

**Table SII. Haplotypes of the c.417\_418delinsTC mutation carrier patients, TMRCA and mutation age estimations**

MARKER	PATIENTS										TMRCA			MUTATION AGE	
	47 (III.1)	47 (III.1)	98 (III.1)	115 (III.1)	46 (III.1)	119 (V.10)	119 (V.10)	23 (IV.5)	23 (IV.5)	23 (IV.5)	Estimators	Generations	Generations	Population sampled	Generations
D6S2446	2	11	1	7	7	13	13	11	11	11	Bergman	43 (29-57)	43 (29-57)	f=2.95E-04	103 (77-143)
D6S497	4	5	4	5	5	5	5	5	5	5	Lander	37 (16-57)	37 (16-57)	f=2.08E-04	108 (82-147)
D6S439	7	7	7	7	7	7	7	7	7	7					
<b>Mutation</b>	<b>HOM</b>	<b>HOM</b>	<b>HET</b>	<b>HET</b>	<b>HET</b>	<b>HOM</b>	<b>HOM</b>	<b>HOM</b>	<b>HOM</b>	<b>HOM</b>					
D6S1548	5	5	5	5	1	5	5	1	1	1	Labuda	26 (17-35)	26 (17-35)	f=2.49E-04	104 (80-143)
D6S943	2	2	8	2	2	1	1	2	2	2	Gandolfo	45 (28-72)	45 (28-72)	Mean	105 (103-108)
D6S2427	7	5	1	5	6	5	5	7	7	7					
D6S1607	6	6	4	7	4	6	6	4	4	4					
D6S4006	1	8	1	1	1	1	1	2	2	2	Mean	38 (29-46)	38 (29-46)		

Shaded boxes indicate the common haplotype shared among patients ranging from marker D6S497 to D6S1548. The 95% confidence interval of the estimations are in parentheses. f=proportion of population sampled. TMRCA: time to the most recent common ancestor.