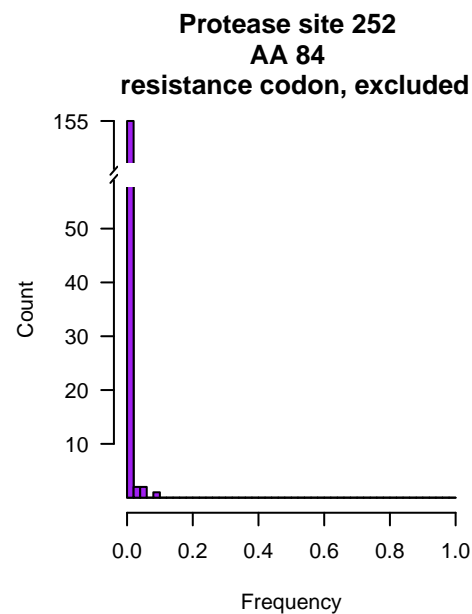
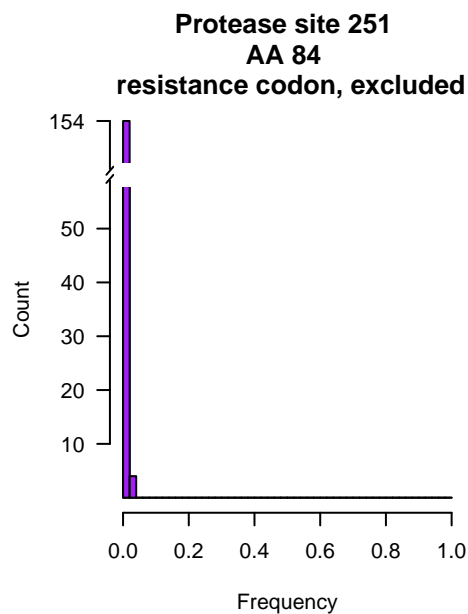
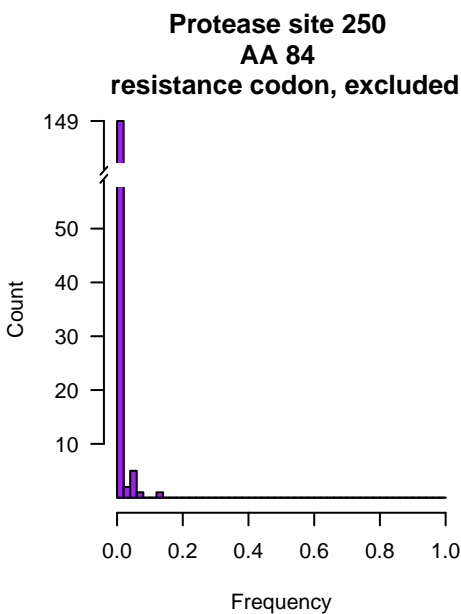
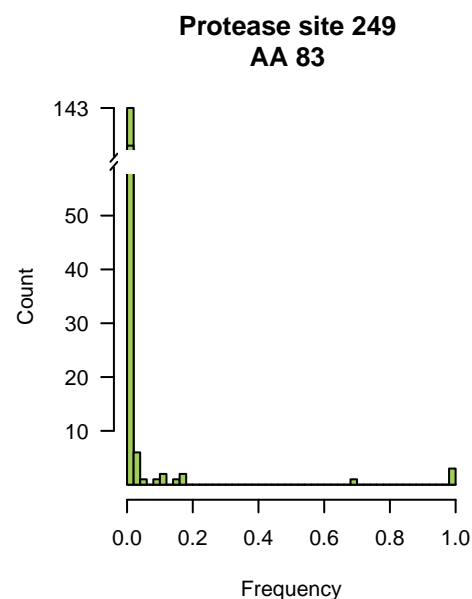
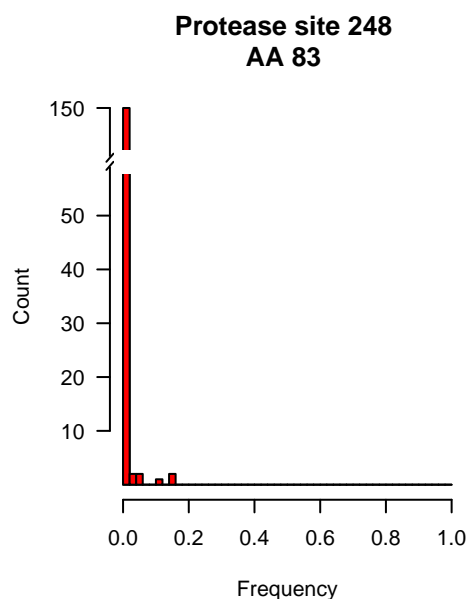
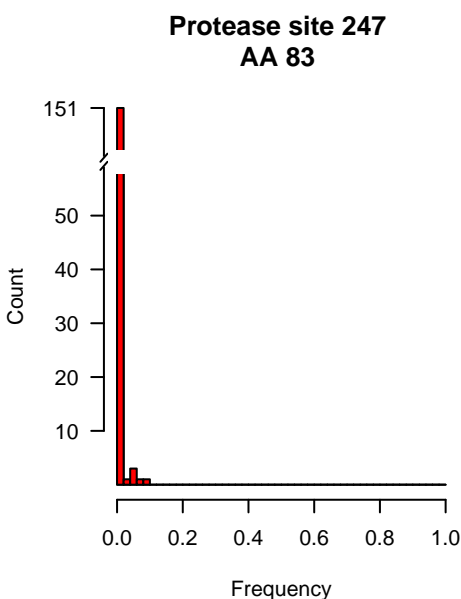
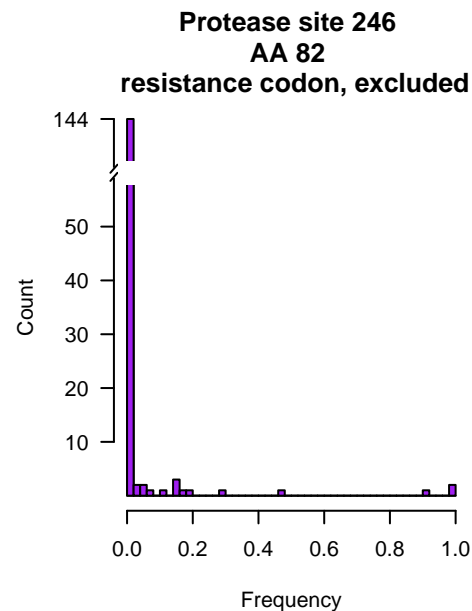
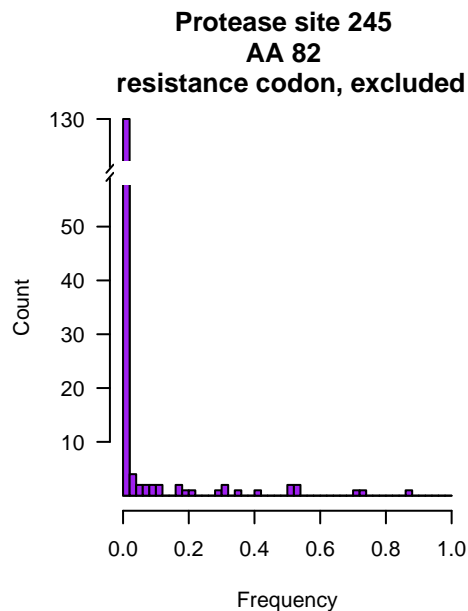
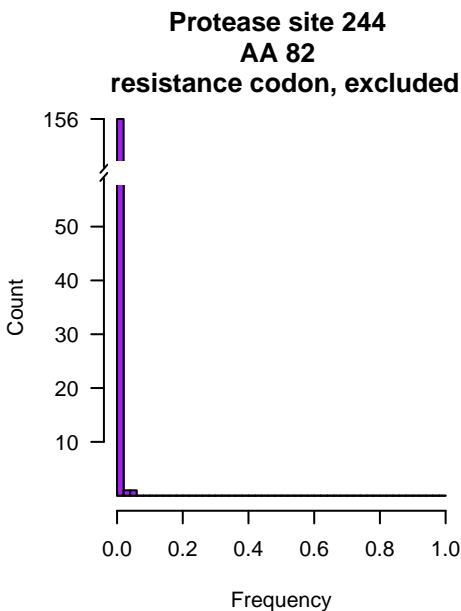


**Protease site 242**  
**AA 81**

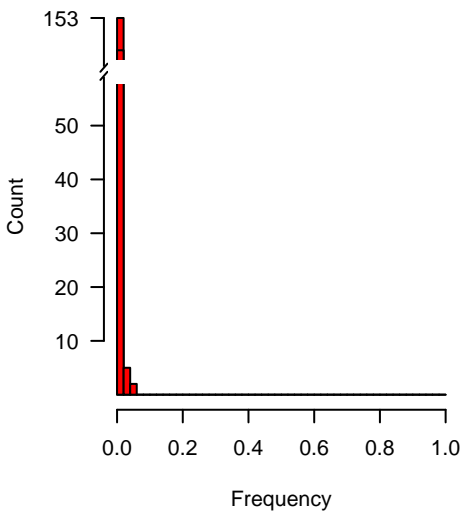


**Protease site 243**  
**AA 81**

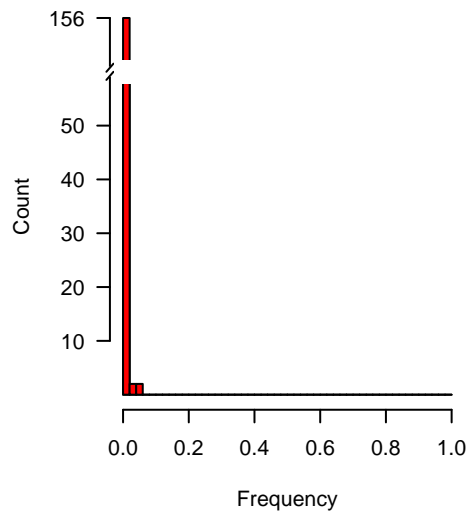




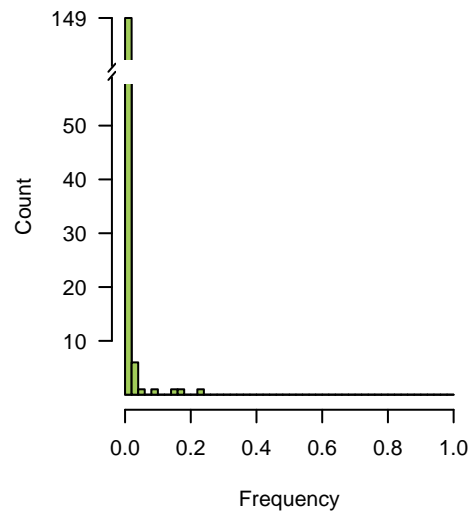
**Protease site 253**  
**AA 85**



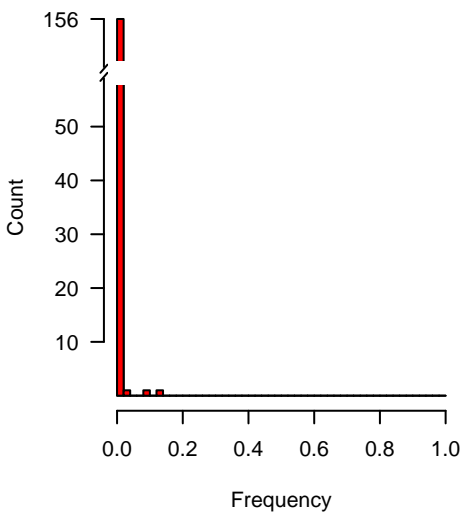
**Protease site 254**  
**AA 85**



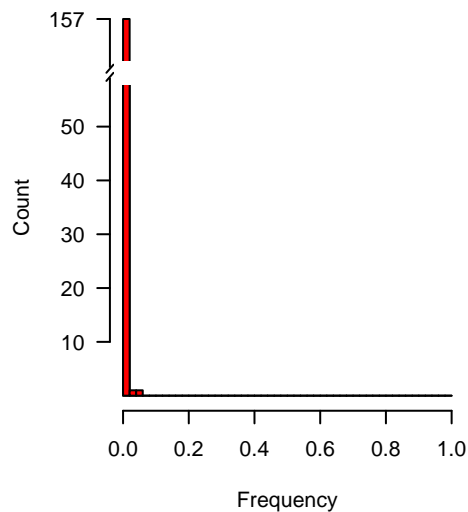
**Protease site 255**  
**AA 85**



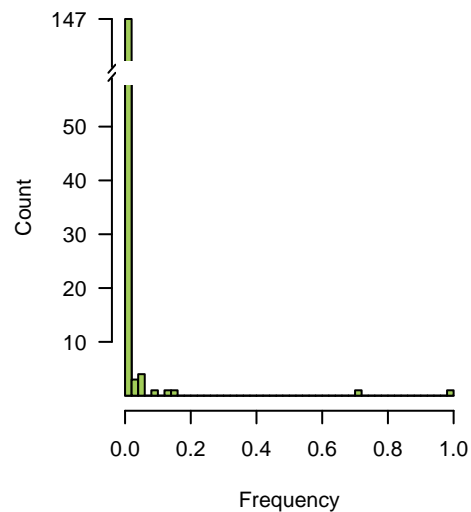
**Protease site 256**  
**AA 86**



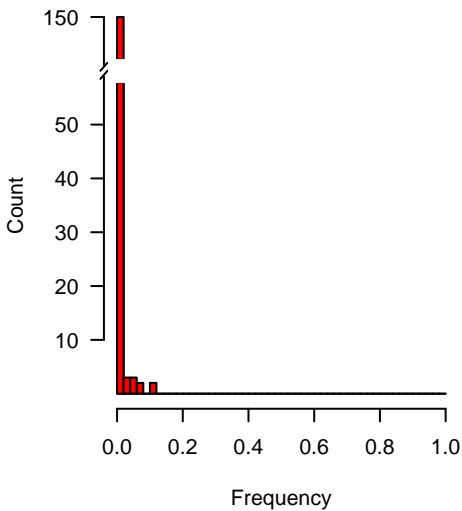
**Protease site 257**  
**AA 86**



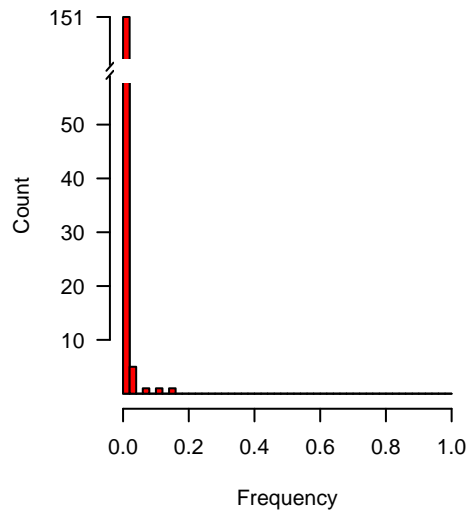
**Protease site 258**  
**AA 86**



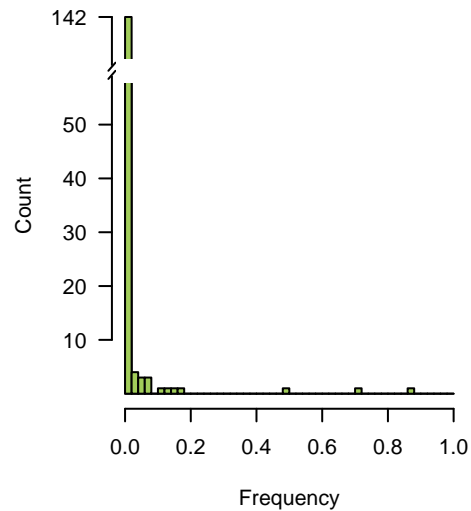
**Protease site 259**  
**AA 87**



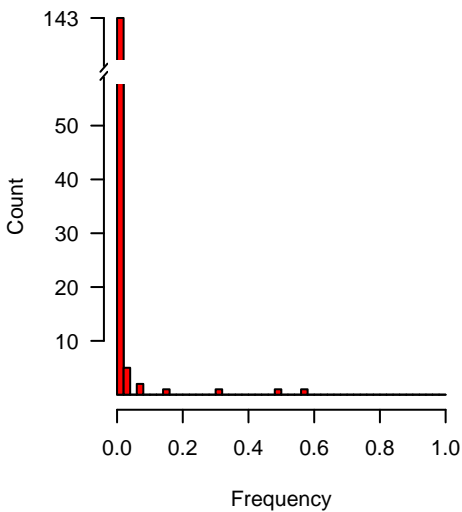
**Protease site 260**  
**AA 87**



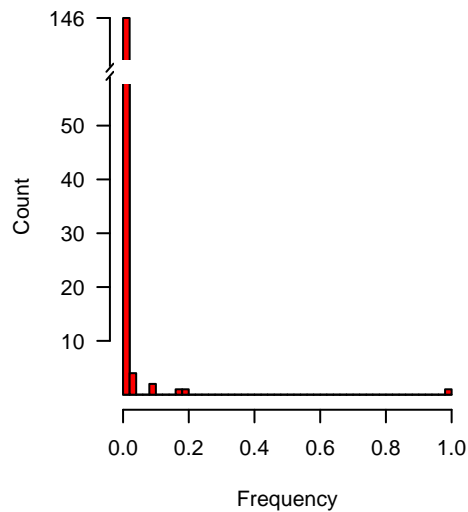
**Protease site 261**  
**AA 87**



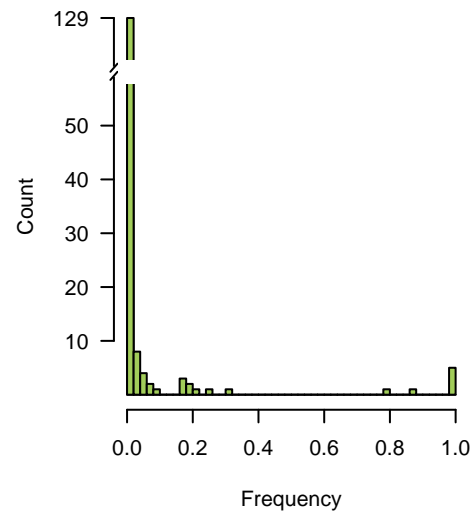
**Protease site 262**  
**AA 88**



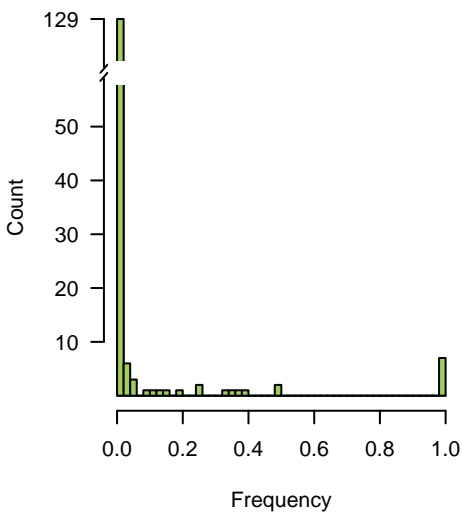
**Protease site 263**  
**AA 88**



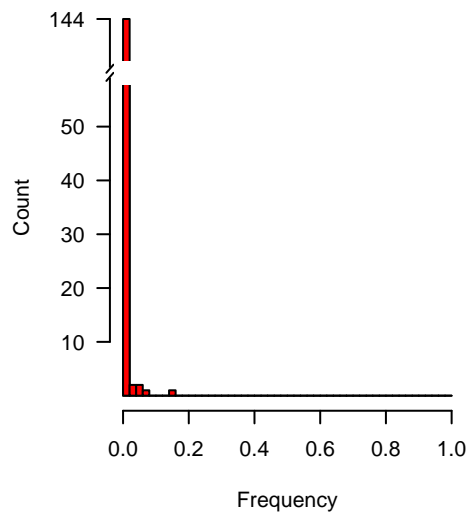
**Protease site 264**  
**AA 88**



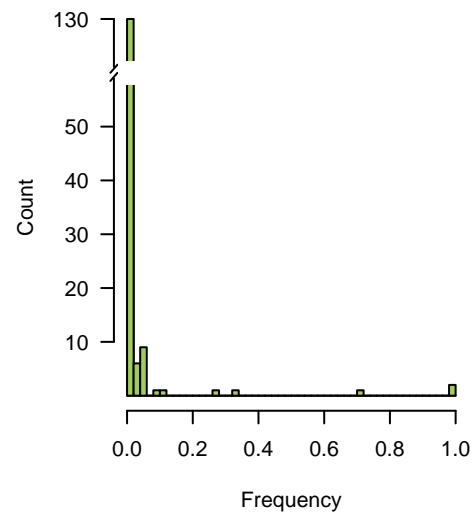
**Protease site 265**  
**AA 89**



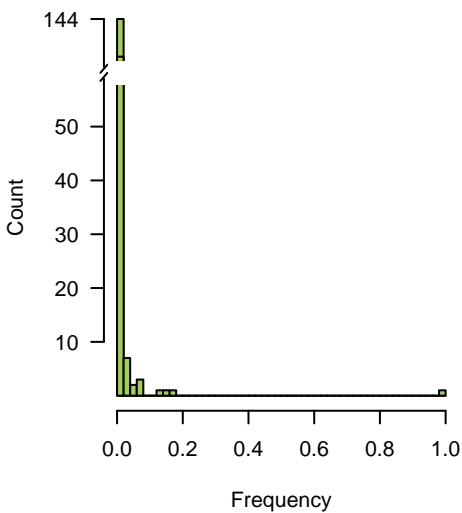
**Protease site 266**  
**AA 89**



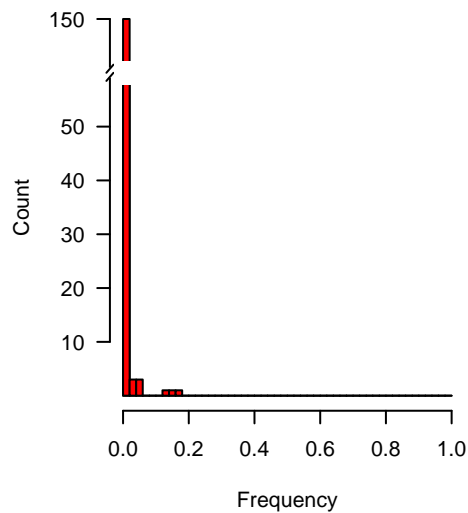
**Protease site 267**  
**AA 89**



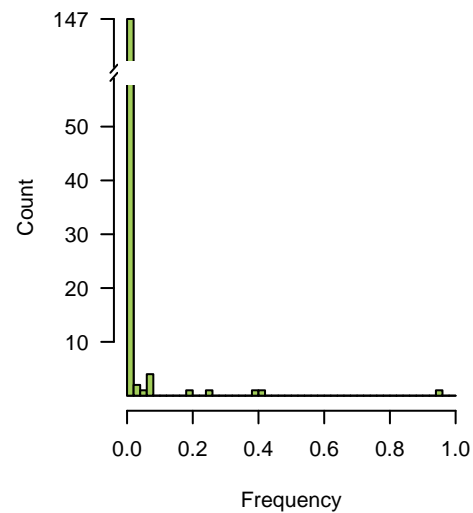
**Protease site 268**  
**AA 90**



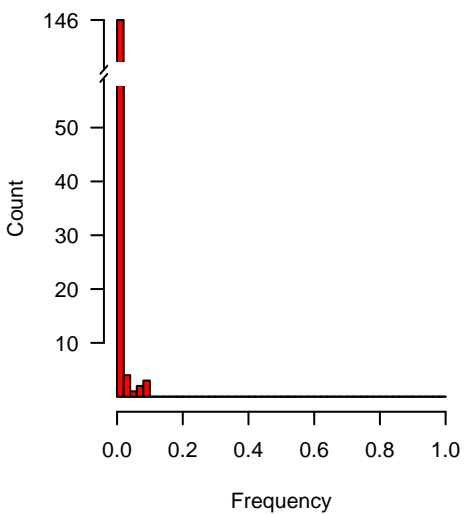
**Protease site 269**  
**AA 90**



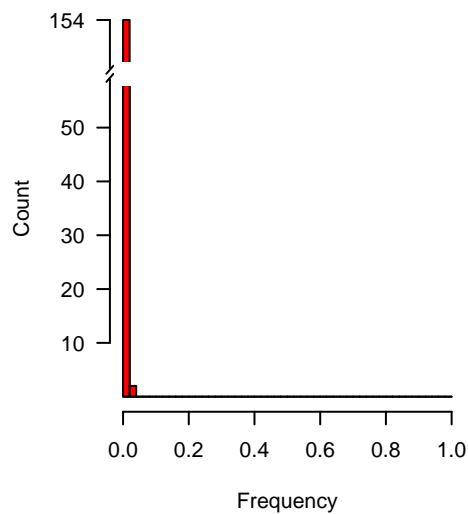
**Protease site 270**  
**AA 90**



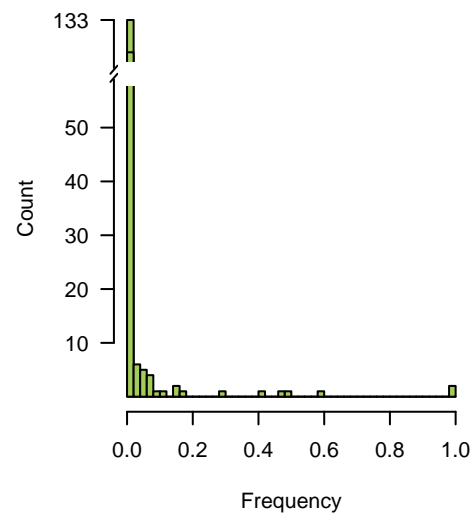
**Protease site 271**  
**AA 91**



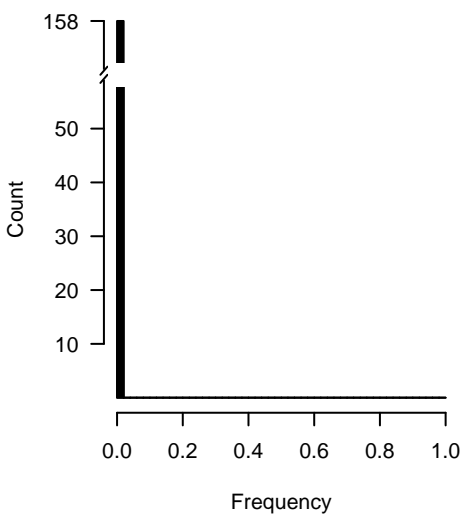
**Protease site 272**  
**AA 91**



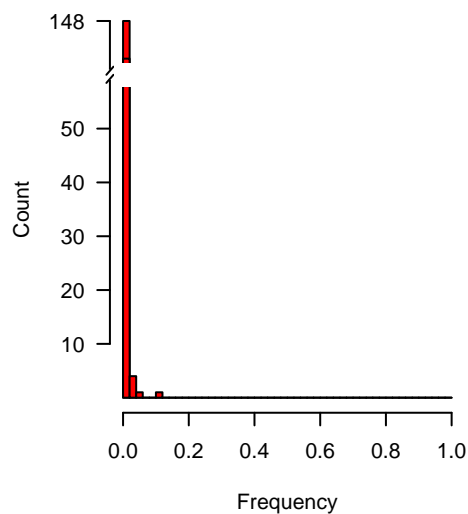
**Protease site 273**  
**AA 91**



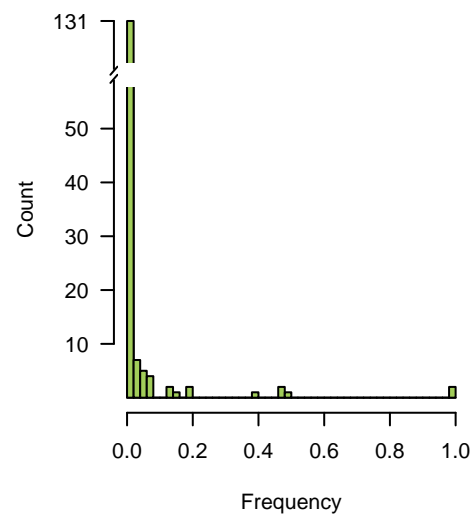
**Protease site 274**  
**AA 92**



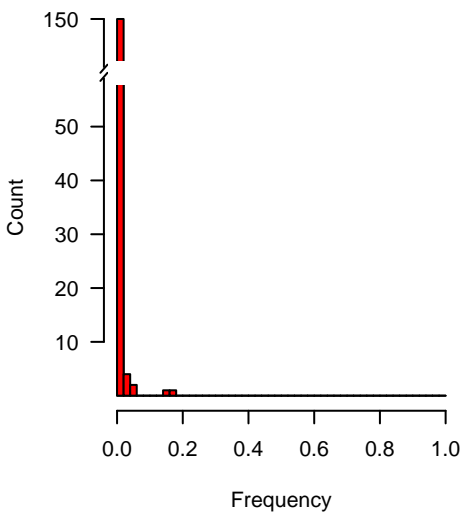
**Protease site 275**  
**AA 92**



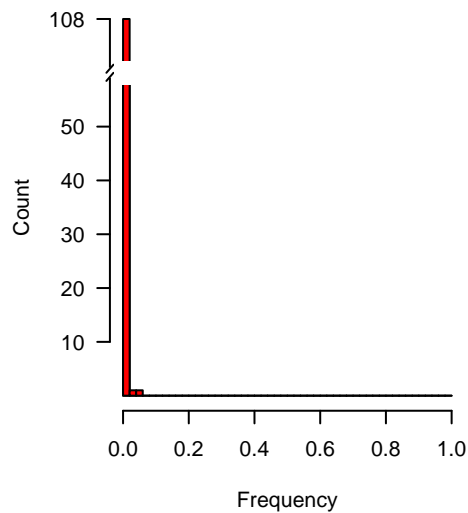
**Protease site 276**  
**AA 92**



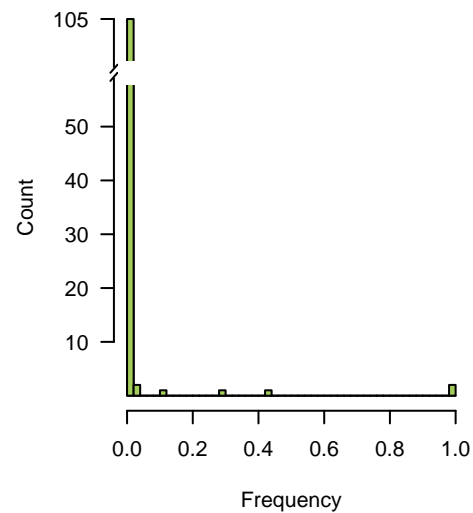
**Protease site 277**  
**AA 93 (site excluded)**



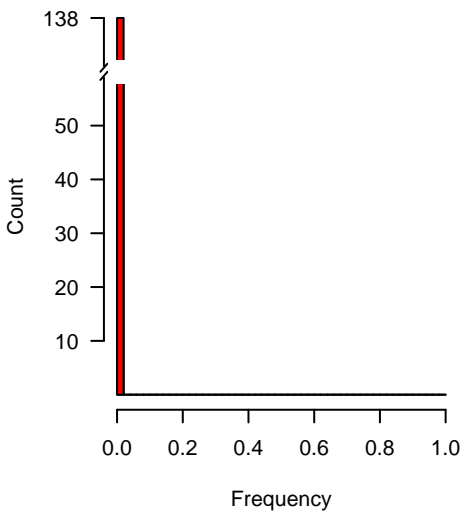
**Protease site 278**  
**AA 93**



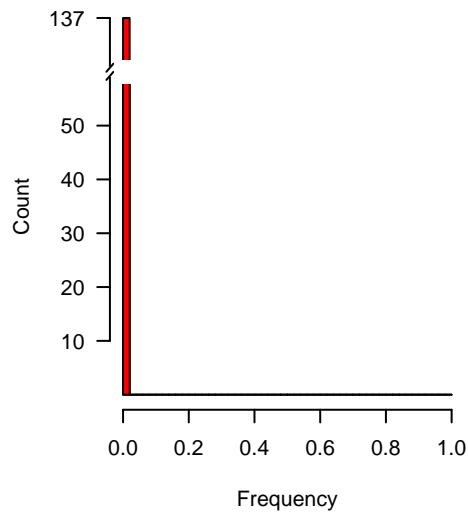
**Protease site 279**  
**AA 93**



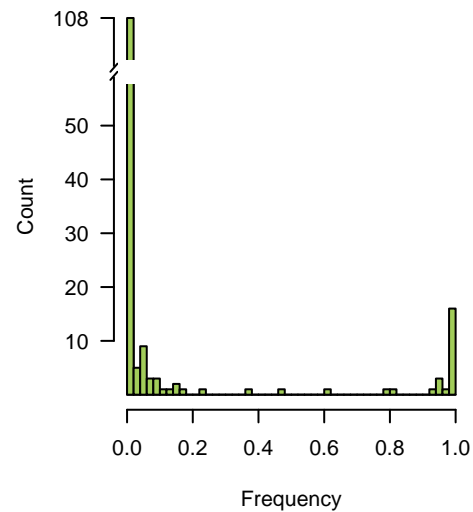
**Protease site 280**  
**AA 94**



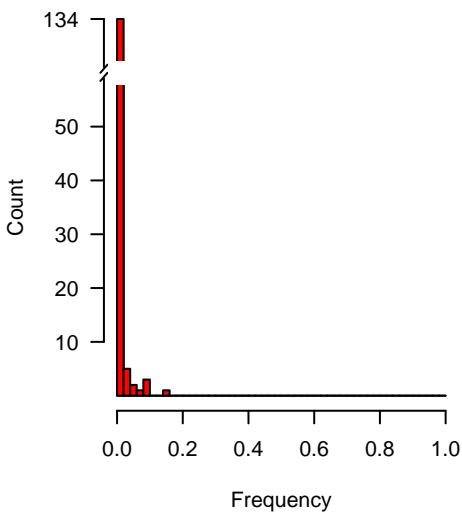
**Protease site 281**  
**AA 94**



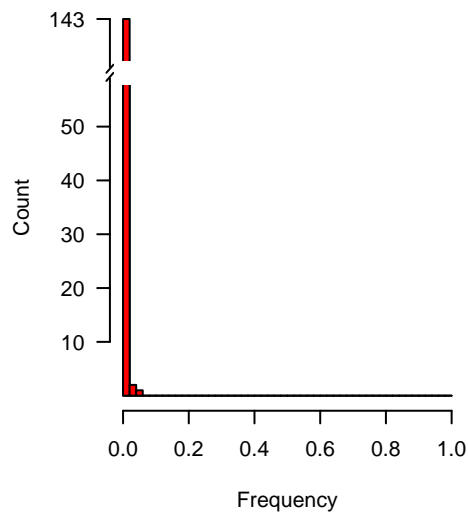
**Protease site 282**  
**AA 94 (site excluded)**



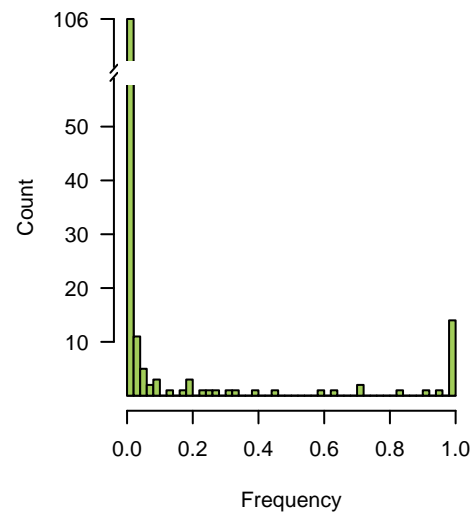
**Protease site 283**  
**AA 95**



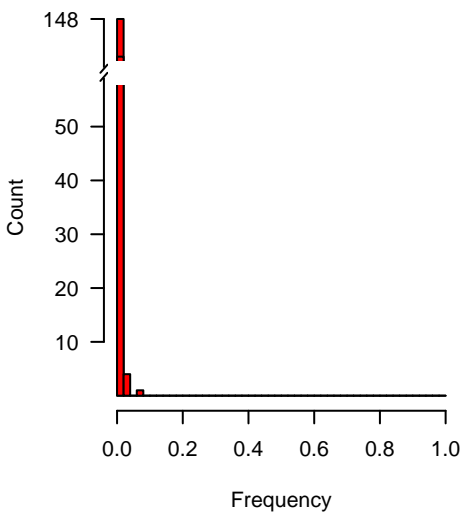
**Protease site 284**  
**AA 95**



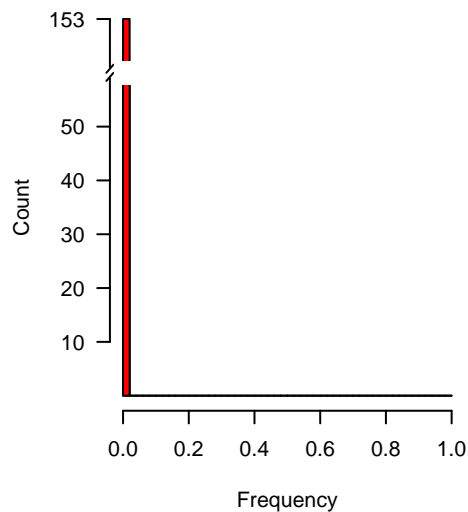
**Protease site 285**  
**AA 95 (site excluded)**



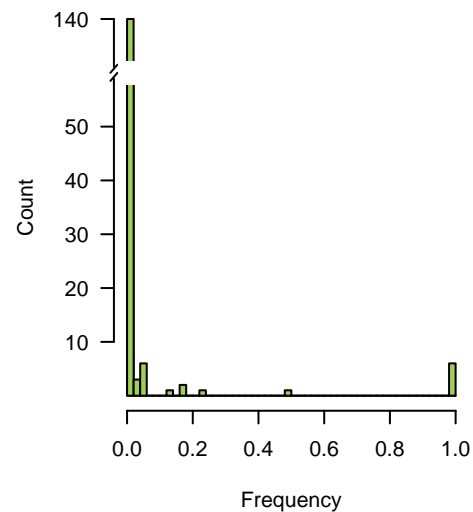
**Protease site 286**  
**AA 96**



**Protease site 287**  
**AA 96**

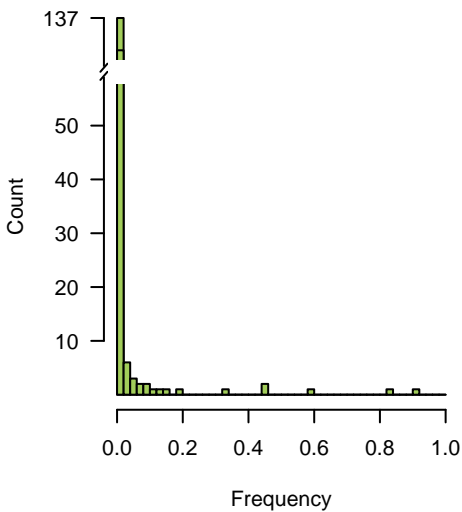


**Protease site 288**  
**AA 96**

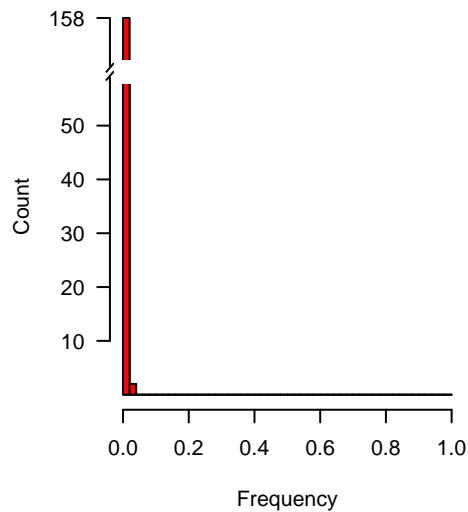




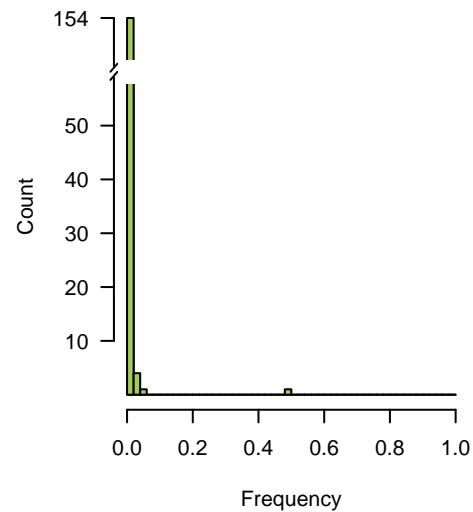
**Protease site 289**  
**AA 97**



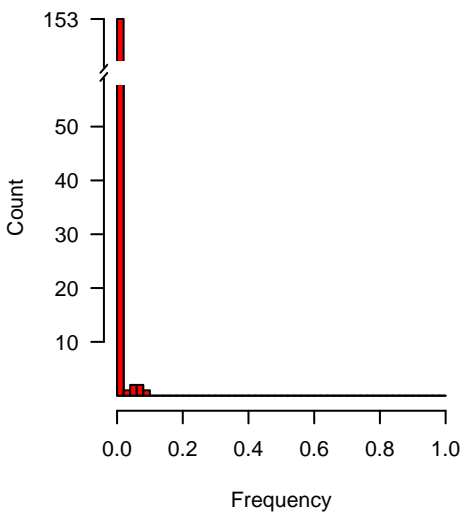
**Protease site 290**  
**AA 97**



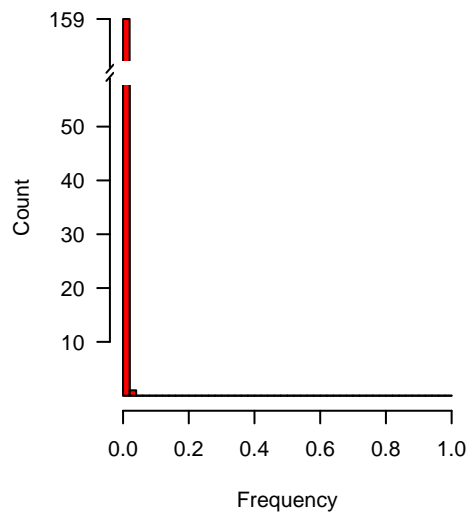
**Protease site 291**  
**AA 97**



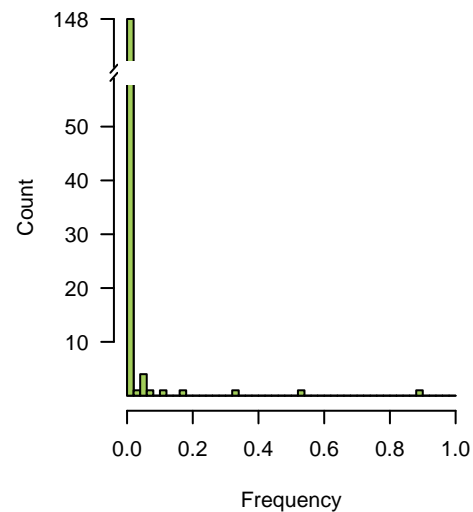
**Protease site 292**  
**AA 98**



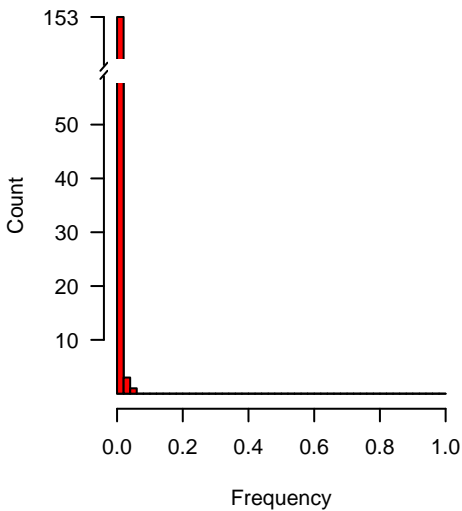
**Protease site 293**  
**AA 98**



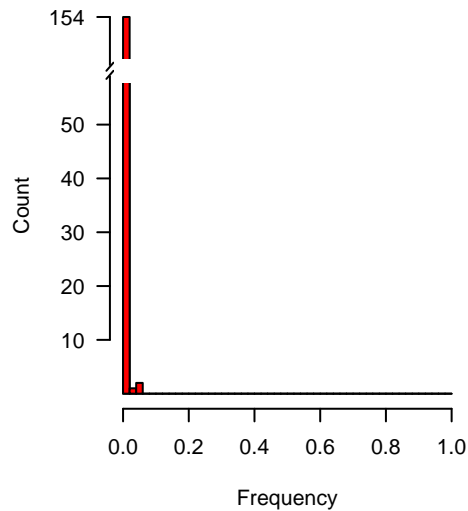
**Protease site 294**  
**AA 98**



**Protease site 295**  
**AA 99**



**Protease site 296**  
**AA 99**



**Protease site 297**  
**AA 99**

