	Α	С	D	E	F	G	Н	ı	K	L	M	N	Р	Q	R	S	Т	V	W	Υ
2:V	5.69% 4.97%	0.03% 0.02%	6.53% 0.21%	<mark>61.03%</mark> 3.76%	0.03% 0.36%	5.72% 3.39%	0.46% 0.01%	2.89%	5.19% 0.56%	8.45%	0.39% 6.37%	0.51% 0.05%	0.49% 0.29%	5.25% 0.14%	0.92% 0.54%	0.30% 0.27%	0.88%	5.68% 66.78%	0.22% 0.05%	0.29%
4:L	0.11% 0.96% 6.19%	0.02%			0.73%	0.47%	0.05%	0.91%	0.55%	67.98%	6.19%	1.17% 0.03% 0.02%	2.67%	0.92%	1.57%	1.27%	0.67%	0.13% 14.12%	0.31%	0.01%
6:E	5.73%	0.00%	3.77%	71.18%	0.01%	8.25%	0.17%	0.03%	4.32%	0.27%	0.30%	0.02% 0.22% 0.04%	0.24%	1.88%	0.47%	0.10%	0.54%		0.03%	0.02%
9:G	0.69% 2.63%	0.02%	0.47%	7.86%	0.00%	60.85%	0.03%	0.34%	0.80%	0.29%	0.03%	0.01% 0.07%	0.28%	0.18%	20.74%	3.23%	1.27%	0.89%	0.02%	0.00%
11:L				0.04%	3.79%	0.08%	0.01%	0.19%	0.02%	81.94%	0.87%	0.43% 0.00% 0.14%	0.60%	0.12%		6.64%	0.09%	1.27%		0.02%
13:K	0.51%			10.63%	0.01%	1.03%	0.22%	0.44%	51.91%	1.01%	5.54%	0.94% 0.13%	0.41%	9.05%	11.88%	0.36%	4.20%	0.94%		
	0.50% 1.73%			2.27% 6.16%	0.00% 0.00%	92.42% 85.17%	0.00% 0.02%	0.00% 0.02%	0.08% 0.48%	0.05% 0.12%	0.03% 0.12%	0.00% 0.03%	0.02% 0.12%	0.06% 0.23%	2.95% 2.97%	0.05% 0.13%	0.04% 0.19%	0.56% 1.62%		0.00%
18:L	2.40% 0.14% 0.17%	2.81% 0.03% 0.08%		0.01%	1.13%	0.03%	1.41%	0.50%	0.00%	77.05%	0.07%	0.16% 0.02% 0.17%	16.33%	0.34%	1.35%	0.29%	0.17%			0.02%
20:L	0.21% 3.10%	0.11% 1.94%	0.06% 0.09%	0.01%		0.08%	1.47%	1.09%	0.01%	80.40%	0.06%	0.08%	6.67%	0.08%	1.79%	0.25%	0.14%	4.17%		0.04%
23:A	79.65%	64.56% 0.01%	0.28%	3.30%		0.89%	0.01%	0.58%	0.18%	0.37%	0.05%	0.35%	2.76%	0.05%	0.19%	3.63%	7.01%	0.99%	0.01%	0.01%
25:S	1.62%	3.20%	0.07%	0.01%	2.41%	0.15%	0.11%	0.07%	0.00%	0.62%	0.00%	0.13%	5.98%	0.01%	0.17%	83.27%	1.16%	0.16%		0.83%
27:F		2.60%		0.01%		0.16%	0.24%	1.57%	0.01%	22.86%	0.09%	0.11% 0.11% 1.34%	0.80%	0.02%	0.39%	3.74%		2.92%	0.02% 0.11% 0.00%	
29:F 30:S	0.21% 1.22%	3.33% 2.56%	0.15% 1.53%		64.95% 0.53%		0.19%	0.74%	0.01%	20.80%	0.07%	0.09% 15.61%	0.44%			4.26% 35.68%			0.19% 0.13%	1.14% 0.55%
32:A	77.34%	0.69% 0.04% 6.96%		0.96%	0.09%	2.96%	0.04%	0.35%	0.01%	0.20%	0.03%	46.55% 0.09%	2.31%	0.00%	0.05%		5.32%	7.01%	0.02% 0.00% 68.73%	
33:W 34:M 35:S	1.14% 1.06%	0.00%	0.03%	0.49% 0.71% 0.19%	0.17%		0.01%	7.03%	3.90%	10.91%	49.16%	0.03% 0.14% 17.96%	0.39%	0.27%	4.24%	0.50%	6.61%	13.96%	0.18%	0.00%
	5.46%	3.62% 0.02%		0.08%	0.11% 0.53%	2.43%	0.01%	2.37%	0.01%	1.04%	0.08%		0.08%	0.00%				0.02% 86.36%	0.00%	0.01%
39:Q	0.07%		0.15% 0.02% 0.54%	1.57%	0.00%	0.09%	1.32%	0.00%	1.02%	1.88%	0.05%	0.06% 0.02% 0.27%	5.13%	84.39%	4.19%	0.05%			0.02%	0.01%
41:P	1.92%	0.14% 0.01% 0.05%	0.00%	0.12% 0.07% 7.96%	0.02%	0.03%	0.30%	0.06%		4.43%	0.01%	0.00%	88.60%	0.82%	0.92%		0.66% 0.10%	0.10%		
43:K 44:G	0.32% 0.56%	0.00% 0.12%	0.07% 0.31%	8.28% 0.94%	0.00% 0.00%	0.34% 93.42%	0.06% 0.01%	0.06% 0.02%	74.35% 0.04%	0.20% 0.03%	1.03% 0.02%	0.81% 0.02%	0.22% 0.01%	6.92% 0.01%	4.47% 3.08%	0.15% 0.51%	2.51% 0.04%	0.16% 0.46%	0.03% 0.39%	0.01%
46:E	0.10% 5.50% 0.07%		0.00% 14.32% 0.02%				0.40%	0.09%			0.25%	0.00% 0.94% 0.02%			0.45%	0.15% 0.17% 1.98%	0.07% 0.57% 0.07%		0.03% 0.03% 76.59%	
	2.39%	0.07% 0.72%		0.14% 0.10%	2.90% 0.01%	1.17% 92.04%	0.14% 0.04%	23.94% 0.03%	0.06% 0.01%	13.16% 0.02%	0.51%	0.30%	1.01% 0.02%	0.02% 0.00%	0.18% 0.83%	0.69% 1.36%	2.23% 0.06%	50.38%	0.00% 0.03%	0.03%
50:R 51:I	0.07% 1.44%	0.38%	0.10% 0.44%	0.02% 0.09%	0.13% 10.56%	0.21% 0.54%	19.93% 0.32%	0.09% 42.48%	0.02% 0.28%	8.13% 13.77%	0.00% 3.58%	0.20% 1.56%	20.86% 1.74%	1.79% 0.06%	46.76% 0.97%	0.54% 3.95%	0.23% 7.11%	0.07% 10.58%	0.03% 0.03%	0.15% 0.14%
53:S	0.93% 0.61% 0.51%	0.05% 3.28% 0.04%	1.78% 1.36% 1.00%	11.56% 0.26% 6.31%	0.53%	1.22% 10.24% 1.18%	1.19%	4.24%	44.01% 2.30% 49.33%	0.52%	0.20%	7.99% 9.62% 8.36%	0.42%	0.16%	12.87% 34.63% 14.61%	22.94%		0.81%	0.03% 0.27% 0.01%	
55:T	3.96%	0.94%	0.70%	0.07%	1.11%	1.34%	0.85%	11.66%	0.26%	1.71%	0.25%	4.39% 7.40%	3.33%	0.07%	1.18%	14.42%	51.12%	2.35%	0.02%	0.28%
58:G	5.01% 2.19%	2.28%	0.24%	8.53%	0.00%	80.84%	0.01%	0.01%	0.27%	0.18%	0.09%		0.06%		3.49%	0.07%	0.92%	2.01%	0.06% 1.59%	0.01%
	3.39% 10.00%		0.02% 0.34% 84.26%	0.18% 4.52% 7.20%	0.04%	1.17%		6.21%	1.37% 3.11% 0.23%		0.15% 0.81% 0.01%	0.35%	11.19%				84.36% 48.48% 0.09%	1.44%	0.00% 0.01% 0.00%	
62:Y	0.15% 38.17%	12.17%		0.13% 0.45%	7.00%		7.70%	0.19%	0.26%	1.60%	0.01%	3.82% 0.78%	0.50%	0.30%		8.20%	0.35% 22.60%	0.13%		
65:P	1.65%	0.14%	0.14%	10.57% 0.01%	0.20%	2.93%	2.75%	0.20%		4.67%	0.00%	0.08%	81.47%	0.05%	2.17%	3.61%	11.62% 2.14%	0.36%	0.01%	0.12%
67:K	4.29% 0.54% 2.06%		0.19% 0.30% 5.09%	3.11% 5.48% 0.23%	0.01%	3.09% 0.64% 85.15%	0.65%	1.70%	0.38% 65.32% 0.02%	0.17%	0.23%	4.39%			9.17%	0.17% 0.97% 0.79%	7.23% 0.11%		0.05% 0.01% 0.01%	
69:R	0.55%		0.08%	0.60%	0.02%	5.67%	0.05%	1.24%	2.91%	0.12%	0.14%	0.74% 0.13%	0.22%		80.83%		3.55%	0.26%	0.06% 0.11%	0.02%
72:I	7.21% 0.68%	0.13%	0.17%	0.03%		0.25%		58.22%		7.28%	5.51%	1.82%	0.47%	0.03%	0.55%	2.08%	-	10.89%	0.00%	0.06%
74:R	2.19% 0.21% 2.22%	0.13%	0.01% 0.05% 56.94%	0.37%	0.01%	4.60%		0.89%	2.21%	0.20%	0.08%	0.00% 0.42% 10.25%	0.34%	0.04% 0.31% 0.69%	0.08% 83.24% 0.68%	86.74% 4.57% 2.15%	1.12% 1.91% 1.22%	0.10%	0.07% 0.27% 0.01%	0.04% 0.02% 1.85%
	3.50% 2.30%	0.53%	57.36% 0.04%	4.08%		6.16%	8.25%		0.40%		0.02%	8.51% 0.01%	0.52%	0.29%	0.62% 0.17%	1.84% 67.88%	1.24%	1.67% 0.47%	0.01% 0.19%	3.27%
79:N	0.93% 0.59% 6.72%	0.05% 0.72% 0.04%	2.00% 8.50% 0.05%	12.40% 1.24% 0.29%	0.63%	1.21%	1.39%5.34%0.02%	5.01%	38.88% 7.76% 1.88%	0.47%	0.29%	9.00% 48.41% 0.31%	0.29%	0.66%	11.64% 3.34% 3.49%	1.26% 6.10%	7.00% 4.88%	011 = 70	0.03% 0.02% 0.10%	0.43% 3.83% 0.01%
81:L	0.41%	0.04% 0.06% 19.76%	0.05% 0.06% 4.22%	0.23%	1.77%	0.21%			0.34%	76.76%	2.32%		4.01%		1.74%	0.64% 11.93%	0.51%	7.40%	0.19%	0.01% 0.01% 32.89%
84:Q	0.70% 0.29%	0.04% 0.04%		0.35% 5.30%		0.45%			16.88%		0.11%	5.26%			7.44%		1.53%	0.17%	0.25% 0.04%	
86:N	0.72% 0.41% 0.25%				0.16%		3.79%	4.59%			0.42%	0.13% 56.40% 2.57%	0.24%	0.46%		6.35%	5.36%	0.50%	0.15% 0.01% 0.17%	
88:L	0.25% 0.07% 0.51%		0.40% 0.00% 0.79%	0.06% 4.85%	0.08% 0.02%	0.04%	0.09% 0.61%	0.11%		87.98%	0.66%	0.00% 8.82%	4.43% 0.29%	2.36%	2.17% 13.90%	0.10% 1.07%	0.07% 7.94%	1.69%	0.04% 0.01%	0.00% 0.09%
91:E	7.50% 3.60%		9.66%	69.53%		6.09%		0.05%	0.63% 2.81%	0.17%	0.19%	0.33%	0.27%	0.03% 3.94%	0.59%	0.13%	53.57% 0.77%	1.33%	0.01%	
93:T	3.39% 3.39% 48.75%	0.01%	76.02% 0.03% 9.89%	7.89% 0.32% 0.39%	0.02%		0.01%	0.14% 3.87% 1.00%	1.78%	0.05% 0.44% 1.16%	0.01% 0.40% 0.02%	0.23%	0.05% 2.62% 1.31%	0.12% 0.07% 0.01%	0.17% 6.69% 0.10%	0.24% 3.12% 0.84%		0.23%	0.00%	
95:V 96:Y	4.67% 0.38%	0.02% 10.74%	1.09% 4.46%	3.76% 0.26%	0.97% 11.82%	2.58% 0.38%	0.07% 8.47%	4.44% 0.52%	0.34%	10.89% 1.61%	3.96% 0.01%	0.09% 5.85%	0.67% 0.88%	0.27% 0.55%	0.45% 0.83%	0.32% 13.53%	1.07% 0.64%	64.30% 0.35%	0.02% 0.31%	0.01% 38.12%
98:C		10.80% 57.60% 0.52%		0.16% 0.06% 0.11%	8.10% 5.98% 1.46%		1.14%		0.03%	1.87% 1.19% 1.29%		0.49%	0.64% 0.80% 4.84%	0.73% 0.07% 0.02%	0.96%2.78%2.12%		0.30% 0.29% 49.93%	0.11%	0.46% 6.43% 0.03%	
100:T	5.79%	0.01%	0.04%	0.51%	0.02% 0.22%	0.22%	0.01%	3.68%		0.50%	0.33%	0.18%	5.80%		6.42%		49.93% 68.64% 0.62%	0.31%	0.00%	0.00%
102:E 103:G	3.44% 4.34%	0.00% 0.01%	1.90% 0.46%	78.02% 18.04%	0.00%	6.62% 69.26%	0.08% 0.01%	0.01% 0.02%	3.60% 0.40%	0.21% 0.23%	0.17% 0.28%	0.09% 0.01%	0.23% 0.06%	2.94% 0.13%	0.38% 1.89%	0.09% 0.07%	0.43% 0.19%	1.73% 4.16%	0.03% 0.43%	0.03%
	7.53% 0.81% 3.43%	0.06% 0.00% 0.03%	0.11% 0.00% 0.81%	0.03% 0.06% 4.80%		0.02%	0.12%	0.03%	0.40% 0.02% 0.72%	1.91%	0.00%	2.13% 0.00% 0.15%	91.55%		0.56% 1.18% 1.51%	3.81% 2.15% 1.22%	77.46% 1.25% 2.06%	0.03%		
107:L	0.38% 0.73%	0.30% 0.53%	0.81% 0.02% 0.18%		10.69% 0.13%	0.15%	0.03% 2.57%	1.84%		22.53% 66.50% 3.62%	0.38%	0.01%	1.06%	0.31%	0.38%	13.05%		3.97%	0.02% 0.23% 0.60%	0.02% 0.07% 0.13%
110:L	0.25%	1.87% 0.11%	0.12%	0.01% 0.08%	62.51% 1.74%	0.19% 0.16%	0.23% 0.00%	3.65% 0.11%	0.01% 0.04%	18.16% 83.34%	0.09% 0.87%	0.12%	1.22% 0.39%	0.01% 0.10%	0.31% 0.40%	6.17% 5.42%	0.55% 0.12%	3.76% 3.23%	0.09% 3.64%	0.01%
	5.56% 0.05% 8.70%	1.24%	14.27% 0.00% 16.77%	60.48% 0.07% 1.03%	0.04%	7.92% 4.47% 65.41%	0.00%	0.00%		1.57%	0.04%	0.00%	0.06%	1.77% 0.03% 0.02%	0.46% 9.69% 0.66%	0.17% 1.52% 0.54%	0.58% 0.03% 0.24%		0.03% 81.04% 0.02%	
114:Y	0.18%	11.81%	2.61%	0.13%	7.65%	0.35%	9.48%	0.20%	0.42%	2.30%	0.01%		0.67%	0.35%	0.87%	8.64%	0.35%	0.12%	0.39%	49.34%
116:Y 117:Y	0.22% 0.22%	11.65% 11.68%	3.33% 3.30%	0.16% 0.15%	7.88% 7.91%	0.63% 0.62%	8.51% 8.43%	0.19% 0.21%	0.40%	2.06% 2.08%	0.01%	3.88% 3.89%	0.58% 0.58%	0.30% 0.31%	0.84% 0.85%	8.56% 8.52%	0.35% 0.35%	0.17% 0.16%	0.39% 0.38%	49.91% 49.94%
119:M	0.64%	0.03%	0.02%	0.34%	0.27%	0.69%	0.01%	9.34%	1.60%	11.89%	47.64%	3.88% 0.14% 1.91%	0.35%	0.12%	12.50%	1.26%	4.75%	8.10%	0.30%	0.00%
121:V 122:W	5.32% 0.02%	0.04% 2.40%	1.73% 0.01%	0.08% 0.04%	1.34% 0.07%	2.39% 3.29%	0.05% 0.01%	3.86% 0.00%	0.03%	4.20% 0.81%	0.38% 0.01%	0.07% 0.01%	0.24% 0.04%	0.01% 0.03%	0.08% 7.57%	0.17% 0.98%	0.36% 0.01%	79.64% 0.01%	0.00% 84.58%	0.02% 0.11%
124:K	0.61%	0.03%	0.31%	5.05%	0.03%	0.71%	0.60%	3.85%	53.11%	0.39%	0.71%	0.46% 4.01%	0.38%	2.52%	12.70%	1.23%	13.37%	0.30%	0.02%	0.08%
126:T	7.25%	0.05%	0.16%	0.02%	0.12%	0.15%	0.09%	5.70%	0.30%	0.22%	0.14%	0.01% 3.15% 0.10%	3.86%	0.01%	0.96%	3.93%	73.41%	0.44%	0.00%	0.03%
128:V 129:T	5.26% 6.76%	0.02% 0.14%	1.61% 0.25%	0.17% 0.01%	0.64% 0.21%	1.60% 0.35%	0.02% 0.09%	2.20% 3.63%	0.01% 0.13%	2.34% 0.31%	0.11% 0.07%	0.04% 1.36%	0.20% 5.14%	0.00% 0.00%	0.06% 0.43%	0.14% 6.93%	0.35% 73.34%	85.21% 0.78%	0.00% 0.00%	0.01%
130:V 131:S	5.63% 3.07%	0.02% 1.90%	1.70% 0.09%	0.14%	0.85% 2.10%	2.46% 0.10%	0.05% 0.22%	1.90% 0.08%	0.01% 0.01%	3.34% 0.77%	0.18%	0.05% 0.10%	0.17% 8.26%	0.01% 0.00%	0.06% 0.18%	0.10% 80.14%	0.18% 1.36%	83.16% 0.17%	0.00% 0.18%	0.01%
132:S	1.61%	U.47%	0.02%	0.06%	U.82%	0.09%	U.06%	0.11%	0.04%	b.26%	0.01%	0.02%	5.20%	0.20%	U.28%	8 <mark>2.88%</mark>	1.08%	U.11%	0.23%	U.44%