

Y-STR Data - MUMMA Surname Project

Test => Marker #	Y-STR 12												Y-STR 25												Y-STR 37																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37					
Green = Faster Mutation																																										
Locus DYS # =>	393	390	19	391	385a	385b	426	388	439	389i	392	389ii	Genetic Distance	458	459a	459b	455	454	447	437	448	449	464a	464b	464c	464d	464e	Genetic Distance	460	Y-GATA-H4	YCAIIa	YCAIIb	456	607	576	570	CDYa	CDYb	442	438	Genetic Distance	
Kit#	M#	Surname	13	25	14	11	11	14	12	12	13	13	13	29	0	17	9	10	11	11	24	15	19	30	14	17	17	17	0	10	11	19	23	15	15	18	17	36	37	12	12	0
GROUP 1 - European MOMMA / REENSTJERNA Descendants																																										
M-10	10	Stefan Hans Momma	13	25	14	11	11	14	12	12	13	13	13	29	0	17	9	10	11	11	24	15	19	30	14	17	17	17	0	10	11	19	23	15	15	18	17	36	37	12	12	0
M-12	12	Udo Momma	13	25	14	11	11	14	12	12	13	13	13	29	0	17	9	10	11	11	24	15	19	30	14	17	17	17	0	10	11	19	23	15	15	18	17	36	37	12	12	0
M-30	30	Fred R. Reenstjerna	13	25	14	11	11	14	12	12	13	13	13	29	1	16	9	10	11	11	24	15	19	30	14	17	17	17	2	10	11	19	23	16	15	19	17	36	38	12	12	5
GROUP 2 - Descendants of Immigrant JACOB MUMMA - allele 17 at DYS70																																										
10613	57	Wayne B. Mumma	13	25	14	11	11	14	12	12	13	13	13	29	0	17	9	10	11	11	24	15	19	30	14	17	17	17	0	11	12	19	23	15	15	18	17	36	37	12	12	2
10612	56	Robert N. Mumma, Jr.	13	25	14	11	11	14	12	12	13	13	13	29	1	17	9	10	11	11	24	15	19	30	14	17	17	17	1	11	11	19	23	15	15	18	17	36	37	12	12	2
M-07	7	Richard M. Mumma	13	25	14	11	11	14	12	12	13	13	13	29	0	18	9	10	11	11	24	15	19	30	14	17	17	17	1	10	11	19	23	15	15	18	17	37	37	12	12	1
1862	45	John (NMI) Mumma	13	25	14	11	11	14	12	12	13	13	13	29	0	17	9	10	11	11	24	15	19	30	14	17	17	17	0	10	11	19	23	15	15	19	17	36	37	12	12	1
10615	63	Stephen J. Mumma	13	25	14	11	11	14	12	12	13	13	13	29	0	17	9	10	11	11	24	15	19	30	14	17	17	17	1	10	11	19	23	15	15	18	17	36	37	12	12	1
GROUP 3 - UNCONNECTED - allele 17 or 18 at DYS70																																										
21946	64	David H. Mumma	13	25	14	11	11	14	12	12	13	13	13	29	0	17	9	10	11	11	24	15	19	30	14	17	17	17	0	10	11	19	23	15	14	18	17	36	37	12	12	1
10619	53	Rlaph O. Mumma	13	25	14	11	11	14	12	12	13	13	13	29	0	17	9	10	11	11	24	15	19	30	14	17	17	17	0	10	11	19	23	15	14	18	17	36	37	12	12	1
10614	58	William F. Mumma	13	25	14	11	11	14	12	12	13	13	13	29	0	17	9	10	11	11	24	15	19	30	14	17	17	17	0	10	11	19	23	15	14	18	17	36	37	12	12	1
7056	51	John L. Moomau	13	25	14	11	11	14	12	12	13	13	13	29	0	17	9	10	11	11	24	15	19	30	14	17	17	17	0	10	11	19	23	15	15	18	17	36	37	12	12	0
M-08	8	Steven K. Moomau	13	25	14	11	11	14	12	12	13	13	13	29	0	17	9	10	11	11	24	15	19	30	14	17	17	17	0	10	11	19	23	15	15	18	18	36	37	12	12	1
21370	60	Raymond D. Moma	13	25	14	11	11	14	12	12	13	13	13	29	0	17	9	10	11	11	24	15	19	30	14	17	17	17	1	10	11	19	23	15	15	18	17	36	37	12	12	1
M-32	32	Benjamin T. Mumah	13	25	14	11	11	14	12	12	13	13	13	29	0	17	9	10	11	11	24	15	19	30	14	17	17	17	0	10	11	19	23	15	15	18	17	36	37	12	12	0
GROUP 4 - Descendants of Immigrant PETER MUMMA - allele 35 at CDYa																																										
7057	52	Howard E. Mumma	13	25	14	11	11	14	12	13	13	13	13	29	1	17	9	10	11	11	24	15	19	30	14	17	17	17	1	10	11	19	23	15	15	18	17	35	37	12	12	2
21947	65	Robert L. Mumma	13	25	14	11	11	14	12	13	13	13	13	29	1	17	9	10	11	11	24	15	19	30	14	17	17	17	1	10	11	19	23	15	15	18	17	35	37	12	12	2
M-26	26	Harold E. Muma	13	25	14	11	11	14	12	13	13	13	13	29	1	17	9	10	11	11	24	15	19	30	14	17	17	17	1	10	11	19	23	15	15	18	17	35	37	12	12	2
M-27	27	Charles L. Mumma	13	25	14	11	11	14	12	13	13	13	13	29	1	17	9	10	11	11	24	15	19	30	14	17	17	17	1	10	11	19	23	15	15	19	17	35	37	13	12	4
20816	59	Thomas W. Bell	13	25	14	11	11	14	12	13	13	13	13	29	1	17	9	10	11	11	24	15	19	30	14	17	17	17	1	10	11	19	23	15	15	18	17	35	37	12	12	2
3316	46	Robert E. Mumma	13	25	14	11	11	14	12	13	13	13	13	29	1	17	9	10	11	11	24	15	19	30	14	17	17	17	1	10	11	19	23	15	15	18	17	35	37	12	12	2
21948	66	Mumma	13	25	14	10	11	14	12	12	13	13	13	29	1	17	9	10	11	11	24	15	19	30	14	17	17	17	2	10	12	19	23	15	15	18	17	35	37	12	12	4
39581	67	Ray F. Mumma	13	25	14	11	11	14	12	12	13	13	13	29	0	17	9	10	11	11	24	15	19	30	14	14	17	18	2	10	11	19	23	15	15	18	17	35	37	12	12	3
GROUP 5 - Descendants of Immigrant LEONARD MUMMA - allele 16 at DYS70																																										
M-19	19	Mark T. Mummau	13	25	14	11	11	14	12	12	13	13	13	29	1	17	9	10	11	11	24	15	19	30	14	17	17	18	2	10	11	19	23	15	15	18	16	36	37	12	12	3
M-04	4	Chester M. Mummau	13	25	14	11	11	14	12	12	13	13	13	29	1	17	9	10	11	11	24	15	19	30	14	17	17	18	2	10	11	19	23	15	15	18	16	36	37	12	12	3
1861	36	Ronald C. Moomaw	13	25	14	11	11	14	12	12	13	13	13	29	1	17	9	10	11	11	24	15	19	30	14	17	17	17	1	10	11	19	23	15	15	18	16	36	37	12	12	2
M-03	3	James A. Moomaw	13	25	14	11	11	14	12	12	13	13	13	29	0	17	9	10	11	11	24	15	19	30	14	17	17	17	0	10	11	19	23	15	15	18	16	36	37	12	12	1
M-31	31	Gail E. Mumma	13	25	14	11	11	14	12	12	13	13	13	29	0	17	9	10	11	11	24	15	19	30	14	17	17	17	0	10	11	19	23	15	15	18	16	37	37	12	12	2
M-21	21	Olen Donald Mumma	13	25	14	11	11	14	12	12	13	13	13	29	0	17	9	10	11	11	24	15	19	29	14	17	17	17	1	10	11	19	23	15	15	18	16	37	37	12	12	3
M-18	18	Joel P. Mumma	13	25	14	11	11	14	12	12	13	13	13	29	0	17	9	10	11	11	24	15	19	30	14	17	17	17	0	10	11	19	23	15	15	18	16	36	37	12	12	1
728	37	Michael F. Mumma	13	25	14	11	11	14	12	12	13	13	13	29	0	17	9	10	11	11	24	15	19	30	14	17	17	17	0	10	11	19	23	15	15	18	16	36	37	12	12	1
M-34	34	Keith R. Mumaw	13	25	14	11	11	14	12	12	13	13	13	29	0	17	9	10	11	11	24	15	19	30	14	17	17	17	0	9	11	19	23	15	15	18	16	36	37	12	12	2
M-05	5	John V. Mumma	13	25	14	11	11	14	12	12	13	13	13	29	0	17	9	10	11	11	24	15	19	30	14	17	17	17	0	10	11	19	23	15	15	18	16	36	37	12	12	1
39609	70	Lawrence A. Mumma	13	25	14	11	11	14	12	12	13	13	13	29	0	17	9	10	11	11	24	15	19	30	14	17	17	17	0	10	11	19	23	15	15	18	16	36	37	12	12	1
M-01	1	Douglas M. Mumma	13	25	14	11	11	14	12	12	13	13	13	29	0	17	9	10	11	11	24	15	19	30	14	17	17	17	0	10	11	19	23	15	15	18	16	36	37	12	12	1
10975	55	Richard L. Mumma	13	25	14																																					

