

Y-DNA Iranian DNA Project

atomwide Y-SNP Results (excluding potential and Distant Iranian Ancestry sults)

n=66

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R1a1 M17
(Subclade R1a1a
M-198

R2a

R1b

R1b

R1a
R1a1a1

R1a1

R?

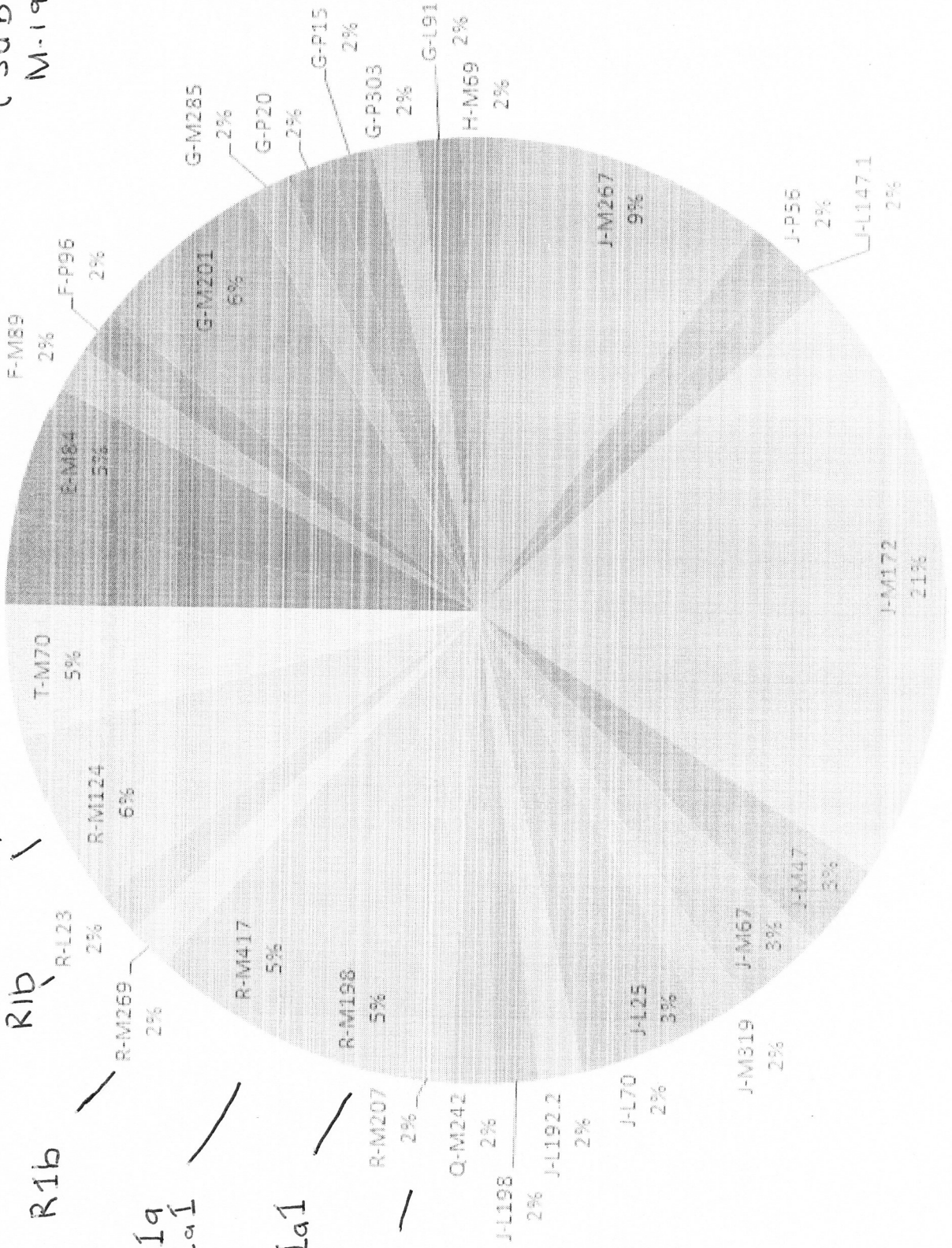


Table 2 Y-SNP haplogroup counts and frequencies (%) in populations studied (and their diagnostic binary markers)

Population	n	DE*(ΔE3b) (YAP)	E3b* (M35)	F*(sLJ2.K) (M89)	I* (M170)	J2*(M172)	K*(AN3.P) (M9)	N3* (M46)	P*(xR1) (M74)	R1*(xR1a1) (M173)	R1a1* (M17)	Other (ancestral)	%											
Poland																								
Wroclaw (Wro)	101	0	12	11.9	6	5.9	13	12.9	2	2.0	0	5	5.0	1	1.3	12.9	49	48.5	0	0				
Warsaw (War)	121	1	0.8	3	2.5	1	0.8	23	19.0	4	3.3	0	2	1.7	0	0	21	17.4	66	54.5	0	0		
Lublin (Lub)	112	1	0.9	4	3.6	3	2.7	13	11.6	4	3.6	2	1.8	0.9	0	0	14	12.5	70	62.5	0	0	0	
Gdansk (Gda)	150	0	5	3.3	2	1.3	32	21.3	4	2.7	1	0.7	5	3.3	0	0	11	7.3	90	60.0	0	0	0	
Krakow (Kra)	100	0	3	3.0	2	2.0	15	15.0	2	2.0	0	4	4.0	2	2.0	8	8.0	64	64.0	0	0	0	0	
Szczecin (Szc)	105	0	7	6.7	1	1.0	23	21.9	2	1.9	0	4	3.8	0	0	12	11.4	56	53.3	0	0	0	0	
Suwalki (Saw)	82	0	2	2.4	3	3.7	13	15.9	2	2.4	1	1.2	9	11.0	0	6	7.3	46	56.1	0	0	0	0	
Bydgoszcz (Byd)	142	3	2.1	5	3.5	0	26	18.3	3	2.1	1	0.7	4	2.8	0	21	14.8	79	55.6	0	0	0	0	
Poland all	913	5	0.5	41	4.5	18	2.0	158	17.3	23	2.5	5	0.5	34	3.7	3	0.3	106	11.6	520	57.0	0	0	0
Germany																								
Berlin (Ber)	103	0	10	9.7	4	3.9	33	32.0	2	1.9	4	3.9	2	1.9	0	0	24	23.3	23	22.3	1	1.0	0	0
Leipzig (Lei)	144	0	10	6.9	5	3.5	21	14.6	4	2.8	0	1	0.7	2	1.4	62	43.1	39	27.1	0	0	0	0	0
Magdeburg (Mag)	100	0	7	7.0	6	6.0	25	25.0	2	2.0	1	1.0	1	1.0	3	3.0	34	34.0	21	21.0	0	0	0	0
Rostock (Ros)	96	0	6	6.3	2	2.1	22	22.9	2	2.1	1	1.0	2	2.1	0	0	31	32.3	30	31.3	0	0	0	0
Greifswald (Gre)	104	0	3	2.9	4	3.8	25	24.0	3	2.9	2	1.9	1	1.0	6	5.8	39	37.5	20	19.2	1	1.0	0	0
Hamburg (Ham)	161	1	0.6	0	6	3.7	51	31.7	8	5.0	2	1.2	3	1.9	2	1.2	61	37.9	27	16.8	0	0	0	0
Muenster (Mue)	102	0	10	9.8	8	7.8	27	26.5	5	4.9	3	2.9	1	1.0	1	1.0	38	37.3	8	7.8	1	1.0	0	0
Freiburg (Fre)	102	0	5	4.9	3	2.9	17	16.7	9	8.8	0	0	0	0	1	1.0	56	54.9	11	10.8	0	0	0	0
Cologne (Col)	96	0	5	5.2	2	2.1	19	19.8	5	5.2	3	3.1	6	6.3	1	1.0	40	41.7	15	15.6	0	0	0	0
Mainz (Mai)	95	2	2.1	11	11.6	3	3.2	21	22.1	6	6.3	0	1	1.1	0	0	42	44.2	8	8.4	1	1.1	0	0
Munich (Mun)	112	0	8	7.1	9	8.0	26	23.2	3	2.7	3	2.7	1	0.9	0	0	46	41.1	16	14.3	0	0	0	0
Germany all	1215	3	0.2	73	6.2	52	4.3	287	23.6	40	4.0	19	1.6	16	1.3	173	38.9	218	17.9	4	0.3	0	0	0

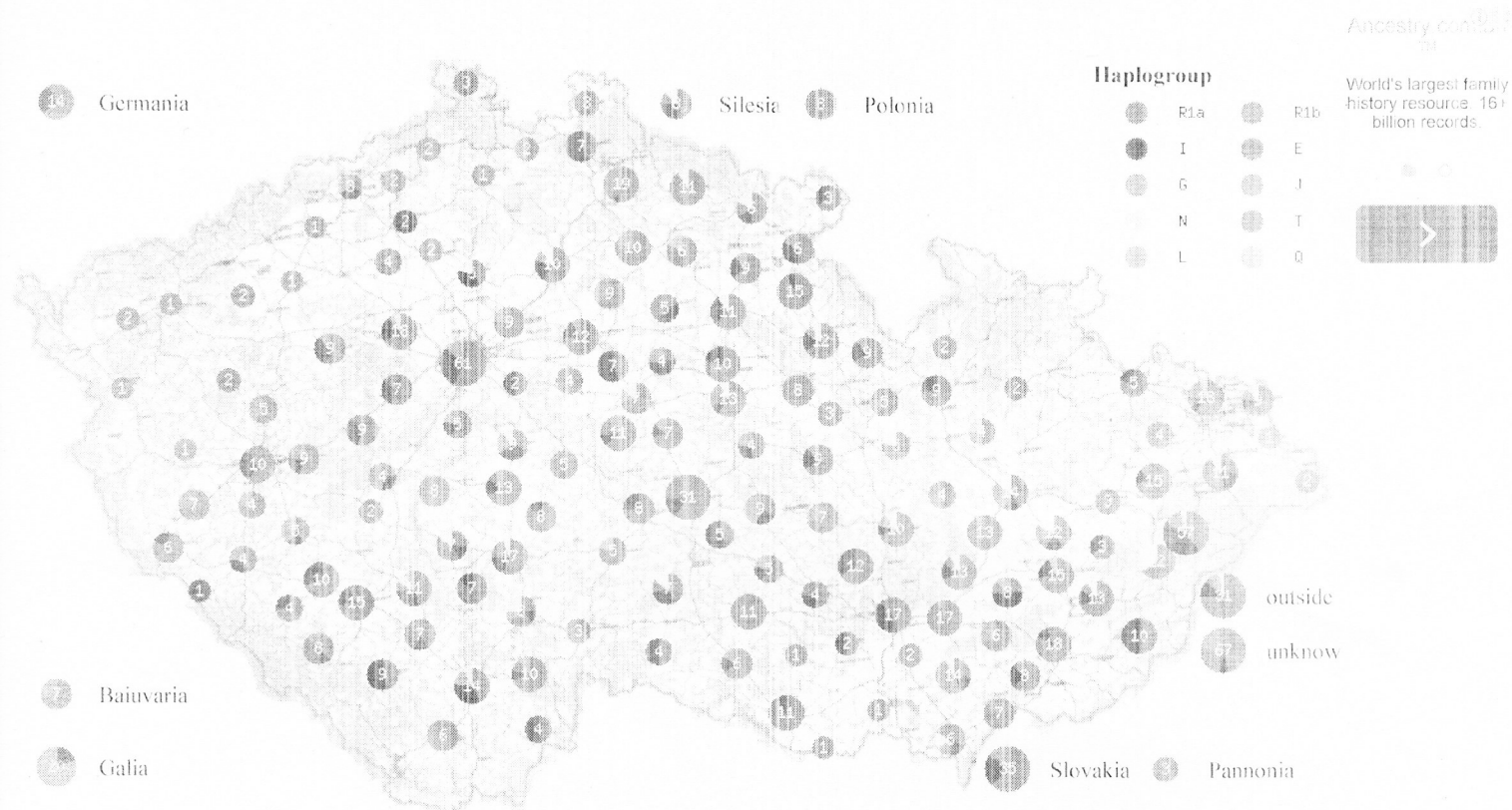
Czech Y-DNA: Haplogroup Distribution



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Individual haplogroup distribution maps

Map of distribution of all haplogroups



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Haplogroups here used are computed by Hapest algorithm. Author: Whit Athey >>> Hapest <<<

Haplogroup	Count	Percent	Haplogroup	Count	Percent	List of found SNP mutations			
R	802	60 %	R1a	453	33.7 %	Haplogroup	Symbol	Count	Percent
I	241	18 %	R1b	349	26 %	R1a1a1g	M458	46	R1a: 60 % Y-D
E	107	8 %	I2	141	10.5 %	G2a	P15	15	
G	73	5 %	E1b1b	107	8 %	I2	M438,P215,S31	2	
J	73	5 %	I1	100	7.4 %	I2a	P37.2	2	
N	37	3 %	I2a (xI2a1)	87	6.5 %	R1b1b2a1a1d	L48,S162	2	
L	5	0 %	G2a	71	5.3 %	E1b1b1	M35.1	1	
T	4	0 %	J2	64	4.8 %	E1b1b1a2	V13	1	
Q	2	0 %	J2b	43	3.2 %	I2a2	M423	1	
			N	37	2.8 %	I2b1	L34	1	
			I2b1	31	2.3 %	I2b1	L36	1	
			J2a1b	12	0.9 %	I2b1	L59	1	
			J1	9	0.7 %	I2b1	M223	1	
			R1a1	8	0.6 %	I2b1	P219,S24	1	
			I2b (xI2b1)	7	0.5 %	I2b1	P220,S119	1	
			R1b1	6	0.4 %	I2b1	P221,S120	1	
			J2a1h	4	0.3 %	N1c1a1a1a1	L1025	1	
			R1a*	2	0.1 %	R	M207,UTY2	1	
			E1b1b1a*	1	0.1 %	R1a1a1g2	L260	1	
			G2c	1	0.1 %	R1a1a1h	Z93	1	
			I2a*	1	0.1 %	R1a1a1h1	L342.2	1	
			I2a2	1	0.1 %	R1a1a1b1a1b1	L1029	1	
			R1a1*	1	0.1 %	R1b1b2a1a1	M405,S21,U106	1	
			R1b1c	1	0.1 %	R1b1b2a1a1d1	L47	1	
			R1b1b2a1a1d	1	0.1 %	R1b1b2a1a1d1a	L44	1	
			R1b1b2h*	1	0.1 %	R1b1a2a1a1b	P312,S116	1	