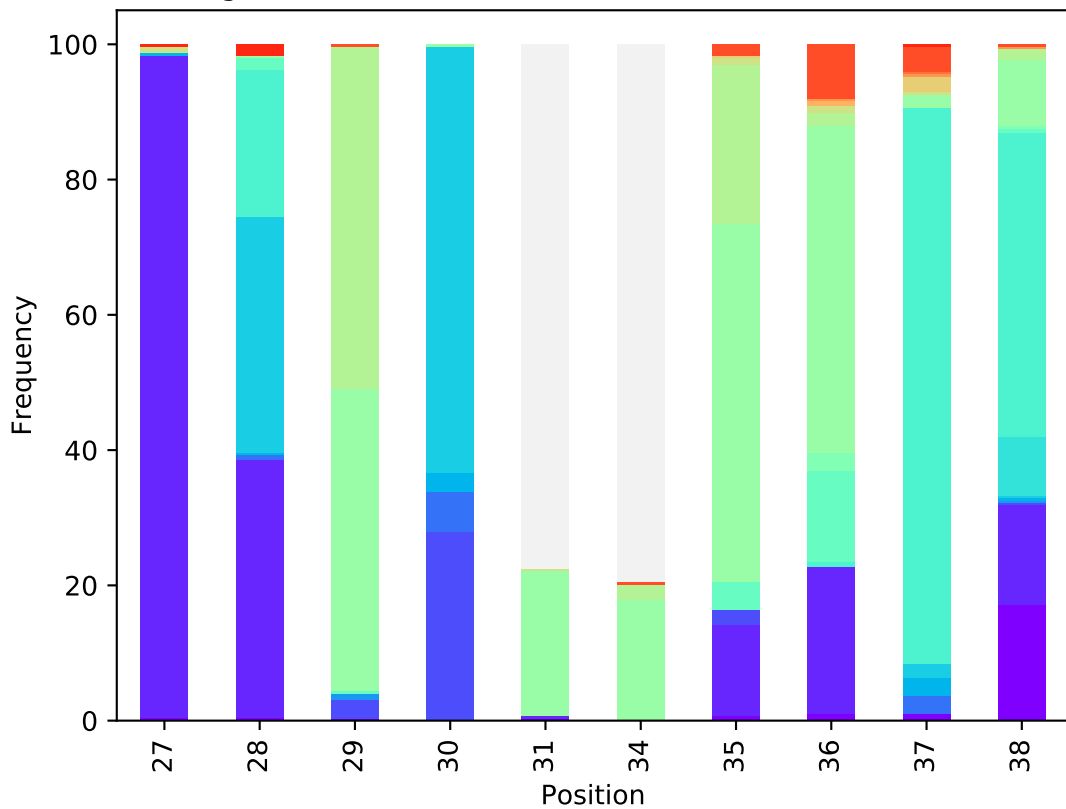
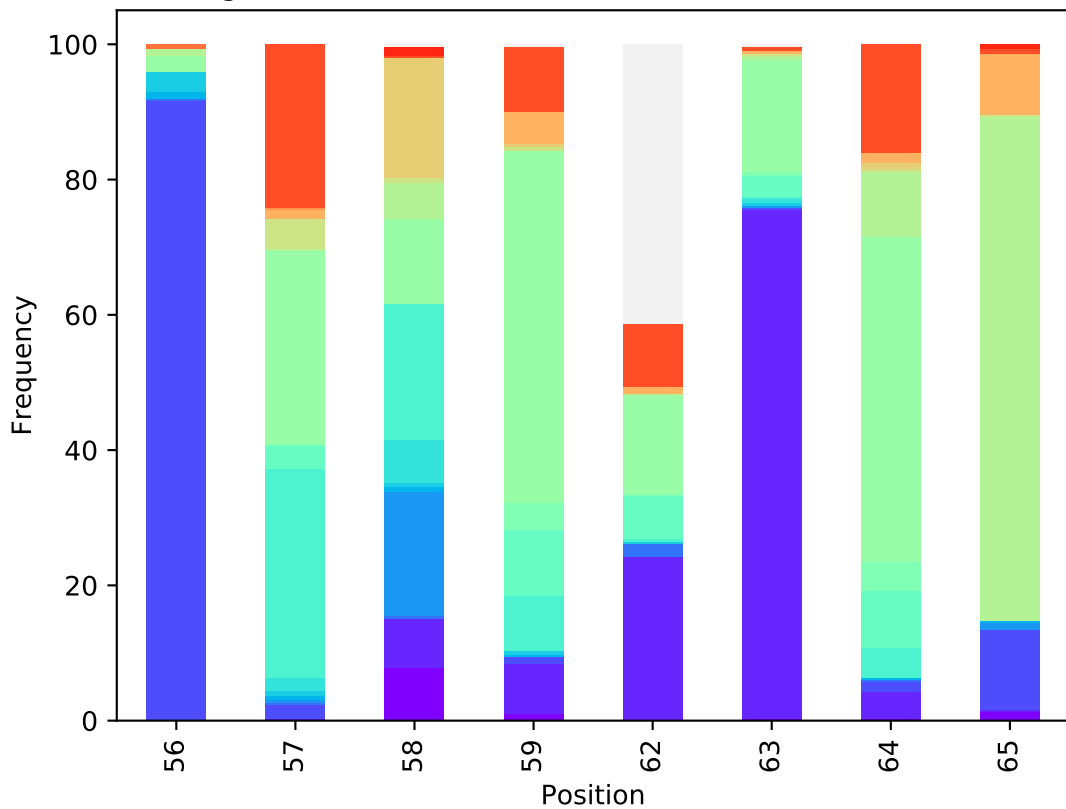


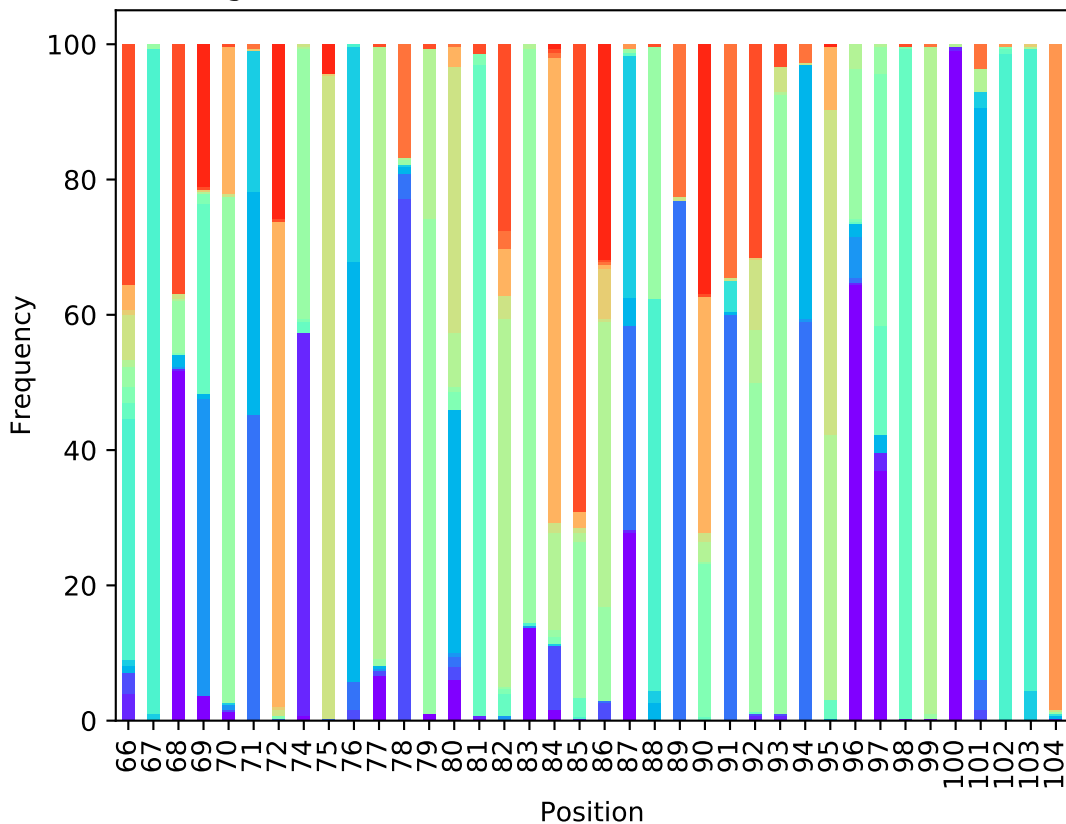
Stacked bar chart showing the frequency of 26 positions. The y-axis is 'Frequency' (0-100) and the x-axis is 'Position' (1-26). Each bar is composed of segments of different colors representing different categories. The colors used are light green, cyan, red, blue, orange, purple, and light blue. The distribution varies significantly across positions, with some positions being dominated by a single color and others being more mixed.

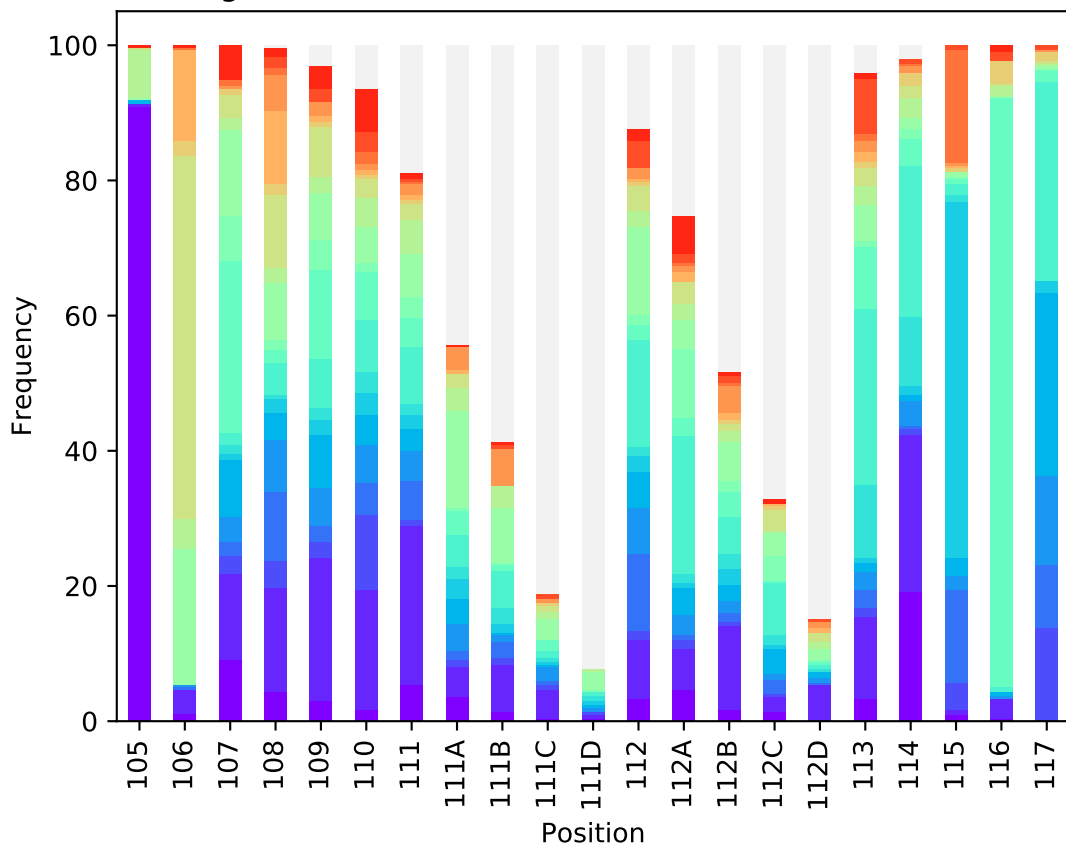


Stacked bar chart showing the frequency of 17 different categories across 17 positions (39-55). The y-axis represents Frequency from 0 to 100. The x-axis represents Position from 39 to 55. Each bar is composed of segments of different colors representing the categories. The colors used are blue, orange, red, green, cyan, purple, and yellow.

Position	Category 1 (Blue)	Category 2 (Orange)	Category 3 (Red)	Category 4 (Green)	Category 5 (Cyan)	Category 6 (Purple)	Category 7 (Yellow)
39	18	2	0	0	38	0	0
40	12	0	0	58	0	0	0
41	0	0	0	0	100	0	0
42	42	0	0	0	57	0	0
43	0	0	0	0	0	100	0
44	2	0	96	0	0	0	0
45	55	0	0	0	35	0	0
46	4	0	0	0	92	0	0
47	0	0	0	0	0	99	0
48	1	0	20	0	59	0	0
49	0	0	0	0	0	94	0
50	100	0	0	0	0	0	0
51	1	0	0	0	0	98	0
52	0	0	0	0	100	0	0
53	38	0	0	0	39	0	0
54	10	0	0	0	0	90	0
55	6	0	0	0	0	94	0







Stacked bar chart showing the frequency of different amino acids at positions 118 to 128. The y-axis is labeled 'Frequency' and ranges from 0 to 100. The x-axis is labeled 'Position' and ranges from 118 to 128. The bars are stacked with various colors representing different amino acids: cyan (118), purple (119), red (120), green (121), light green (122), blue (123), cyan (124), light green (125), cyan (126), light green (127), and light green (128).

Position	Frequency	Amino Acid
118	100	Cyan
119	100	Purple
120	100	Red
121	100	Green
122	100	Light Green
123	100	Blue
124	100	Cyan
125	100	Light Green
126	100	Cyan
127	100	Light Green
128	100	Light Green