

Segment 5

| SNPs | | | | | | | | | | | | | | | |
|-----------------------|---------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-------------|-------------|-------------|-------------|-------------|
| A-PuertoRico-8-1934 | 3 | 4 | 9 | 5 | 1 | 3 | 4 | 10 | 5 | 3 | 8 | 6 | 8 | 1 | 1 |
| A-FortMonmouth-1-1947 | 5 | 1 | 5 | 5 | 5 | 5 | 6 | 4 | 5 | 8 | 11 | 6 | 15 | 8 | 4 |
| A-Albany-4836-1950 | 5 | 2 | 4 | 5 | 5 | 3 | 6 | 5 | 9 | 7 | 8 | 7 | 16 | 7 | 3 |
| A-NewJersey-1976 | 3 | 4 | 9 | 5 | 1 | 3 | 4 | 10 | 5 | 3 | 8 | 6 | 8 | 1 | 1 |
| A-USSR-92-1977 | 5 | 3 | 4 | 7 | 5 | 4 | 6 | 5 | 10 | 8 | 9 | 7 | 17 | 8 | 4 |
| A-India-6263-1980 | 5 | 3 | 4 | 9 | 5 | 4 | 8 | 6 | 8 | 9 | 9 | 8 | 15 | 8 | 4 |
| A-Taiwan-1-1986 | 5 | 5 | 5 | 8 | 6 | 5 | 8 | 8 | 9 | 9 | 7 | 8 | 15 | 8 | 4 |
| A-Texas-36-91 | 5 | 5 | 5 | 10 | 7 | 5 | 8 | 9 | 8 | 8 | 9 | 11 | 15 | 8 | 3 |
| A-Beijing-262-1995 | 4 | 5 | 4 | 10 | 6 | 5 | 9 | 8 | 11 | 10 | 10 | 12 | 16 | 9 | 3 |
| A-NewYork-222-2003 | 4 | 6 | 6 | 11 | 7 | 8 | 9 | 8 | 9 | 13 | 9 | 11 | 14 | 9 | 3 |
| A-California-07-2009 | 7 | 10 | 13 | 9 | 10 | 13 | 10 | 15 | 18 | 16 | 13 | 13 | 15 | 14 | 5 |
| A-Alabama-13-2015 | 9 | 10 | 14 | 10 | 10 | 12 | 9 | 15 | 17 | 15 | 13 | 14 | 14 | 15 | 4 |
| A-Alabama-01-2020 | 9 | 9 | 15 | 12 | 9 | 13 | 10 | 15 | 17 | 15 | 13 | 13 | 12 | 14 | 4 |
| | 1 - 101 | 101 - 201 | 201 - 301 | 301 - 401 | 401 - 501 | 501 - 601 | 601 - 701 | 701 - 801 | 801 - 901 | 901 - 1001 | 1001 - 1101 | 1101 - 1201 | 1201 - 1301 | 1301 - 1401 | 1401 - 1501 |

| Insertions | | | | | | | | | | | | | | | |
|-----------------------|---------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-------------|-------------|-------------|-------------|-------------|
| A-PuertoRico-8-1934 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| A-FortMonmouth-1-1947 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| A-Albany-4836-1950 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| A-NewJersey-1976 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| A-USSR-92-1977 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| A-India-6263-1980 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| A-Taiwan-1-1986 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| A-Texas-36-91 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| A-Beijing-262-1995 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| A-NewYork-222-2003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| A-California-07-2009 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| A-Alabama-13-2015 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| A-Alabama-01-2020 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 1 - 101 | 101 - 201 | 201 - 301 | 301 - 401 | 401 - 501 | 501 - 601 | 601 - 701 | 701 - 801 | 801 - 901 | 901 - 1001 | 1001 - 1101 | 1101 - 1201 | 1201 - 1301 | 1301 - 1401 | 1401 - 1501 |

| Deletions | | | | | | | | | | | | | | | |
|-----------------------|---------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-------------|-------------|-------------|-------------|-------------|
| A-PuertoRico-8-1934 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| A-FortMonmouth-1-1947 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| A-Albany-4836-1950 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| A-NewJersey-1976 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| A-USSR-92-1977 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| A-India-6263-1980 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| A-Taiwan-1-1986 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| A-Texas-36-91 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| A-Beijing-262-1995 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| A-NewYork-222-2003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| A-California-07-2009 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| A-Alabama-13-2015 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| A-Alabama-01-2020 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 1 - 101 | 101 - 201 | 201 - 301 | 301 - 401 | 401 - 501 | 501 - 601 | 601 - 701 | 701 - 801 | 801 - 901 | 901 - 1001 | 1001 - 1101 | 1101 - 1201 | 1201 - 1301 | 1301 - 1401 | 1401 - 1501 |