

Segment 2

		SNPs																						
A-PuertoRico-8-1934	4	2	6	4	3	10	5	3	5	2	4	4	0	4	3	2	4	3	2	2	8	5	3	
A-FortMonmouth-1-1947	6	4	3	7	3	7	6	6	5	5	6	5	3	2	6	6	6	4	3	4	7	8	3	
A-Albany-4836-1950	4	4	7	4	5	8	6	7	6	4	4	4	2	6	5	3	6	6	2	4	7	7	3	
A-NewJersey-1976	6	9	13	16	5	10	14	16	11	7	15	12	14	10	11	8	10	12	11	13	7	8	2	
A-USSR-92-1977	4	6	7	5	6	9	7	7	6	4	5	5	2	6	5	3	6	6	2	5	8	8	4	
A-India-6263-1980	4	6	7	5	7	11	10	7	7	5	5	7	2	7	7	3	6	8	2	5	9	7	4	
A-Taiwan-1-1986	4	9	8	7	9	11	11	8	8	6	5	7	2	7	8	6	7	10	2	6	10	8	3	
A-Texas-36-91	5	9	8	7	10	11	12	10	8	7	8	9	3	7	9	7	6	11	5	5	12	9	3	
A-Beijing-262-1995	5	8	9	8	9	13	15	9	8	8	7	9	5	7	9	8	7	11	4	6	11	11	3	
A-NewYork-222-2003	6	8	7	9	10	16	15	11	8	9	8	9	6	8	9	7	11	12	5	7	12	11	4	
A-California-07-2009	11	13	15	22	19	17	22	24	19	16	18	19	13	17	20	18	16	24	22	14	18	16	6	
A-Alabama-13-2015	12	10	17	21	21	17	21	24	19	17	20	17	13	17	20	18	15	25	23	17	18	15	6	
A-Alabama-01-2020	12	11	16	20	20	18	21	24	19	17	18	18	12	17	21	18	16	25	24	19	18	15	6	
	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	1	1	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	1	0	0	0	0	0
A-Alabama-13-2015	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0
A-Alabama-01-2020	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	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	1	1	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	1	0	0	0	0	0	0	
A-Alabama-13-2015		0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	
A-Alabama-01-2020		0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	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	