

Culture	Dating (BP)	Sample	Mito Haplogroup	DYS393	DYS390	DYS19	DYS391	DYS385a	DYS385b	DYS439	DYS389i	DYS392	DYS389ii	DYS458	DYS437	DYS448	GATAH4	DYS456	DYS438	DYS635	Confirmed SNP	Assignment	Prediction
Bol'shemyskaya	6000-5000	11	?	12				11	14	12	13	29	16				13	16			P297	R1b-P297 (xM73)	R1b-L23
Afanas'ev	5500-4600	Kh19	C																				
Afanas'ev	5500-4600	Kh20	C	12	24	14	10	11	14	13	13	13	29	16	15	19	12	16	12	23	M269	R1b-M269	R1b-L23
Afanas'ev	5500-4600	Kh21	H	12	24	14	11	11	14	13	13	13	29	16	15	19	13	15	12	23	M269	R1b-M269	R1b-L23
Afanas'ev	5500-4600	Kh22	H/U	12	24	14	11	11	14	13	13	13	29	16	15	19	13	15	12	23	P297	R1b-P297 (xM73)	R1b-L23
Afanas'ev	5500-4600	2	?																				
Afanas'ev	5500-4600	3	U5a1																				
Afanas'ev	5500-4600	TU31	?	14	22	13	11	14	17	13	12	16	28	17	14	19	10	17	11	23	M242	Q-M242 (xM346)	Q-L275
Okunevo	4300-3800	Kh1	C5																				
Okunevo	4300-3800	Kh2	C5																				
Okunevo	4300-3800	Kh3	H																				
Okunevo	4300-3800	Kh7	J	12	24	14	10	11	14	12	13	13	29	17	15	19	13	16	12	23	M269	R1b-M269	R1b-L23
Okunevo	4300-3800	Kh8	H	13	23	13	11	13	18	12	13			15	15	16	11	17	12		M346	Q-M346 (xL54)	Q-L940
Okunevo	4300-3800	Kh9	A10																				
Okunevo	4300-3800	Kh12	U5	14	24	16	10	11	13	11	14	14	31	17	15	21	12	14	9	22	M214	NO-M214 (xO)	N
Okunevo	4300-3800	Kh13	H/U	14	24	15	11	11	13	12	13	14	31	18	14	21	12	14	10	21	M214	NO-M214 (xO)	N
Okunevo	4300-3800	Kh14	T2a1b																				
Okunevo	4300-3800	Kh15	D	14	24	15	11	11	13	12	13		31	18	14	21	12	14	10	21	M214	NO-M214 (xO)	N
Okunevo	4300-3800	Kh16	?																				
Okunevo	4300-3800	Kh17	A4	13		13	10			13	13						11	15			L54	Q-L54 (xM3)	Q
Okunevo	4300-3800	Kh18	A8																				
Elunino	4300-3700	6	C1	13	24	13	10	14	17	12	14			15	15	19	12	17		22	M346	Q-M346 (xL54)	Q
Elunino	4300-3700	7	C	13			10	13	17	12	13			19			11	16		22	M242	Q-M242 (xM346)	Q
Elunino	4300-3700	8	D																				
Elunino	4300-3700	9	C1	13			9	12						16	14	20	9	15			?		C-M217
Chemurcek	4500-4300	AT_626	D4b1	14	23	16	10	13	13	12	13	11	30	17	14	20	11	15	10	21	M130	C-M130	C-M48
Chemurcek	4500-4300	AT_635	A4																				
Chemurcek	4500-4300	13	T2	13	22	13	10	11	17	13	13	15	29	16	14	19	10	15	11	22	?		Q-M25
Chemurcek	4500-4300	14	?																				
Chemurcek	4500-4300	15	U2e																				
Chemurcek	4500-4300	16	C4a1																				
Chemurcek	4500-4300	AT_592_3	T2c1																				
Munkh-Khairkhan	3700-3400	AT_614	H/U	14	24	16	10	11	13	11	14	14	31	18	15	21	12	15	9	22	M214	NO-M214 (xO)	N
Munkh-Khairkhan	3700-3400	AT_861	D	13	23		10	11	12		14		30	18	14	20	11	15	10	21	M214	NO-M214 (xO)	N
Munkh-Khairkhan	3700-3400	AT_862	?																				
Sagsai	3400-2900	TA4	T1a	13	24	16	11	11	14	10	14	11	32	16	14	20	12	16	11	23	Z93	R1a-Z93	R1a
Sagsai	3400-2900	TA8	U4	13	24	13	10	15	18	14	13	14	29	16	13	19	11	15	11	22	L54	Q-L54 (xM3)	Q-L330
Sagsai	3400-2900	TA9	D5a2a1																				
Sagsai	3400-2900	TA10	C4a1	13	14	16	11	11	14	10	14	11	32	16	14	20	12	16	11	23	Z93	R1a-Z93	R1a
Sagsai	3400-2900	TA11	D	13	24	13	10	15	17	13	13	14	29	16	13	19	11	15	11	22	L54	Q-L54 (xM3)	Q-L330
Sagsai	3400-2900	TA12	?	13	24	13	10	15	17	13	13	14	29	16	13	19	11	15	11	22	L54	Q-L54 (xM3)	Q-L330
Sagsai	3400-2900	TA14	D2	13	25	16	11	11	14	10	13	11	31	15	14	20	13	16	11	23	Z93	R1a-Z93	R1a
Sagsai	3400-2900	TU15	H/u																				
Sagsai	3400-2900	TU17	A4	14	23	16	10	11	16	11	12	11	27	17	14	21	11	15	10	21	M130	C-M130	C-M407
Sagsai	3400-2900	TU18	A4																				
Sagsai	3400-2900	TU34	H/U	13	25	16	11	11	14	10	13	11	31	15	14	20	13	16	11	23	Z93	R1a-Z93	R1a