

Segment 1

		SNPs																							
A-PuertoRico-8-1934		3	2	4	8	3	6	6	2	7	7	5	3	4	6	8	8	5	7	5	7	6	4	0	
A-FortMonmouth-1-1947		4	4	5	5	4	9	11	4	10	8	5	6	5	8	9	8	3	4	4	6	5	5	2	
A-Albany-4836-1950		6	6	5	6	7	10	10	5	9	9	6	6	6	6	10	7	5	5	6	7	6	5	1	
A-NewJersey-1976		3	2	3	8	3	6	6	2	7	7	6	3	4	6	8	9	5	7	5	7	5	4	0	
A-USSR-92-1977		6	6	6	6	8	11	11	6	8	9	6	11	7	7	9	8	5	6	6	7	6	7	1	
A-India-6263-1980		8	6	7	6	8	12	11	6	9	9	8	10	7	7	10	9	5	6	6	7	7	7	1	
A-Taiwan-1-1986		7	6	8	8	9	11	12	6	10	10	10	11	6	6	11	11	6	7	8	8	8	8	1	
A-Texas-36-91		11	8	10	9	8	12	13	6	10	11	8	11	10	7	9	9	6	8	5	6	9	7	2	
A-Beijing-262-1995		9	7	9	10	9	12	13	6	12	11	8	13	10	10	10	10	6	9	5	6	8	9	2	
A-NewYork-222-2003		12	9	9	12	8	14	13	8	13	12	10	12	10	14	10	12	6	13	7	10	9	9	2	
A-California-07-2009		8	9	10	15	14	16	16	12	10	19	15	10	14	10	14	19	14	18	14	14	9	6	1	
A-Alabama-13-2015		9	10	11	15	14	17	16	11	14	19	17	13	13	10	13	20	13	19	14	17	10	9	1	
A-Alabama-01-2020		10	12	12	15	14	17	15	11	14	19	17	15	15	10	12	22	14	19	12	18	9	10	1	
		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	1501 - 1601	1601 - 1701	1701 - 1801	1801 - 1901	1901 - 2001	2001 - 2101	2101 - 2201	2201 - 2301	

		Insertions																							
A-PuertoRico-8-1934		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
A-FortMonmouth-1-1947		0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0	
A-NewJersey-1976		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
A-USSR-92-1977		0	0	0	0	0	0	0	0	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	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	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	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	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	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	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	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	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	1501 - 1601	1601 - 1701	1701 - 1801	1801 - 1901	1901 - 2001	2001 - 2101	2101 - 2201	2201 - 2301	

		Deletions																							
A-PuertoRico-8-1934		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
A-FortMonmouth-1-1947		0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0	
A-NewJersey-1976		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
A-USSR-92-1977		0	0	0	0	0	0	0	0	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	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	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	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	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	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	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	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	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	1501 - 1601	1601 - 1701	1701 - 1801	1801 - 1901	1901 - 2001	2001 - 2101	2101 - 2201	2201 - 2301	