	A	C	D	E	F	G	H		<b>K</b>	L	M	N	P	Q	R	S	T	V	W	Y
<u> </u>			0.58% 0.29%			0.63% 3.90%												0.63% 62.18%		
3:Q 4:L						0.23%														
						3.94% 0.36%												62.48% 0.57%		
7:S	2.26%	2.71%	0.05%	0.01%	2.64%	0.09% 89.82%	0.08%	0.10%	0.01%	0.47%	0.00%	0.05%	5.32%	0.00%	0.15%	82.88%	2.17%	0.12%	0.11%	0.76%
9:A	58.63%	0.09%	0.55%	0.06%	0.11%	1.45%	0.10%	0.60%	0.01%	0.33%	0.01%	0.19%	10.45%	0.01%	0.17%	4.71%	20.97%	1.52%	0.00%	0.03%
						7.36% 5.44%												1.91% 59.70%		
						0.97% 1.28%														
14:P	4.73%	0.41%	0.06%	0.02%	0.41%	0.13% 91.38%	0.54%	0.20%	0.04%	1.61%	0.02%	0.16%	71.15%	0.08%	1.22%	12.60%	6.23%	0.29%	0.04%	0.08%
16:A	90.06%	0.01%	1.29%	0.06%	0.01%	1.11%	0.02%	0.09%	0.01%	0.03%	0.01%	0.07%	1.60%	0.00%	0.01%	0.95%	3.01%	1.65%	0.00%	0.01%
-						0.05% 3.30%														
			0.65%			0.56% 5.55%														
			0.66%		_	0.37% 2.95%												0.64%		
23:K	1.84%	0.01%	0.16%	6.88%	0.01%	1.09%	0.07%	0.24%	40.62%	0.75%	5.76%	0.79%	1.46%	3.82%	15.57%	1.07%	18.84%	0.65%	0.34%	0.02%
	1.71%	12.29%	0.29%	0.04%	10.90%	1.26% 0.70%	0.51%	0.54%	0.02%	2.25%	0.02%	0.24%	5.54%	0.05%	1.25%	58.08%	1.86%	0.71%	0.37%	2.63%
						68.45% 1.27%														
		0.25% 3.05%	_			0.42%		5.28% 0.91%		0.44% 40.86%		1.70% 0.05%	7.39%	0.01% 0.08%		9.64% 5.85%		1.03% 2.04%		
30:N	0.96%	0.65% 3.08%	6.97%		0.37%				8.77%	0.58% 0.39%	0.36%		0.69%	0.75%	6.56%		9.76%	0.63%	0.04%	2.10% 0.80%
32:Y	0.31%	12.16%	4.35%	0.22%	8.14%	0.54%	10.64%	0.34%	0.63%	2.71%	0.03%	5.23%	0.92%	0.48%	1.21%	9.27%	0.49%	0.25%	0.54%	<mark>41.56%</mark>
	0.40% 1.50%	12.31% 0.11%	3.00% 0.09%		13.67% 3.53%	0.43% 0.76%		0.39% 17.21%	0.27% 1.62%	2.99% 27.34%		3.20% 0.22%	1.25% 1.92%		0.93% 2.77%	16.07% 1.82%				35.39% 0.02%
35:H 36:W	0.65% 0.04%	0.61% 4.66%	2.96% 0.02%	0.28% 0.07%				0.58% 0.01%	1.83% 0.02%	6.49% 1.00%	0.09% 0.01%	7.05% 0.01%	8.80% 0.08%	7.47% 0.04%	7.44% 6.41%	1.95% 1.33%	1.15% 0.02%	0.63% 0.03%	0.10% 81.26%	2.63% 0.26%
	5.15% 0.05%	0.01%	0.26%	3.72% 0.09%	0.16%	3.93%	0.02%	1.55%	0.72%	8.87% 0.58%		0.06%	0.71% 1.91%	0.36%	0.57%	0.41%	1.09% 0.07%	66.38%		0.00% 0.02%
39:Q	0.07%	0.00%		1.29%	0.00%	0.12%	1.01% 0.01%	0.00%	1.02%	1.73% 0.02%	0.03%	0.05%	2.82%	85.82% 0.00%	5.73%	0.09%	0.06%	0.04%	0.07%	0.01%
41:P	0.81%	0.07%	0.03%	0.01%	0.06%	0.07%	0.90%	0.07%	0.00%	2.46%	0.00%	0.03%	89.50%	0.22%	1.76%	2.44%	1.43%	0.09%	0.00%	0.03%
43:Q	1.04% 0.11%	0.07%	0.34% 0.47%	2.62% 1.35%	0.06%		24.64%	0.14%	0.15% 0.90%	4.28%	0.01% 0.01%	1.18%		53.51%		0.36% 0.35%	0.16% 0.21%	0.41% 0.18%	0.01%	0.00% 0.39%
	0.82%	0.19%		2.61% 0.01%	0.01% 2.35%	90.38% 0.05%		0.03%		0.06% 76.75%			0.04% 12.73%		3.17% 1.55%	0.51% 0.37%	0.08%	0.76% 2.62%	0.44%	0.01%
46:E 47:W	4.29%		16.44%		0.03%	7.63%	0.46% 0.09%	0.08% 0.04%	4.26%	0.40% 2.10%	0.27%		0.36% 0.23%	3.75% 0.13%	0.63%	0.22%	0.68%	2.17%	0.05% 69.27%	0.11%
48:M	1.56%	0.00%	0.02%	0.95%	0.07%	0.70%	0.01%	2.62%	4.99%	12.55%	46.72%	0.07%	0.65%	0.40%	5.25%	0.37%	7.71%	15.26%		0.00%
50:I	3.59% 0.94%	0.04% 0.04%	2.25% 0.19%	9.04% 1.11%	1.36%		0.16%		3.61%	21.79%	6.54%	0.21% 1.01%	1.44%	0.77%	10.37% 5.78%	1.80%				0.02% 0.03%
51:I 52:N	1.22% 0.48%	0.29% 0.55%	0.48% 5.43%		6.69% 0.28%		0.24% 5.10%		0.39% 14.46%	11.90% 0.47%		1.65% 48.82%	0.69% 0.47%		1.56% 3.39%	2.68% 6.40%		17.89% 0.37%	0.04% 0.04%	0.14% 2.04%
	3.15% 0.97%	0.32% 7.21%		0.03% 0.15%			1.10% 0.81%	0.29% 3.90%	0.01%	3.12% 0.79%	0.02% 0.13%	0.10% 4.82%	79.04% 0.76%	0.15% 0.09%	2.14% 13.03%	5.82% 48.32%		0.41% 0.72%	0.01% 0.34%	0.10%
55:G	6.50%	2.70%	9.07%	1.05%	0.28%	64.91% 44.66%	0.76%	0.45%	0.09%	0.35%	0.01%	0.94%	0.42%	0.07%	3.25%	5.64%	0.73%	2.24% 4.50%	0.12%	0.42%
57:S	1.22%	2.29%	2.40%	0.54%	1.03%	10.34%	1.00%	5.91%	1.82%	1.15%	0.33%	9.34%	0.52%	0.14%	33.41%	19.64%	5.85%	1.74%	0.45%	0.87%
58:T 59:S	5.95% 1.08%	0.02% 2.77%	0.09% 2.89%	1.21% 0.38%	0.06% 0.44%				2.16% 2.16%					0.15% 0.32%				0.72% 0.89%		0.01% 1.24%
			4.30% 0.86%	0.21% 9.55%	7.48% 0.05%	0.60% 2.70%	10.74% 0.08%	0.36%	0.40%	2.27% 0.79%	0.01%		0.85% 9.71%	0.53% 0.45%		8.95% 6.85%		0.24%		<mark>42.47%</mark> 0.01%
62:Q		0.02%	0.45% 0.75%		0.01%	0.46%		0.02%	2.39%		0.18%	0.12%	3.21%	70.77%	7.08%	0.14%		0.34%	0.16% 0.14%	0.09%
64:F	0.38%	4.04%	0.08%	0.02%	53.86%	0.20%	0.11%	3.79%	0.03%	24.08%	0.24%	0.09%	0.60%	0.02%	0.29%	5.41%	0.38%	5.34%	0.28%	0.76%
66:G	0.20% 6.59%	0.30%		0.59%	0.17%	12.24%	0.20%	0.70%	0.09%		0.04%	0.63%	0.10%	78.51% 0.01%	0.77%	0.77%		56.80%	0.01%	0.12%
-	0.27% 6.06%	0.14% 0.06%	0.06% 2.31%			6.94% 4.23%		1.26% 4.79%	3.12% 0.02%	0.15% 3.45%			0.22% 0.32%	0.19% 0.01%				0.12% 75.40%		0.01% 0.03%
	8.14% 0.84%	0.15% 0.01%	0.19%			0.31%		4.78% 3.27%		0.45%				0.01%				0.82% 7.86%		0.06%
	8.59% 0.08%	0.08% 0.17%	0.28%	0.02%	0.16%	0.19% 5.56%	0.15%		0.40%		0.25%	3.32% 0.22%		0.01% 0.11%				0.64%	0.00% 2.14%	0.05% 0.01%
73:D	3.80%	0.06%	72.47%	8.49%	0.04%	4.43%	1.12%	0.22%	0.75%	0.08%	0.02%	3.16%	0.09%	0.26%	0.32%	0.39%	0.30%	3.60%	0.00%	0.41%
74:T 75:S	3.88%	2.85%		0.01%	1.67%			0.12%	0.01%		0.00%	0.09%	6.29% 7.09%	0.01%		80.01%	2.21%	0.13%	0.10% 0.10%	
76:T 77:S		0.01% 1.22%		0.34%	0.03%	0.32% 5.46%	0.01% 0.65%	0.57% 4.07%	2.00% 3.83%			0.12% 5.95%	6.04% 0.34%					0.87% 2.18%	0.15% 0.12%	0.00% 0.16%
	6.25% 4.87%		0.12%	1.06% 0.43%	_	0.80% 2.63%		5.10% 5.42%		<b>1.06%</b> 8.79%			4.70% 0.50%					0.78% 71.15%		0.02%
80:Y	0.49%		4.98%	0.23%	5.04% 0.37%	0.67%	13.60%	0.37%	0.60%	1.99%	0.02%		1.37%	0.60% 0.15%	2.01%	9.91%	0.96%	0.24% 8.82%	0.19%	
82:E	3.45%	0.03%	18.56%	57.50%	0.02%	8.00%	0.65%	0.17%	4.39%	0.20%	0.19%	1.23%	0.19%	2.19%	0.76%	0.29%	0.54%	1.44%	0.03%	0.16%
	0.97% 0.55%	0.05%	1.32%	0.28%	1.33% 0.14%	4.10%		4.10%	4.09%	65.74% 0.38%	0.49%	0.03% 5.69%	2.15% 0.34%	0.16%	1.39% 43.39%		4.49%		0.15%	0.01%
	0.10%		0.00%		0.15%	8.14% 0.06%	0.16%	0.12%		85.96%			5.15%		2.51%	0.13%	0.09%	1.94%	0.06%	
87:R 88:S						4.49% 1.10%												0.29% 0.66%		0.02% 2.55%
89:E		0.02%		64.92%	0.02%	7.35% 4.91%	0.50%	0.07%	3.79%	0.32%	0.20%	0.50%	0.39%	4.16%	0.64%	0.19%	0.59%	1.91% 3.48%	0.05%	
91:T	8.19%	0.00%		0.35%	0.01%	4.91% 0.23% 1.63%	0.00%	0.15%	1.70%	0.41%	1.95%	0.04%	6.41%	0.10%	1.66%	6.22%	71.62%	0.82% 3.12%	0.12%	
93:V	5.12%	0.03%	1.34%	3.93%	1.16%	2.91%	0.10%	4.99%	0.43%	12.52%	4.16%	0.12%	0.99%	0.37%	0.63%	0.47%	1.43%	59.25%	0.03%	0.02%
95:Y	0.55%	11.37%	4.69% 7.40%	0.19%	8.87%	0.49% 0.81%	11.05%	0.34%	0.62%	2.37%	0.04%		0.82%	1.00%	1.21%	8.11%	0.40%	0.45%		<mark>40.02%</mark>
			0.33% 0.14%			1.81% 1.15%							0.69% 3.22%	0.04% 0.08%				0.09% 4.17%	3.28% 0.08%	6.06% 0.00%
98:R	0.71%	0.10%	0.11%	0.89%	0.01%	11.00% 6.84%	0.07%	1.16%	3.75%	0.15%	0.14%	0.60%	0.37%	0.25%	72.11%	4.81%	3.49%	0.18%		0.01%
100:V	4.78%	0.01%	0.13%	4.09%	0.18%	3.96%	0.01%	0.65%	0.40%	14.34%	5.45%	0.01%	0.55%	0.23%	0.82%	0.42%	0.95%	62.83%	0.20%	0.00%
102:T	4.62% 8.60%	0.05%	0.16%	0.02%	0.13%	65.49% 0.21%	0.08%	4.80%	0.20%	0.22%	0.12%	2.09%	4.59%	0.01%	0.40%	4.34%	73.48%	0.48%	0.00%	0.03%
			3.52% 2.79%		0.53% 1.16%	4.09% 8.63%				1.43%	0.37%		0.63%	0.17%	37.01%	16.96%	5.66%			0.11% 0.92%
	1.12% 2.52%	2.49% 0.67%	2.24% 0.02%			5.09% 0.10%		4.42% 0.04%				13.75% 0.01%		0.13% 0.04%				0.70%	0.33% 2.24%	0.73% 0.16%
107:L	0.55%	0.06%	_	0.37%	1.63%	0.31%	0.36%	1.38%	0.46%	70.27%	2.71%	0.04%	5.75%	3.05% 7.44%	3.11%	0.95%	0.54%	8.16% 0.41%	0.27%	0.01%
109:Y	0.55%	11.93%	5.64%	0.50%	13.50%	0.72%	10.83%	0.40%	0.23%	2.05%	0.01%	4.13%	0.96%	1.32%	1.39%	13.02%	0.53%	0.41%	0.33%	<mark>31.54%</mark>
111:Y	0.27%	12.05%	3.43%	0.07%	8.93%		7.98%	0.25%	0.67%	2.42%	0.03%	3.81%	0.74%	0.77%	1.02%	10.11%	0.48%	0.22%	0.57%	<mark>45.38%</mark>
			0.00% 2.89%			4.06% 91.83%				0.88% 0.01%			0.05% 0.02%	0.02% 0.00%				0.03% 1.25%		0.06% 0.02%
114:Q	0.09%	0.00%	0.03%	1.80%	0.00%	0.10% 69.02%	1.50%	0.00%	1.05%	2.07%	0.07%	0.02%	6.54%	81.29%	5.08%	0.07%	0.23%	0.04%	0.02%	0.01%
116:T	6.38%	0.76%	1.80%	0.15%	1.24%	2.34%	0.59%	11.68%	0.91%	1.48%	1.03%	5.60%	4.12%	0.06%	1.48%	15.09%	40.71%	4.27%	0.02%	0.30%
118:V	6.36%	0.03%	1.87%	0.22%	1.16%	0.15% 1.74%	0.03%	4.43%	0.02%	3.09%	0.21%	0.07%	0.17%	0.01%	0.10%	0.18%	0.29%	79.99%	0.00%	0.01%
						0.46% 2.78%														
121:S	3.49%	2.08%	0.12%	0.01%	2.32%	0.13%	0.28%	0.09%	0.01%	1.01%	0.01%	0.13%	9.44%	0.01%	0.23%	77.20%	1.55%	0.24%	0.23%	1.43%
167.2	1.1170	0.01%	0.00%	0.00%	1.00%0	0.12%	-0.03%0	0.1470	0.00%	1.14%0	-9.01%0	0.03%0	0.93%	0.2170	0.41%0	<mark>1 J.JO%</mark>	1.21%	0.13%	0.00%0	0.00%