

| | A | C | D | E | F | G | H | I | K | L | M | N | P | Q | R | S | T | V | W | Y |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1:Q | 0.72% | 0.04% | 0.67% | 5.91% | 0.04% | 0.72% | 4.99% | 0.13% | 6.01% | 6.97% | 0.59% | 0.60% | 6.60% | 56.25% | 7.27% | 0.46% | 0.72% | 0.70% | 0.33% | 0.28% |
| 2:V | 5.94% | 0.04% | 0.34% | 4.46% | 0.55% | 4.13% | 0.02% | 3.73% | 0.86% | 9.69% | 6.85% | 0.08% | 0.44% | 0.21% | 0.81% | 0.44% | 1.35% | 59.98% | 0.08% | 0.01% |
| 3:Q | 0.18% | 0.13% | 0.49% | 1.85% | 0.09% | 0.28% | 12.69% | 0.21% | 6.79% | 4.18% | 0.19% | 1.63% | 3.29% | 59.48% | 6.52% | 0.44% | 0.57% | 0.23% | 0.50% | 0.28% |
| 4:L | 1.36% | 0.04% | 0.05% | 0.79% | 1.05% | 0.68% | 0.07% | 1.31% | 0.73% | 62.57% | 6.65% | 0.05% | 2.95% | 1.02% | 2.09% | 1.83% | 0.98% | 15.32% | 0.47% | 0.01% |
| 5:V | 5.72% | 0.04% | 0.34% | 4.37% | 0.44% | 4.13% | 0.03% | 3.35% | 0.85% | 9.94% | 6.69% | 0.08% | 0.59% | 0.28% | 0.82% | 0.42% | 1.49% | 60.36% | 0.07% | 0.01% |
| 6:Q | 0.40% | 0.07% | 0.24% | 1.27% | 0.07% | 0.41% | 7.81% | 0.09% | 4.51% | 11.03% | 0.42% | 0.81% | 7.13% | 54.07% | 8.09% | 0.82% | 0.65% | 0.64% | 1.31% | 0.17% |
| 7:S | 2.43% | 2.88% | 0.06% | 0.01% | 2.88% | 0.11% | 0.09% | 0.12% | 0.01% | 0.54% | 0.00% | 0.06% | 5.62% | 0.01% | 0.18% | 81.57% | 2.36% | 0.14% | 0.12% | 0.81% |
| 8:G | 0.87% | 0.02% | 0.14% | 3.80% | 0.00% | 89.01% | 0.01% | 0.00% | 0.15% | 0.10% | 0.06% | 0.01% | 0.04% | 0.11% | 3.49% | 0.07% | 0.10% | 0.96% | 1.06% | 0.00% |
| 9:A | 56.41% | 0.09% | 0.57% | 0.07% | 0.12% | 1.51% | 0.12% | 0.67% | 0.02% | 0.39% | 0.02% | 0.21% | 11.09% | 0.01% | 0.19% | 4.99% | 21.87% | 1.61% | 0.00% | 0.04% |
| 10:E | 3.97% | 0.02% | 8.70% | 64.93% | 0.02% | 7.86% | 0.52% | 0.08% | 3.85% | 0.39% | 0.22% | 0.56% | 0.46% | 4.57% | 0.72% | 0.22% | 0.67% | 2.03% | 0.06% | 0.15% |
| 11:V | 6.83% | 0.01% | 0.40% | 5.66% | 0.17% | 5.60% | 0.01% | 1.70% | 0.54% | 9.90% | 8.83% | 0.03% | 0.31% | 0.13% | 0.62% | 0.42% | 1.00% | 57.65% | 0.17% | 0.00% |
| 12:K | 0.61% | 0.02% | 0.49% | 5.93% | 0.02% | 1.10% | 0.22% | 1.04% | 52.81% | 0.58% | 6.62% | 2.65% | 0.30% | 4.30% | 14.91% | 0.66% | 6.88% | 0.58% | 0.28% | 0.03% |
| 13:K | 0.56% | 0.01% | 0.34% | 6.28% | 0.01% | 1.43% | 0.10% | 0.58% | 57.11% | 0.52% | 6.02% | 1.38% | 0.24% | 3.45% | 14.71% | 0.48% | 5.88% | 0.57% | 0.31% | 0.01% |
| 14:P | 4.96% | 0.45% | 0.07% | 0.02% | 0.44% | 0.14% | 0.57% | 0.22% | 0.04% | 1.68% | 0.02% | 0.18% | 69.28% | 0.09% | 1.31% | 13.38% | 6.68% | 0.32% | 0.05% | 0.10% |
| 15:G | 0.59% | 0.02% | 0.11% | 2.76% | 0.00% | 90.76% | 0.00% | 0.00% | 0.11% | 0.08% | 0.04% | 0.00% | 0.03% | 0.08% | 3.52% | 0.06% | 0.07% | 0.69% | 1.05% | 0.00% |
| 16:A | 89.31% | 0.01% | 1.38% | 0.07% | 0.02% | 1.14% | 0.03% | 0.10% | 0.02% | 0.03% | 0.01% | 0.08% | 1.76% | 0.00% | 0.02% | 1.05% | 3.23% | 1.75% | 0.00% | 0.01% |
| 17:S | 1.84% | 0.24% | 0.02% | 0.13% | 0.32% | 0.06% | 0.01% | 0.06% | 0.02% | 2.77% | 0.01% | 0.01% | 7.35% | 0.06% | 0.14% | 85.20% | 1.46% | 0.08% | 0.13% | 0.09% |
| 18:V | 3.64% | 0.00% | 0.27% | 3.80% | 0.14% | 3.50% | 0.01% | 1.29% | 0.27% | 11.84% | 6.40% | 0.02% | 0.39% | 0.21% | 0.43% | 0.21% | 0.54% | 66.96% | 0.07% | 0.00% |
| 19:K | 0.36% | 0.02% | 0.69% | 6.72% | 0.01% | 0.56% | 0.42% | 0.57% | 67.70% | 0.19% | 1.10% | 6.11% | 0.19% | 4.80% | 5.36% | 1.07% | 3.81% | 0.16% | 0.09% | 0.07% |
| 20:V | 10.30% | 0.04% | 4.15% | 0.28% | 0.40% | 4.92% | 0.04% | 1.44% | 0.04% | 1.24% | 0.22% | 0.13% | 0.15% | 0.01% | 0.06% | 0.19% | 0.38% | 76.01% | 0.00% | 0.02% |
| 21:S | 3.62% | 2.25% | 0.14% | 0.00% | 2.43% | 0.14% | 0.31% | 0.11% | 0.02% | 1.11% | 0.01% | 0.13% | 9.88% | 0.02% | 0.26% | 76.03% | 1.63% | 0.26% | 0.15% | 1.53% |
| 22:C | 0.32% | 58.33% | 0.92% | 0.05% | 3.46% | 3.05% | 1.79% | 0.09% | 0.09% | 1.42% | 0.01% | 0.79% | 0.70% | 0.08% | 2.85% | 9.39% | 0.19% | 0.15% | 5.18% | 11.11% |
| 23:K | 1.83% | 0.01% | 0.21% | 7.25% | 0.01% | 1.26% | 0.11% | 0.26% | 43.80% | 0.78% | 5.04% | 1.00% | 1.46% | 4.21% | 14.39% | 1.11% | 16.19% | 0.69% | 0.36% | 0.03% |
| 24:A | 46.63% | 0.15% | 1.23% | 0.10% | 0.16% | 1.71% | 0.15% | 0.83% | 0.04% | 0.34% | 0.03% | 0.46% | 11.79% | 0.01% | 0.17% | 7.30% | 27.27% | 1.56% | 0.00% | 0.07% |
| 25:S | 2.80% | 12.47% | 0.27% | 0.02% | 10.27% | 0.33% | 0.41% | 0.26% | 0.02% | 2.15% | 0.01% | 0.22% | 4.39% | 0.03% | 0.37% | 61.13% | 1.11% | 0.52% | 0.52% | 2.69% |
| 26:G | 5.53% | 0.05% | 3.09% | 11.60% | 0.04% | 66.91% | 0.13% | 0.35% | 0.72% | 0.44% | 0.03% | 0.18% | 0.54% | 0.38% | 6.25% | 0.50% | 1.01% | 2.15% | 0.04% | 0.04% |
| 27:Y | 0.57% | 9.58% | 10.09% | 0.83% | 7.46% | 1.44% | 13.53% | 0.85% | 1.10% | 2.33% | 0.05% | 9.63% | 0.96% | 0.77% | 1.93% | 8.75% | 0.80% | 0.53% | 0.28% | 28.53% |
| 28:T | 10.90% | 0.27% | 0.36% | 0.04% | 0.47% | 0.47% | 0.16% | 5.48% | 0.34% | 0.51% | 0.62% | 1.75% | 7.80% | 0.01% | 0.78% | 10.09% | 58.61% | 1.15% | 0.02% | 0.17% |
| 29:F | 0.18% | 4.26% | 0.08% | 0.01% | 62.91% | 0.15% | 0.23% | 0.87% | 0.01% | 21.71% | 0.08% | 0.07% | 0.87% | 0.03% | 0.31% | 4.63% | 0.08% | 2.22% | 0.20% | 1.09% |
| 30:T | 8.08% | 0.23% | 0.43% | 0.02% | 0.35% | 0.55% | 0.16% | 4.46% | 0.21% | 0.50% | 0.11% | 1.66% | 6.02% | 0.01% | 0.61% | 8.38% | 66.92% | 1.18% | 0.01% | 0.11% |
| 31:G | 11.60% | 0.46% | 21.02% | 1.47% | 0.07% | 55.44% | 0.54% | 0.17% | 0.08% | 0.24% | 0.02% | 0.49% | 0.23% | 0.05% | 1.09% | 1.11% | 0.46% | 5.28% | 0.02% | 0.15% |
| 32:Y | 0.30% | 12.53% | 3.22% | 0.17% | 8.62% | 0.53% | 10.58% | 0.31% | 0.58% | 3.10% | 0.03% | 4.45% | 1.02% | 0.51% | 1.27% | 10.37% | 0.52% | 0.21% | 0.61% | 41.08% |
| 33:Y | 0.47% | 12.58% | 3.06% | 0.38% | 13.93% | 0.47% | 7.59% | 0.42% | 0.30% | 3.27% | 0.02% | 3.25% | 1.42% | 0.57% | 1.06% | 16.68% | 0.68% | 0.30% | 0.62% | 32.92% |
| 34:M | 1.67% | 0.14% | 0.10% | 0.74% | 3.80% | 0.85% | 0.07% | 16.65% | 1.68% | 27.75% | 17.28% | 0.25% | 2.16% | 0.41% | 2.91% | 2.08% | 6.41% | 14.54% | 0.49% | 0.03% |
| 35:H | 0.74% | 0.71% | 3.07% | 0.32% | 0.89% | 0.34% | 46.07% | 0.62% | 1.97% | 6.67% | 0.10% | 7.07% | 9.02% | 7.69% | 7.77% | 2.11% | 1.31% | 0.70% | 0.12% | 2.72% |
| 36:W | 0.05% | 4.98% | 0.03% | 0.08% | 0.17% | 4.86% | 0.04% | 0.01% | 0.03% | 1.07% | 0.02% | 0.02% | 0.09% | 0.04% | 6.87% | 1.45% | 0.03% | 0.04% | 79.85% | 0.30% |
| 37:V | 5.34% | 0.01% | 0.29% | 3.94% | 0.19% | 4.16% | 0.03% | 1.70% | 0.80% | 9.33% | 6.10% | 0.07% | 0.79% | 0.42% | 0.67% | 0.48% | 1.23% | 64.42% | 0.05% | 0.00% |
| 38:R | 0.06% | 0.61% | 0.02% | 0.10% | 0.02% | 1.51% | 0.47% | 0.02% | 0.29% | 0.63% | 0.01% | 0.06% | 2.05% | 1.28% | 90.71% | 0.38% | 0.09% | 0.03% | 1.67% | 0.01% |
| 39:Q | 0.09% | 0.00% | 0.03% | 1.35% | 0.00% | 0.15% | 1.11% | 0.00% | 1.11% | 1.86% | 0.03% | 0.05% | 3.05% | 84.70% | 6.14% | 0.10% | 0.07% | 0.05% | 0.09% | 0.01% |
| 40:A | 88.45% | 0.03% | 0.64% | 0.25% | 0.03% | 2.07% | 0.01% | 0.11% | 0.02% | 0.03% | 0.01% | 0.07% | 1.27% | 0.00% | 0.03% | 1.20% | 3.67% | 2.10% | 0.00% | 0.01% |
| 41:P | 0.87% | 0.08% | 0.04% | 0.01% | 0.07% | 0.07% | 0.97% | 0.08% | 0.00% | 2.60% | 0.00% | 0.04% | 88.74% | 0.26% | 1.89% | 2.60% | 1.56% | 0.10% | 0.00% | 0.03% |
| 42:G | 1.12% | 0.07% | 0.37% | 2.79% | 0.00% | 85.76% | 0.02% | 0.07% | 0.17% | 0.07% | 0.01% | 0.03% | 0.10% | 0.09% | 8.26% | 0.41% | 0.18% | 0.43% | 0.03% | 0.01% |
| 43:Q | 0.13% | 0.08% | 0.54% | 1.44% | 0.07% | 0.18% | 25.03% | 0.17% | 0.95% | 4.54% | 0.01% | 1.28% | 4.68% | 51.49% | 8.11% | 0.41% | 0.24% | 0.20% | 0.01% | 0.44% |
| 44:G | 0.89% | 0.21% | 0.81% | 2.79% | 0.01% | 89.52% | 0.02% | 0.03% | 0.08% | 0.08% | 0.04% | 0.03% | 0.04% | 0.05% | 3.45% | 0.57% | 0.09% | 0.83% | 0.46% | 0.01% |
| 45:L | 0.19% | 0.10% | 0.05% | 0.02% | 2.46% | 0.06% | 1.20% | 1.70% | 0.01% | 75.18% | 0.05% | 0.06% | 13.56% | 0.19% | 1.66% | 0.43% | 0.29% | 2.76% | 0.00% | 0.04% |
| 46:E | 4.43% | 0.02% | 17.06% | 55.76% | 0.03% | 8.02% | 0.52% | 0.10% | 4.31% | 0.44% | 0.30% | 0.54% | 0.43% | 3.85% | 0.69% | 0.24% | 0.75% | 2.30% | 0.05% | 0.14% |
| 47:W | 0.23% | 8.00% | 0.12% | 0.47% | 0.42% | 4.64% | 0.11% | 0.05% | 0.43% | 2.18% | 0.16% | 0.07% | 0.26% | 0.14% | 10.06% | 3.94% | 0.24% | 0.29% | 67.52% | 0.67% |
| 48:M | 1.78% | 0.00% | 0.03% | 1.04% | 0.09% | 0.80% | 0.01% | 3.70% | 5.17% | 13.10% | 43.34% | 0.09% | 0.77% | 0.45% | 5.53% | 0.47% | 8.06% | 15.45% | 0.11% | 0.00% |
| 49:G | 9.17% | 0.08% | 4.16% | 17.83% | 0.04% | 50.09% | 0.14% | 0.76% | 1.64% | 0.68% | 0.11% | 0.36% | 0.79% | 0.47% | 7.87% | 1.03% | 1.86% | 2.81% | 0.07% | 0.04% |
| 50:W | 0.18% | 6.28% | 0.15% | 0.39% | 0.57% | 6.71% | 0.38% | 0.06% | 0.23% | 3.74% | 0.12% | 0.15% | 0.59% | 0.47% | 14.47% | 4.39% | 0.16% | 0.29% | 59.62% | 1.04% |
| 51:I | 0.68% | 0.08% | 0.18% | 0.05% | 1.85% | 0.28% | 0.06% | 67.73% | 0.47% | 5.72% | 3.10% | 1.17% | 0.34% | 0.02% | 1.55% | 2.63% | 5.18% | 8.89% | 0.02% | 0.02% |
| 52:N | 0.54% | 0.61% | 5.58% | 1.12% | 0.31% | 0.95% | 5.30% | 3.06% | 14.64% | 0.54% | 0.48% | 46.43% | 0.53% | 0.83% | 3.78% | 6.65% | 6.10% | 0.42% | 0.04% | 2.09% |
| 53:P | 3.24% | 0.38% | 0.12% | 0.04% | 0.47% | 0.19% | 1.16% | 0.34% | 0.02% | 3.51% | 0.02% | 0.13% | 77.42% | 0.20% | 2.39% | 6.08% | 3.71% | 0.47% | 0.02% | 0.12% |
| 54:N | 1.08% | 0.71% | 13.84% | 1.80% | 0.84% | 1.66% | 6.26% | 4.35% | 7.86% | 1.00% | 0.42% | 40.04% | 0.46% | 1.10% | 4.73% | 6.10% | 4.27% | 0.95% | 0.05% | 2.47% |
| 55:S | 0.67% | 5.67% | 0.85% | 0.10% | 0.44% | 7.22% | 0.90% | 3.06% | 0.82% | 0.36% | 0.11% | 6.01% | 0.57% | 0.10% | 11.73% | 52.57% | 7.70% | 0.38% | 0.24% | 0.50% |
| 56:G | 6.52% | 2.81% | 9.00% | 1.07% | 0.30% | 63.92% | 0.82% | 0.49% | 0.09% | 0.39% | 0.01% | 1.01% | 0.48% | 0.09% | 3.49% | 5.87% | 0.75% | 2.28% | 0.14% | 0.44% |
| 57:G | 7.32% | 0.80% | 13.42% | 2.60% | 0.14% | 64.32% | 0.36% | 0.22% | 0.10% | 0.22% | 0.01% | 0.34% | 0.20% | 0.06% | 3.38% | 0.96% | 0.37% | 4.79% | 0.05% | 0.32% |
| 58:T | 5.92% | 0.02% | 0.10% | 1.10% | 0.05% | 0.68% | 0.03% | 4.25% | 2.05% | 0.85% | 0.58% | 0.37% | 4.77% | 0.15% | 6.70% | 5.14% | 66.58% | 0.65% | 0.01% | 0.01% |
| 59:N | 0.60% | 1.10% | 11.16% | 1.93% | 0.85% | 0.91% | 9.66% | 3.75% | 9.09% | 0.92% | 0.61% | 36.54% | 0.70% | 1.42% | 2.79% | 5.89% | 5.25% | 0.68% | 0.07% | 6.09% |
| 60:Y | 0.40% | 12.66% | 3.31% | 0.44% | 13.51% | 0.50% | 7.25% | 0.42% | 0.33% | 2.55% | 0.02% | 3.41% | 1.25% | 0.59% | 1.10% | 15.72% | 0.68% | 0.29% | 0.43% | 35.16% |
| 61:A | 38.82% | 0.04% | 1.01% | 9.53% | 0.12% | 2.97% | 0.10% | 1.37% | 0.86% | 1.73% | 0.17% | 0.11% | 11.49% | 0.64% | 1.33% | 8.68% | 19.03% | 1.95% | 0.03% | 0.03% |
| 62:Q | 0.30% | 0.02% | 0.51% | 7.26% | 0.02% | 0.55% | 3.52% | 0.03% | 2.51% | 4.09% | 0.20% | 0.14% | 3.42% | 68.92% | 7.51% | 0.17% | 0.16% | 0.39% | 0.19% | 0.10% |
| 63:K | 0.82% | 0.04% | 0.81% | 5.45% | 0.03% | 0.98% | 0.46% | 2.11% | 52.51% | 0.55% | 4.12% | 10.14% | 0.36% | 2.47% | 8.30% | 1.73% | 8.32% | 0.53% | 0.16% | 0.10% |
| 64:F | | | | | | | | | | | | | | | | | | | | |