Sample_ID	Master ID	Skeletal codes	Skeletal element
I6713	I6713	SP46	bone (long bone)
I6715	I6715	SP54	petrous
I3388	I3388	SP53	petrous
I3950	I3950	SP48	petrous
I3952	I3952	SP51	petrous
I3954	I3954	SP52	petrous
I1829	I1829	SSSal1/36	bone (cranial)
I6711	I6711	SP42	bone
I3387	I3387	SP41	petrous
I6712	I6712	SP45	bone (long bone)
I5269	I5269	Tomsk_1950	petrous
I5270	I5270	Tomsk_1951	tooth (premolar)
I5271	I5271	Tomsk_1952	tooth (molar)
I5277	I5277	Tomsk_2099, Elo-Bashi, 2099	petrous
I5272	I5272	Tomsk_1955	petrous
I2069	I2069	230/4	tooth (molar)
I5273	I5273	Tomsk_1959	petrous
I5278	I5278	Tomsk_2101	petrous
I5279	I5279	Tomsk_2102	petrous
I2071	I2071	230/6	tooth (premolar)
I3951	I3951	SP50	petrous
I6714	I6714	SP49	petrous
I3949	I3949	SP47	petrous
I3767	I3767	AI-1, kurgan 2	tooth
I4773	I4773	KZ-AKT-002,Object 7, Kurgan	petrous
I4774	I4774	KZ-AKT-008, Object 7, Kurgan	petrous
I4265	I4265	KZ-AKT-003, Актогай// объек	petrous
I4264	I4264	KZ-AKT-001, Актогай // обые	petrous
I8246	I8246	ALIG_5, Grave 5, Individual 1	petrous
I8245	I8245	ALIG_4_2, Grave 4, Individual	petrous
I8219	I8219	ALIG_2, Grave 2, Individual 1	petrous
I6823	I6823	TOMSK_4373	petrous
I6557	I6557	ARKT_1, Grave 1 Individual 1	petrous
I6548	I6548	BKOT4	petrous
I6545	I6545	BKOT1, Grave 2, Individual 1	petrous
I6546	I6546	BKOT2, Grave 2, Individual 3	petrous

I6547	I6547	BKOT3	petrous
I2312_d	I2312	Belt4S	bone (phalanx)
I4156	I4156	UZ-BST-004, Site 7	petrous
I4899	I4899	UZ-BST-014, Site 5	petrous
I4157	I4157	UZ-BST-005	petrous
I4159	I4159	UZ-BST-007, Site 4	petrous
I5604	I5604	UZ-BST-011, Site 4	petrous
I5605	I5605	UZ-BST-010, Site 7	petrous
I6549	I6549	BUTK1, T.50b [to be correcte	petrous
I6550	I6550	BUTK2, T.50a [to be correcte	petrous
I6551	I6551	BUTK3	petrous
I6552	I6552	BUTK, T.50d [to be corrected	petrous
I3447	I3447	DL-OP2-B, #41	bone (cranial)
I0507	I0507	KzHS7, indiv #1, Dali 1, burial	bone (phalanx)
I1931	I1931	DL-Br-2,sample# KZBR-2-012	bone (phalanx)
I3448	I3448	DL-BR1-B, CTX 2-B3, #21, indi	bone (phalanx)
Darra.I.Kur_d	Darra.I.Kur	Darra.I.Kur	petrous
I4160	I4160	UZ-DK-004, Dashty-Kozi (ТЕП	petrous
I4257	I4257	UZ-DK-003, Dashty-Kozi 1985	petrous
I4258	I4258	UZ-DK-001, Dashty-Kozi П-15	petrous
I4315	I4315	UZ-JAR-004	petrous
I4161	I4161	UZ-JAR-008	petrous
I4163	I4163	UZ-JAR-011	petrous
I4312	I4312	UZ-JAR-001	petrous
I4313	I4313	UZ-JAR-005	petrous
I7411	I7411	UZ-JAR-007	petrous
I7412	I7412	UZ-JAR-018	petrous
I4314	I4314	UZ-JAR-003	petrous
I4901	I4901	UZ-JAR-021	petrous
I5608	I5608	UZ-JAR-022	petrous
I1947	I1947	GD22	petrous
I1954	I1954	GD41	petrous
I7527	I7527	GANJ_25_M	petrous
I1946	I1946	GD20	petrous
I1952	I1952	GD40	petrous
S8527.E1.L1	I8527	MOS324, IE-10-23	petrous (CBD)
S8524.E1.L1	I8524	MOS319, IE-10-14	petrous (CBD)
S8504.E1.L1	I8504	MOS295, IE-10-35	petrous (CBD)
S8529.E1.L1	I8529	MOS326, IE-10-8	petrous (CBD)
S8526.E1.L1	I8526	MOS323, IE-10-15	petrous (CBD)
S8510.E1.L1	I8510	MOS317, IE-10-20	petrous (CBD)

S8528.E1.L1	I8528	MOS325, IE-10-18	petrous (CBD)
S8530.E1.L1	I8530	MOS327, IE-10-1	petrous (CBD)
S8532.E1.L1	I8532	MOS330, IE-10-4	petrous (CBD)
S8534.E1.L1	I8534	MOS332, IE-10-5	petrous (CBD)
S8505.E1.L1	I8505	MOS298, IE-10-46	petrous (CBD)
S8502.E1.L1	I8502	MOS291, IE-10-27	petrous (CBD)
I6119	I6119	Gonur 2005 Tomb 3466 samp	tooth
I2085	I2085	Gonur 2004 Area 8 Cist 3201	bone
I2128	I2128	Gonur Tomb 1311 sample 59	tooth
I1784	I1784	Gonur Tomb 2380 Sample 17	bone
I2087	I2087	Gonur Tomb 1506 sample 32	tooth
I1781	I1781	Gonur 2003 Tomb 3012 Samp	tooth
I1782	I1782	Gonur 2003 Tomb 3049 Samp	tooth
I1787	I1787	Gonur Tomb 1315 Sample 65	tooth
I1788	I1788	Gonur Tomb 1340 Sample 66	tooth
I1790	I1790	Gonur 2013 Area 12 pitroom	tooth
I1793	I1793	Gonur 2013 Area 12 occasion	tooth
I2116	I2116	Gonur 2013 Area 19 cist tomb	tooth
I2121	I2121	Gonur 2003 Tomb 3007 samp	tooth
I2125	I2125	Gonur tomb 2871 sample 15	tooth
I3374	I3374	Gonur 2003 Area 6 Tomb 304	tooth
I6124	I6124	Gonur 2003 Tomb 1899 Samp	tooth
I6217	I6217	Gonur Tomb 1300 sample 51	tooth
I6118	I6118	Gonur 2003 Tomb 3050 samp	tooth
I6122	I6122	Gonur 2000 Tomb 1646 Samp	tooth
I6310	I6310	Gonur Tomb 1368 sample 20	tooth
I6318	I6318	Gonur Tomb 1651 Sample 45	tooth
I7173	I7173	Gonur 2013 Area 22 shaft tom	tooth
I6120	I6120	Gonur Tomb 1307 sample 62	tooth
I7101	I7101	Gonur Tomb 1466 sample 25	tooth
I6312	I6312	Gonur Tomb 1415 sample 46	tooth
I7170	I7170	Gonur 2006 Area 10 pit tomb	tooth
I6127	I6127	Gonur Tomb 1128 sample 22	tooth
I3365	I3365	Gonur 2003 Area 5 Cist N301	bone
I6125	I6125	Gonur 2003 Tomb 1906 Samp	tooth
I6126	I6126	Gonur 2005 Tomb 3483 Samp	tooth
I6218	I6218	Gonur Tomb 1306 sample 57	tooth
I7102	I7102	Gonur 2005 Area 10 pit N330	tooth
I7171	I7171	Gonur 2006 Area 13 pit 3536	tooth
I1792	I1792	Gonur 2004 large pit, royal ne	tooth
I1783	I1783	Gonur 2005 Tomb 3454 Samp	tooth

I1789	I1789	Gonur 2013 Area 12 shaft ton	tooth
I2122	I2122	Gonur 2005 Tomb 3453 samp	tooth
I6117	I6117	Gonur Tomb 3037 sample 4	tooth
I2123	I2123	Gonur 2005 Tomb 3465 Samp	tooth
I4243	I4243	F11 3	petrous
I2328	I2328	FH9, F10 B1 skull 7	tooth (molar)
I4241	I4241	F10, B1 S3	petrous
I4349	I4349	F11, B3 3	petrous
I2327	I2327	FH8, K10 B1	tooth (molar)
I2323	I2323	FH5, F10 B1 prenatal	petrous
I4351	I4351	F11, B3 1	petrous
I4567	I4567	KZ-KAN-006, , Кайран I// огр.	tooth (molar)
I4568	I4568	KZ-KAR-006, Кайран I// Огра,	tooth
I4318	I4318	KZ-KAN-002 + KZ-KAY-002, Ка	petrous
I4776	I4776	KZ-KAN005, Кайран I// огр. 5	petrous
I4779	I4779	KZ-KAR005, ogr. N11, grave N	petrous
I5761	I5761	KZ-KAR-012, Кайран I// Огра,	tooth (molar)
I4566	I4566	KZ-KAN-004, Кайран I// огр. I	tooth (molar)
I4780	I4780	KZ-KAR009, Кайран I// Оград	petrous
I4319	I4319	KZ-KAR-010, Кайран I// Огра,	petrous
I6708	I6708	SP37	petrous
I4262	I4262	KZ-KAR-002	petrous
I4263	I4263	KZ-KAR-004	petrous
I4778	I4778	KZ-KAR-003, KV. 1V, Grave 2,	petrous
I4153	I4153	UZ-KKC-001	petrous
I4255	I4255	UZ-KKC-003	petrous
I5396	I5396	KATE_36, Grave 36, Individua	petrous
I5399	I5399	KATE_191A, Grave 191, Indivi	petrous
I5397	I5397	KATE_53, Grave 53, Individua	petrous
I5398	I5398	KATE_141, Grave 141, Individ	petrous
I4322	I4322	KZ-KAZ-005, Каз-с об. 1. М. 1	petrous
I4783	I4783	KZ-KAZ-006, Object 3, Og. 1, 2	petrous
I4321	I4321	KZ-KAZ-003, Каз-с об. 6. 2015	petrous
I4782	I4782	KZ-KAZ-004, Каз-с об. 7. 2015	petrous
I1853	I1853	SS8993-10, Potroshilovo II, er	bone (cranial)
I1821	I1821	SS8993-8, Potroshilovo II, enc	bone (cranial)
I1856	I1856	SS8993-9, Potroshilovo II, enc	bone (cranial)
I1851	I1851	SS7800-24, Ust-Bir IV, grave 2	bone (cranial)
I1828	I1828	SS7800-23, Ust-Bir IV, grave 2	bone (cranial)
I1852	I1852	SS7800-9, Ust-Bir IV, grave 10	bone
I3389	I3389	SP56	petrous

I3392	I3392	SP60	petrous
I6718	I6718	SP64	petrous
I3396	I3396	SP65	petrous
I3391	I3391	SP59	petrous
I3394	I3394	SP62, burial 38	petrous
I3390	I3390	SP57	petrous
I3395	I3395	SP63, burial 38	petrous
I6716	I6716	SP55	petrous
I3393	I3393	SP61, burial 37	petrous
I6717	I6717	SP58	petrous
I4323	I4323	KZ-KUZ-002	petrous
I4784	I4784	KZ-KUZ-001, Og. 46	petrous
I6788	I6788	TOMSK_4114	petrous
I6800	I6800	TOMSK_4387, inv. 4387	petrous
S10001.E1.L1	I10001	LOEB_112, Grave 112, Individ	petrous
S10974.Y1.E1.L	I10974	LOEB_163 [Grave 136?]	petrous
S8998.E1.L1	I8998	LOEB_78, Grave 78, Individua	petrous
S8997.E1.L1	I8997	LOEB_76B, Grave 76, Individu	petrous
I6553	I6553	LOEB_53, Grave 135? [archae	petrous
I6555	I6555	LOEB_77, Grave 77, Individua	petrous
I5400	I5400	LOEB_170, T.170, Grave 170,	petrous
I10000	I10000	LOEB_108b, Grave 108, Indivi	petrous
I6292	I6292	LOEB_35A, Loebanr 35A, TI. 3	petrous
I6556	I6556	LOEB_163c, T.163C; Loebanr	petrous
S8999.E1.L1	I8999	LOEB_80B, Grave 80, Individu	petrous
I6554	I6554	LOEB_73b, Grave 73, Individu	petrous
I6789	I6789	TOMSK_4335	petrous
I6793	I6793	TOMSK_4346	petrous
I6794	I6794	TOMSK_4347	petrous
I6790	I6790	TOMSK_4337, inv. 4337	petrous
I6791	I6791	TOMSK_4341	petrous
I6796	I6796	TOMSK_4351	petrous
I6797	I6797	TOMSK_4352	petrous
I6792	I6792	TOMSK_4344	petrous
I6795	I6795	TOMSK_4350	petrous
I3769	I3769	BI-25	tooth
I4791	I4791	KZ-DJA-006	petrous
I4790	I4790	KZ-DJA-004	petrous
I4789	I4789	KZ-DJA-001 + KZ-DJA-002	petrous
I7060	I7060	KZ-DJA-005	tooth (molar)
I3861	I3861	BI No 22, Grave 4	tooth

I3788	I3788	BI (XIII-XI BCE) No 21	tooth
I3860	I3860	BI No 20, Grave 24, Section D	tooth
I7059	I7059	KZ-DJA-003	tooth (molar)
I8220	I8220	ALIG_3_2, Grave 3, Individual	petrous
I6671	I6671	SP27, site II, grave 235, indivi	petrous
S6670.E1.L1	I6670	SP26	petrous
I4634	I4634	SP13, site II, grave 168, indivi	petrous
I4635	I4635	SP14, site II, grave 167, indivi	petrous
I6669	I6669	SP25, site II, grave 256, indivi	petrous
I4259	I4259	UZ-PK-003, Parkhai, 117/2, 5(	petrous
I6668	I6668	SP24, site II, grave 265, Muse	petrous
I6667	I6667	SP23, site I, grave 28, Museur	petrous
I6674	I6674	SP33, site II, grave 267, Muse	petrous
I0944	I0944	StepVIIS-1, burial 17, skeletor	bone (phalanx)
I0945	I0945	StepVIIS-2, burial 17, skeletor	bone (rib)
I0946	I0946	StepVIIS-3, burial 17, skeletor	bone (rib)
I6294	I6294	41, Grachevka II 2/1	tooth
I7671	I7671	Bobrovka 1/1	petrous
I0244	I0244	SVP HB 62, Grachevka II 5/3	bone (phalanx), petrc
I7489	I7489	58, Utyevka V, 1/1	petrous
I6048	I6048	TOMSK_2125	petrous
I6891	I6891	DA-SIM0317-005, Grave 11	petrous
I6888	I6888	DA-ALI0317-001, T 29	petrous
I6893	I6893	DA-SIM0317-111, Grave 7, In	petrous
I6894	I6894	DA-SIM0317-114+DA-SIM031	petrous
I6896	I6896	DA-SIM0317-129, Grave 16, I	petrous
S7721.E1.L1	I7721	DA-SIM0317-066, Grave 1, In	petrous
S7718.E1.L1	I7718	DA-SIM0317-029, Grave 5	petrous
S7719.E1.L1	I7719	DA-SIM0317-037, Grave 3, In	petrous
S7720.E1.L1	I7720	DA-SIM0317-052, Grave 0, In	petrous
S7723.E1.L1	I7723	DA-SIM0317-084, Grave 4, In	petrous
S7717.E1.L1	I7717	DA-SIM0317-015, Grave 12, I	petrous
I2955	I2955	SSI G11 7, Grave 11, Individua	tooth
S7722.E1.L1	I7722	DA-SIM0317-077, Grave 2, In	petrous
I7420	I7420	UZ-ST-012	petrous
I7421	I7421	UZ-ST-002	petrous
I7494	I7494	UZ-ST-006	petrous
I4285	I4285	UZ-ST-003	petrous
I7419	I7419	UZ-ST-001	petrous
I7492	I7492	UZ-ST-008	petrous
I4286	I4286	UZ-ST-005	petrous

I4288	I4288	UZ-ST-015	petrous
I4289	I4289	UZ-ST-016	petrous
I7414	I7414	UZ-ST-007	petrous
I7416	I7416	UZ-ST-009	petrous
I7495	I7495	UZ-ST-004	petrous
I7542	I7542	UZ-ST-014	petrous
I7493	I7493	UZ-ST-010	petrous
I4290	I4290	UZ-SZ-001	petrous
I4910	I4910	UZ-SZ-002	petrous
I6799	I6799	TOMSK_4371, inv. 4371	petrous
S8724.E1.L1	I8724	SHAR_38, T.38B	petrous
S8725.E1.L1	I8725	SHAR_48, IRL G-48	petrous
S8726.E1.L1	I8726	SHAR_201, LS1, G201	petrous
S8728.E1.L1	I8728	SHAR_303C, T.303C	petrous
I1019	I1019	981	bone (long bone)
I1003	I1003	945	bone (long bone)
I0942	I0942	1012	bone (long bone)
I0986	I0986	995	bone (long bone)
I0989	I0989	1018	bone (long bone)
I1006	I1006	956	bone (long bone)
I1082	I1082	983	bone (long bone)
I1084	I1084	991	bone (long bone)
I1008	I1008	960	bone (long bone)
I1086	I1086	1005	bone (long bone)
I1065	I1065	1016	bone (long bone)
I1018	I1018	980	bone (long bone)
I1055	I1055	952	bone (long bone)
I1011	I1011	965, 966	bone (long bone)
I1012	I1012	967, 971	bone (rib)
I0937	I0937	937	bone (long bone)
I0938	I0938	939	bone (long bone)
I0939	I0939	948	bone (long bone)
I0943	I0943	1017	bone (long bone)
I1013	I1013	970	bone (long bone)
I1022	I1022	985	bone (long bone)
I1024	I1024	**993, 997**	bone (long bone)
I1060	I1060	968	bone (long bone)
I1061	I1061	969	bone (long bone)
I1062	I1062	975	bone (long bone)
I1063	I1063	1009	bone (long bone)
I1088	I1088	1011	bone (long bone)

I1089	I1089	1015	bone (long bone)
I1090	I1090	1024	bone (long bone)
I0982	I0982	979	bone (long bone)
I7480	I7480	39, Kamennyi Ambar, kurgan	petrous
I1064	I1064	1010	bone (long bone)
I1053	I1053	946	bone (long bone)
I1027	I1027	**1000, 1002, 1006**	bone (long bone)
I1029	I1029	1008	bone (long bone)
I0984	I0984	996, 992	bone (long bone)
I7670	I7670	Grachyevka I, kurgan 1, grave	tooth
I1010	I1010	964	bone (long bone)
I0940	I0940	950	bone (long bone)
I0985	I0985	994	bone (long bone)
I1054	I1054	949	bone (long bone)
I1007	I1007	957	bone (long bone)
I0980	I0980	972	bone (long bone)
I0983	I0983	986	bone (long bone)
I1017	I1017	978	bone (long bone)
I1057	I1057	954	bone (long bone)
I1020	I1020	982	bone (long bone)
I1056	I1056	953	bone (long bone)
I1058	I1058	955	bone (long bone)
I0941	I0941	973, 988	bone (long bone)
I1028	I1028	**976, 1003**	bone (long bone)
I3864	I3864	DI No 59, Kurgan 4, Grave 3 o	tooth
I0233	I0233	SVP HB 13, Novoselki K. 2, gr.	bone (long bone)
I6675	I6675	SP34, grave 16, Museum ID 7	petrous
I4787	I4787	KZ-UKZ-002, Grave (?) 1, KV E	petrous
I4794	I4794	KZ-TAL-001	petrous
I4087	I4087	ANAU3	petrous (CBD)
I4085	I4085	ANAU1	petrous (CBD)
I4086	I4086	ANAU2	petrous (CBD)
I2927	I2927	TH23-124, 33-23-124 (DF16 X	petrous
I2337	I2337	TH23-9, 33-23-9 (DG96 X 49)	tooth (molar)
I2923	I2923	TH16-51, 33-16-51 (CH95 X 1)	petrous
I2512	I2512	TH16-118, 33-16-118 (DF29 X	petrous
I2514	I2514	TH23-73, 33-23-73 (CS31 X 4)	petrous
I2513	I2513	TH23-13, 33-23-113 (DH06 X1	petrous
I2918	I2918	TH16-2, 33-16-2 (CG95 X 4)	bone (phalanx)
I2921	I2921	TH16-11, 33-16-11 (DG36 X 1	bone (phalanx)
I2922	I2922	TH16-12, 33-16-12 (DG36 X 1	bone (phalanx)

I2924	I2924	TH16-56, 33-16-56 (DF07 X 6)	petrous
I2925	I2925	TH16-110, 33-16-110 (DF19 X	petrous
I2928	I2928	TH23-205, 33-23-205 (DG11 X	petrous
I2335	I2335	TH16-4, 33-16-4 (CG95 X 7)	bone (phalanx)
S7725.E1.L1	I7725	DA-UDE0317-048, Grave 4, In	petrous
S8191.E1.L1	**I1799**	**UDG 53, Grave 9, Individual 1**	petrous
S8195.E1.L1	I8195	DA-UDE0317-055, Grave 5, In	petrous
S8194.E1.L1	I8194	DA-UDE0317-072, Grave C, In	petrous
S8190.E1.L1	**I1796**	**UDG 31, Grave 28, Individual**	petrous
S8192.E1.L1	I8192	DA-UDE0317-059, Grave 28, I	petrous
S8193.E1.L1	I8193	DA-UDE0317-071 Grave B, In	petrous
I3261	**I3261**	**UDG 3, Grave 27, Individual 2**	petrous
I1992	I1992	UDG 12, Grave 29, Individual	tooth
I6899	I6899	DA-UDE0317-024, Grave 1, In	petrous
I6900	I6900	DA-UDE0317-026, Grave 3, In	petrous
I1985	I1985	**UDG 34=UDG 39=DA-UDE031**	bone
I6198	I6198	**UDG 60, Grave 4, Individual 1**	petrous
I6897	I6897	DA-UDE0317-003, Grave 12, I	petrous
I6901	I6901	DA-UDE0317-032, Grave 6, In	petrous
I6195	I6195	**UDG 48, Grave 7, Individual 1**	tooth
I1796	I1796	UDG31, Grave 28, Individual 1	tooth
I1994	I1994	**UDG 38, Grave 10, Individual**	tooth
I3260	I3260	**UDG 2, Grave 28, Individual 2**	tooth
I3262	I3262	**UDG 5, Grave 26, Individual 2**	tooth + petrous
I6197	I6197	**UDG 58, Grave 4, Individual 2**	tooth
I6194	I6194	**UDG 45, Grave 5, Individual 2**	tooth
I1799	I1799	**UDG 53, Grave 9, Individual 1**	bone
I6707	I6707	SP36, 6037-3	petrous
I5766	I5766	Tomsk10	petrous
I1958	I1958	Tyumen1, Kurgan 1	petrous
I1960	I1960	Tyumen50, Kurgan 6	petrous
I3770	I3770	CII-52, stone fencing 90	tooth
I4295	I4295	KZ-KP-001, Цмк // кп27390 /	petrous
I4267	I4267	KZ-KP-004, Цмк // кп27390 /	petrous
I3976	I3976	CII No 43, stone fencing 1, ex	tooth
I3753	I3753	CII (VIII-VII BCE) No 51, stone	tooth
I3977	I3977	CII No 44, stone fencing 27	tooth
I3772	I3772	CII-56, stone fencing 34, Skel	tooth
I3763	I3763	CII-47, stone fencing 35, grav	tooth
I1949	I1949	GD37	petrous
I1945	I1945	GD16	petrous

I1944	I1944	GD14B	petrous
I1951	I1951	GD39	petrous
I0419	I0419	SVP27, Kurgan 6	bone (long bone)
I0246	I0246	SVP41, Kurgan 6	bone (long bone)
I0422	I0422	SVP30	bone (long bone)
I0232	I0232	SVP12	bone (long bone)
I0430	I0430	SVP39	bone (long bone)
I0431	I0431	SVP40	bone (long bone)
I0361	I0361	SVP9	bone (long bone)
I0358	I0358	SVP6	bone (long bone)
I0359	I0359	SVP7	bone (long bone)
I0424	I0424	SVP32	bone (long bone)
I0360	I0360	SVP8	bone (long bone)
I0421	I0421	SVP29	bone (long bone)
I0354	I0354	SVP1	bone (long bone)
S_Papuan-5.DG	HGDP00545	n/a (modern)	n/a (modern)
S_Papuan-6.DG	HGDP00547	n/a (modern)	n/a (modern)
S_Papuan-11.D	HGDP00555	n/a (modern)	n/a (modern)
S_Papuan-9.DG	S_Papuan-9	n/a (modern)	n/a (modern)
S_Papuan-3.DG	HGDP00541	n/a (modern)	n/a (modern)
S_Papuan-7.DG	HGDP00548	n/a (modern)	n/a (modern)
S_Papuan-8.DG	HGDP00549	n/a (modern)	n/a (modern)
S_Papuan-10.D	HGDP00553	n/a (modern)	n/a (modern)
S_Papuan-2.DG	HGDP00540	n/a (modern)	n/a (modern)
S_Papuan-12.D	HGDP00556	n/a (modern)	n/a (modern)
S_Papuan-4.DG	HGDP00543	n/a (modern)	n/a (modern)
S_Papuan-1.DG	HGDP00550	n/a (modern)	n/a (modern)
S_Papuan-13.D	HGDP00552	n/a (modern)	n/a (modern)
S_Papuan-14.D	HGDP00554	n/a (modern)	n/a (modern)
DevilsGate1.SG	DevilsGate1	DevilsGate1	tooth (molar)
BI16.SG	BI16	n/a (modern)	n/a (modern)
MA1.SG	MA1	Malta1	bone (long bone)
B_Australian-4.	B_Australian-4	n/a (modern)	n/a (modern)
B_Han-3.DG	HGDP00775	n/a (modern)	n/a (modern)
B_Karitiana-3.D	HGDP01015	n/a (modern)	n/a (modern)
B_Mbuti-4.DG	HGDP00982	n/a (modern)	n/a (modern)
B_Papuan-15.D	HGDP00546	n/a (modern)	n/a (modern)
B_Dai-4.DG	HGDP01308	n/a (modern)	n/a (modern)
Altai_publishec	Altai	Altai	bone (phalanx)
I7272	I7272	BRAN_23	petrous
I7279	I7279	BRAN_74	petrous

I7280	I7280	BRAN_78	petrous
mondal_BIR-14	BIR-14	n/a (modern)	n/a (modern)
mondal_BIR-08	BIR-08	n/a (modern)	n/a (modern)
mondal_BIR-15	BIR-15	n/a (modern)	n/a (modern)
mondal_BIR-18	BIR-18	n/a (modern)	n/a (modern)
mondal_BIR-16	BIR-16	n/a (modern)	n/a (modern)
mondal_BIR-11	BIR-11	n/a (modern)	n/a (modern)
mondal_BIR-12	BIR-12	n/a (modern)	n/a (modern)
mondal_BIR-13	BIR-13	n/a (modern)	n/a (modern)
mondal_BIR-22	BIR-22	n/a (modern)	n/a (modern)
mondal_IL-01.S	IL-01	n/a (modern)	n/a (modern)
mondal_IL-08.S	IL-08	n/a (modern)	n/a (modern)
mondal_IL-07.S	IL-07	n/a (modern)	n/a (modern)
mondal_IL-09.S	IL-09	n/a (modern)	n/a (modern)
mondal_IL-10.S	IL-10	n/a (modern)	n/a (modern)
mondal_IL-11.S	IL-11	n/a (modern)	n/a (modern)
mondal_IL-12.S	IL-12	n/a (modern)	n/a (modern)
mondal_IL-04.S	IL-04	n/a (modern)	n/a (modern)
mondal_IL-15.S	IL-15	n/a (modern)	n/a (modern)
mondal_IL-16.S	IL-16	n/a (modern)	n/a (modern)
mondal_JAR-32	JAR-32	n/a (modern)	n/a (modern)
mondal_JAR-27	JAR-27	n/a (modern)	n/a (modern)
mondal_JAR-54	JAR-54	n/a (modern)	n/a (modern)
mondal_JAR-61	JAR-61	n/a (modern)	n/a (modern)
mondal_ONG-1	ONG-1	n/a (modern)	n/a (modern)
mondal_ONG-1	ONG-12	n/a (modern)	n/a (modern)
mondal_ONG-1	ONG-14	n/a (modern)	n/a (modern)
mondal_ONG-8	ONG-8	n/a (modern)	n/a (modern)
mondal_ONG-4	ONG-4	n/a (modern)	n/a (modern)
mondal_ONG-9	ONG-9	n/a (modern)	n/a (modern)
mondal_PRBB-2	PRBB-2	n/a (modern)	n/a (modern)
mondal_RAI-4.S	RAI-4	n/a (modern)	n/a (modern)
mondal_RAI-15	RAI-15	n/a (modern)	n/a (modern)
mondal_RAI-8.S	RAI-8	n/a (modern)	n/a (modern)
mondal_RAI-2.S	RAI-2	n/a (modern)	n/a (modern)
mondal_RAI-12	RAI-12	n/a (modern)	n/a (modern)
mondal_RAI-13	RAI-13	n/a (modern)	n/a (modern)
mondal_RAI-11	RAI-11	n/a (modern)	n/a (modern)
mondal_RAI-9.S	RAI-9	n/a (modern)	n/a (modern)
mondal_RAI-3.S	RAI-3	n/a (modern)	n/a (modern)
mondal_RAI-5.S	RAI-5	n/a (modern)	n/a (modern)

mondal_RIA-45	RIA-45	n/a (modern)	n/a (modern)
mondal_RIA-14	RIA-14	n/a (modern)	n/a (modern)
mondal_RIA-41	RIA-41	n/a (modern)	n/a (modern)
mondal_RIA-12	RIA-12	n/a (modern)	n/a (modern)
mondal_RIA-24	RIA-24	n/a (modern)	n/a (modern)
mondal_RIA-63	RIA-63	n/a (modern)	n/a (modern)
mondal_RIA-19	RIA-19	n/a (modern)	n/a (modern)
mondal_RIA-20	RIA-20	n/a (modern)	n/a (modern)
mondal_RIA-23	RIA-23	n/a (modern)	n/a (modern)
mondal_RIA-42	RIA-42	n/a (modern)	n/a (modern)
Denisova_publi	Denisova	Denisova	bone (phalanx)
A_Han-4.DG	A_Han-4	n/a (modern)	n/a (modern)
A_Karitiana-4.D	A_Karitiana-4	n/a (modern)	n/a (modern)
A_Mbuti-5.DG	A_Mbuti-5	n/a (modern)	n/a (modern)
A_Papuan-16.D	A_Papuan-16	n/a (modern)	n/a (modern)
A_Dai-5.DG	A_Dai-5	n/a (modern)	n/a (modern)
I4916	I4916	HJDK_31	petrous
I4915	I4915	HJDK_21	petrous
I5402	I5402	HJDK_15(1)	tooth (molar)
I4914	I4914	HJDK_19-20(1)	petrous
I5401	I5401	HJDK_8	tooth (molar)
I4917	I4917	HJDK_33	petrous
I5407	I5407	LEPI_126	tooth (incisor)
I4081	I4081	OSTCOR1a+OSTCOR1b	tooth (premolar)
I4582	I4582	OSTCOR_32	petrous
I5240	I5240	PADN_22	petrous
I5237	I5237	PADN_14	petrous
I5235	I5235	PADN_9	petrous
I5236	I5236	PADN_12	petrous
I5244	I5244	PADN_18b	petrous
I5242	I5242	PADN_26	petrous
I5239	I5239	PADN_17	petrous
I5238	I5238	PADN_16a	petrous
I5234	I5234	PADN_6	petrous
I5233	I5233	PADN_5	petrous
I4607	I4607	SCCL_46/1	bone (long bone)
I4655	I4655	SCCL_50	bone (long bone)
I5411	I5411	SCCL_12	tooth (molar)
I5772	I5772	VLSC_16	tooth (molar)
I4878	I4878	VLSC_U21	petrous
I5773	I5773	VLSC_17	tooth (molar)

I4870	I4870	VLSC_45	tooth (molar)
I5771	I5771	VLSC_6	tooth (molar)
I4881	I4881	VLSC_U64	petrous
I4880	I4880	VLSC_U62	petrous
I4657	I4657	VLSC_1G/3	bone
I4660	I4660	VLSC_51B	bone (long bone)
I4874	I4874	VLSC_H232	petrous
I4877	I4877	VLSC_H327	petrous
I4875	I4875	VLSC_H267	petrous
I4876	I4876	VLSC_H317	petrous
I4871	I4871	VLSC_80A	tooth (molar)
I4872	I4872	VLSC_9	tooth (molar)
I4873	I4873	VLSC_H53	petrous
I4630	I4630	ZVEJ30	petrous
I4432	I4432	ZVEJ10, Burial 67	petrous
I4439	I4439	ZVEJ20	petrous
I4434	I4434	ZVEJ12, Burial 128	petrous
I4628	I4628	ZVEJ27	petrous
I4596	I4596	ZVEJ9, Burial 49	petrous
I4553	I4553	ZVEJ7, Burial 98	petrous
I4551	I4551	ZVEJ4, Burial 108	petrous
I4438	I4438	ZVEJ16, Burial 224	petrous
I4440	I4440	ZVEJ21, Burial 197	petrous
I4441	I4441	ZVEJ22, Burial 173	petrous
I4550	I4550	ZVEJ3, Burial 52	petrous
I4626	I4626	ZVEJ25	petrous
I4632	I4632	ZVEJ32, HG1	petrous
I4595	I4595	ZVEJ8, Grave 99	petrous
I4552	I4552	ZVEJ5, Burial 117	petrous
I5068	I5068	KH40	petrous
I5069	I5069	KH55	petrous
I5204	I5204	SCH14/2	petrous
I5070	I5070	SCH1	petrous
I5207	I5207	SCH4	petrous
I5205	I5205	SCH2	petrous
I5206	I5206	SCH3	petrous
I5208	I5208	SCH5	petrous
I3151	I3151	6 V6a-H6	tooth and bone (cran
I2111	I2111	5.V5a-H5	bone (cranial)
I1926	I1926	1V1a-H1	tooth
I2110	I2110	4.V4a-H4	bone (cranial)

I5890	I5890	Mos51, Grave 87, 275	tooth
I5883	I5883	Mos41, Grave 39, 234	tooth
I3718	I3718	Mos52 Grave 86 (also Mos36,	tooth
I5893	I5893	Mos62, Grave 93, 300	tooth
I5891	I5891	Mos58, Grave 18, ?	tooth
I5875	I5875	Mos34, Grave 53, 249	tooth
I5886	I5886	Mos46, Grave 12, 207	tooth
I3717	I3717	Mos49, Grave 46, 242	tooth
I4112	I4112	Mos61, Grave 1, 196	tooth
I5881	I5881	Mos39, Grave 20, 215	tooth
I4114	I4114	Mos64, Grave 103, 290	tooth
I5892	I5892	Mos59, Grave 33, 280	tooth
I5889	I5889	Mos50, Grave 109, 296	tooth
I4111	I4111	Mos60, Grave 123, 307	tooth
I1734	I1734	StPet7, site 4, collection 6285	petrous
I1736	I1736	StPet11, site 8, collection 11/	petrous
I3712	I3712	Mos21, 130, H266, grave 35	tooth
I3715	I3715	Mos27, Grave9, 111	tooth
I5870	I5870	Mos16, Grave 32, 128	tooth (molar)
I5868	I5868	Mos11, Grave 27, 122 (or is it	tooth
I5872	I5872	Mos25, Grave26, 121	tooth (molar)
I5957	I5957	Mos30, Grave 10, 112	tooth
I3713	I3713	Mos23, 104, H268, grave 1	tooth
I3716	I3716	Mos28, 120, H273, grave 25	tooth
I3714	I3714	Mos24, Grave28, 124	tooth
I5873	I5873	Mos32, Grave 14, 114	tooth
I6133	I6133	Mos31, Grave 13, 113	tooth
I1738	I1738	StPet4, collection 7/1/04	petrous
I1732	I1732	StPet3, collection 7/1/04	petrous
I2105	I2105	Yamna4	petrous
I3141	I3141	Yamna 5	tooth (molar)
I1917	I1917	Yamna1	tooth (molar)
I1579	I1579	M13-72	petrous
I1585	I1585	M11-59	petrous
I1497	I1497	HUNG353, CO1	petrous
I0585	I0585	LaBrana1	tooth
I0061	I0061	UzOO74	tooth
I0795	I0795	KAR6	tooth
I0054	I0054	UWS4	petrous
I0022	I0022	LBK1976	tooth (premolar)
I0025	I0025	LBK1992	tooth (molar)

I0026	I0026	LBK2155	tooth (molar)
I0124	I0124	SVP44	bone (long bone)
I0231	I0231	SVP3	bone (long bone)
I0370	I0370	SVP10	bone (long bone)
I0441	I0441	SVP54	bone (long bone)
I0444	I0444	SVP58, Site I	bone (long bone)
I0439	I0439	SVP52, Kurgan I	bone (long bone)
I0443	I0443	SVP57, Kurgan II	bone (long bone)
I0429	I0429	SVP38, Kurgan I	bone (long bone)
I0357	I0357	SVP5, Kurgan I	bone (long bone)
I0438	I0438	SVP50	bone (long bone)
I1097	I1097	BAR271 / M10-271	..
I1102	I1102	M11-354	..
I1099	I1099	L11-S-488	..
I1103	I1103	M11-S-350	..
I1583	I1583	L14-200	petrous
I0744	I0744	M10-275	petrous
I0746	I0746	L11-322	petrous
I1101	I1101	M11-352a	..
I0745	I0745	M11-363	petrous
I0709	I0709	BAR20/ M13-170	petrous
I1096	I1096	BAR26 / M10-76	..
I0708	I0708	BAR6 / L11-439	petrous
I0736	I0736	L11-216	petrous
I1100	I1100	M11-351	..
I1098	I1098	BAR99 / M10-352	..
I1581	I1581	L12-502	petrous
I1580	I1580	L12-393	petrous
I0724	I0724	T2 / UP	tooth
I0723	I0723	T1, M229 / UH	tooth
I0727	I0727	M24 / UA JK 16	..
I0725	I0725	T4 / SSK15	tooth
I0726	I0726	M15, M15.2, M15.2 / UF	tooth (incisor)
I0211	I0211	UzOO40	tooth
I0122	I0122	SVP35	bone (long bone)
I0434	I0434	SVP47	bone (long bone)
I0433	I0433	SVP46	bone (long bone)
I0797	I0797	KAR16A	tooth
I0371	I0371	SVP11, 40.1, Grachevka II 1/1	bone (long bone)
I0126	I0126	SVP51, Site III	bone (long bone)
I0440	I0440	SVP53, Kurgan II	bone (long bone)

I0374	I0374	SVP16, NIK7	bone (long bone)
I0432	I0432	SVP42	bone (long bone)
I0418	I0418	SVP24, Kurgan 4	bone (long bone)
I0234	I0234	SVP25	bone (long bone)
I0235	I0235	SVP26	bone (long bone)
S_Ami-1.DG	NA13607	n/a (modern)	n/a (modern)
S_Ami-2.DG	NA13616	n/a (modern)	n/a (modern)
S_Atayal-1.DG	NA13604	n/a (modern)	n/a (modern)
B_Australian-3.	B_Australian-3	n/a (modern)	n/a (modern)
S_Balochi-1.DG	HGDP00090	n/a (modern)	n/a (modern)
S_Balochi-2.DG	S_Balochi-2	n/a (modern)	n/a (modern)
S_Brahmin-2.D	S_Brahmin-2	n/a (modern)	n/a (modern)
S_Brahmin-1.D	S_Brahmin-1	n/a (modern)	n/a (modern)
S_Brahui-2.DG	HGDP00019	n/a (modern)	n/a (modern)
S_Brahui-1.DG	HGDP00027	n/a (modern)	n/a (modern)
S_Burusho-1.D	HGDP00428	n/a (modern)	n/a (modern)
S_Burusho-2.D	HGDP00338	n/a (modern)	n/a (modern)
S_Chukchi-1.D	S_Chukchi-1	n/a (modern)	n/a (modern)
S_Han-2.DG	HGDP00785	n/a (modern)	n/a (modern)
S_Han-1.DG	HGDP00783	n/a (modern)	n/a (modern)
S_Irula-2.DG	S_Irula-2	n/a (modern)	n/a (modern)
S_Irula-1.DG	S_Irula-1	n/a (modern)	n/a (modern)
S_Kapu-1.DG	S_Kapu-1	n/a (modern)	n/a (modern)
S_Kapu-2.DG	S_Kapu-2	n/a (modern)	n/a (modern)
S_Karitiana-1.D	HGDP01012	n/a (modern)	n/a (modern)
S_Karitiana-2.D	HGDP01018	n/a (modern)	n/a (modern)
BR_Kashmiri_P	BR_Kashmiri_Pand	n/a (modern)	n/a (modern)
S_Madiga-2.DG	S_Madiga-2	n/a (modern)	n/a (modern)
S_Madiga-1.DG	S_Madiga-1	n/a (modern)	n/a (modern)
S_Mala-3.DG	S_Mala-3	n/a (modern)	n/a (modern)
S_Mala-2.DG	S_Mala-2	n/a (modern)	n/a (modern)
BR_Mala-1.DG	BR_Mala-1	n/a (modern)	n/a (modern)
S_Mbuti-3.DG	HGDP00449	n/a (modern)	n/a (modern)
S_Mbuti-1.DG	HGDP00474	n/a (modern)	n/a (modern)
S_Mbuti-2.DG	HGDP00476	n/a (modern)	n/a (modern)
BR_Onge-1.DG	Onge14	n/a (modern)	n/a (modern)
BR_Onge-2.DG	Onge3	n/a (modern)	n/a (modern)
S_Pathan-1.DG	HGDP00216	n/a (modern)	n/a (modern)
S_Pathan-2.DG	HGDP00232	n/a (modern)	n/a (modern)
S_Punjabi-1.DG	HG02724	n/a (modern)	n/a (modern)
S_Punjabi-2.DG	HG02783	n/a (modern)	n/a (modern)

S_Punjabi-3.DG	HG02790	n/a (modern)	n/a (modern)
S_Punjabi-4.DG	S_Punjabi-4	n/a (modern)	n/a (modern)
S_Relli-2.DG	S_Relli-2	n/a (modern)	n/a (modern)
S_Relli-1.DG	S_Relli-1	n/a (modern)	n/a (modern)
S_Sindhi-1.DG	HGDP00208	n/a (modern)	n/a (modern)
S_Sindhi-2.DG	HGDP00195	n/a (modern)	n/a (modern)
S_Bengali-1.DG	HG03006	n/a (modern)	n/a (modern)
S_Bengali-2.DG	HG03007	n/a (modern)	n/a (modern)
S_Dai-2.DG	HGDP01312	n/a (modern)	n/a (modern)
S_Dai-1.DG	HGDP01314	n/a (modern)	n/a (modern)
S_Dai-3.DG	HGDP01315	n/a (modern)	n/a (modern)
BR_Kharia-1.DG	stockplate15_D7	n/a (modern)	n/a (modern)
BR_Kurumba-1	BR_Kurumba-1	n/a (modern)	n/a (modern)
S_Kusunda-2.D	Kusunda15	n/a (modern)	n/a (modern)
S_Kusunda-1.D	Kusunda02	n/a (modern)	n/a (modern)
S_Makrani-1.DG	HGDP00160	n/a (modern)	n/a (modern)
S_Makrani-2.DG	HGDP00157	n/a (modern)	n/a (modern)
mota.SG	I5950	Mota	petrous
I0018	I0018	Stuttgart	tooth
I0056	I0056	HAL14	tooth
I0100	I0100	HAL4	tooth
I0048	I0048	HAL25	tooth
I0659	I0659	HAL2	tooth
I0821	I0821	HAL24	tooth
I1550	I1550	HAL19	tooth
I0057	I0057	HAL34	bone
I0046	I0046	HAL5	tooth
I2371	I2371	GEN17a	petrous
I2370	I2370	GEN16a	petrous
I2752	I2752	GEN21	petrous
I2754	I2754	GEN23	petrous
I2755	I2755	GEN24	petrous
I2753	I2753	GEN22	petrous
I2367	I2367	GEN13a	petrous
I2366	I2366	GEN12a	petrous
I2369	I2369	GEN15a	petrous
I2368	I2368	GEN14a	petrous
I2785	I2785	GEN55	petrous
I2763	I2763	Vors1	tooth (molar)
I2014	I2014	HAL15a	tooth
I2021	I2021	HAL21a	tooth

I2026	I2026	HAL27a	bone
I2037	I2037	HAL39b	tooth
I2029	I2029	HAL31a	tooth
I2017	I2017	HAL18a	tooth
I2022	I2022	HAL22b	tooth
I2030	I2030	HAL32b	tooth
I2032	I2032	HAL35b	tooth
I2036	I2036	HAL38a	tooth
I2038	I2038	HAL40a	bone
I2008	I2008	HAL07a	tooth
I1584	I1584	M10-111, UN_L11	petrous
I1634	I1634	AR1/44	petrous
I1632	I1632	AR1/46	petrous
I1407	I1407	ARE12.1	tooth (molar)
I1631	I1631	AR1/43C	petrous
I1409	I1409	ARE20	..
I1635	I1635	KA1/12	petrous
I1633	I1633	KA1/14	petrous
I1658	I1658	TA3/R8, Talin tomb 115	petrous
I1290	I1290	GD13A	petrous
I1293	I1293	HotuJ, Hotu cave, Mesolithic	petrous
I1674	I1674	SG21	petrous
I1662	I1662	SG7	petrous
I1670	I1670	SG11	petrous
I1661	I1661	SG16	petrous
I1665	I1665	SG19	petrous
I1671	I1671	SG2	petrous
Bichon.SG	Bichon	Bichon	petrous
KK1.SG	KK1	Kotias	tooth
SATP.SG	SATP	Satsurblia	petrous
Chimp.REF	Chimp	n/a (modern)	n/a (modern)
AfontovaGora3	AfontovaGora3	AfontovaGora3	tooth
ElMiron_d	ElMiron	ElMiron	bone (phalanx)
GoyetQ116-1_	GoyetQ116-1	GoyetQ116-1	bone (long bone)
Kostenki14	Kostenki14	Kostenki14	bone (long bone)
Vestonice16	Vestonice16	Vestonice16	bone (long bone)
Villabruna	Villabruna	Villabruna	bone (long bone)
Ust_Ishim_pub	Ust_Ishim	UstIshim	bone (long bone)
AH2.SG	AH2	19001-SK#1	petrous
AH4.SG	AH4	10035	petrous
AH1.SG	AH1	13030	petrous

WC1.SG	WC1	n-10	petrous
RISE515.SG	RISE515	7053-1	bone
RISE516.SG	RISE516	7053-2	bone
RISE550.SG	RISE550	Kurgan 1, grave 3	tooth
RISE240.SG	RISE240	kurgan 1, grave 11	tooth
RISE546.SG	RISE546	Kurgan 1, grave 13	tooth
RISE547.SG	RISE547	Kurgan 1, grave 9	tooth
RISE548.SG	RISE548	Kurgan 1, grave 6	tooth
RISE552.SG	RISE552	Kurgan 4, grave 8	tooth
HG03850.SG	HG03850	n/a (modern)	n/a (modern)
HG03846.SG	HG03846	n/a (modern)	n/a (modern)
HG03738.SG	HG03738	n/a (modern)	n/a (modern)
HG03755.SG	HG03755	n/a (modern)	n/a (modern)
HG04006.SG	HG04006	n/a (modern)	n/a (modern)
HG03644.SG	HG03644	n/a (modern)	n/a (modern)
HG03646.SG	HG03646	n/a (modern)	n/a (modern)
HG03745.SG	HG03745	n/a (modern)	n/a (modern)
HG03950.SG	HG03950	n/a (modern)	n/a (modern)
HG03985.SG	HG03985	n/a (modern)	n/a (modern)
HG03991.SG	HG03991	n/a (modern)	n/a (modern)
HG03848.SG	HG03848	n/a (modern)	n/a (modern)
HG04033.SG	HG04033	n/a (modern)	n/a (modern)
HG03680.SG	HG03680	n/a (modern)	n/a (modern)
HG03837.SG	HG03837	n/a (modern)	n/a (modern)
HG03697.SG	HG03697	n/a (modern)	n/a (modern)
HG03890.SG	HG03890	n/a (modern)	n/a (modern)
HG04003.SG	HG04003	n/a (modern)	n/a (modern)
HG04107.SG	HG04107	n/a (modern)	n/a (modern)
HG03693.SG	HG03693	n/a (modern)	n/a (modern)
HG03854.SG	HG03854	n/a (modern)	n/a (modern)
HG03851.SG	HG03851	n/a (modern)	n/a (modern)
HG03696.SG	HG03696	n/a (modern)	n/a (modern)
HG03998.SG	HG03998	n/a (modern)	n/a (modern)
HG04210.SG	HG04210	n/a (modern)	n/a (modern)
HG03686.SG	HG03686	n/a (modern)	n/a (modern)
HG03746.SG	HG03746	n/a (modern)	n/a (modern)
HG03885.SG	HG03885	n/a (modern)	n/a (modern)
HG03953.SG	HG03953	n/a (modern)	n/a (modern)
HG03990.SG	HG03990	n/a (modern)	n/a (modern)
HG04100.SG	HG04100	n/a (modern)	n/a (modern)
HG03672.SG	HG03672	n/a (modern)	n/a (modern)

HG03695.SG	HG03695	n/a (modern)	n/a (modern)
HG03753.SG	HG03753	n/a (modern)	n/a (modern)
HG03900.SG	HG03900	n/a (modern)	n/a (modern)
HG03681.SG	HG03681	n/a (modern)	n/a (modern)
HG03943.SG	HG03943	n/a (modern)	n/a (modern)
HG03750.SG	HG03750	n/a (modern)	n/a (modern)
HG03899.SG	HG03899	n/a (modern)	n/a (modern)
HG04039.SG	HG04039	n/a (modern)	n/a (modern)
HG03679.SG	HG03679	n/a (modern)	n/a (modern)
HG03694.SG	HG03694	n/a (modern)	n/a (modern)
HG03896.SG	HG03896	n/a (modern)	n/a (modern)
HG03685.SG	HG03685	n/a (modern)	n/a (modern)
HG03711.SG	HG03711	n/a (modern)	n/a (modern)
HG03744.SG	HG03744	n/a (modern)	n/a (modern)
HG04229.SG	HG04229	n/a (modern)	n/a (modern)
HG03687.SG	HG03687	n/a (modern)	n/a (modern)
HG03740.SG	HG03740	n/a (modern)	n/a (modern)
HG03743.SG	HG03743	n/a (modern)	n/a (modern)
HG03887.SG	HG03887	n/a (modern)	n/a (modern)
HG03999.SG	HG03999	n/a (modern)	n/a (modern)
HG03844.SG	HG03844	n/a (modern)	n/a (modern)
HG03856.SG	HG03856	n/a (modern)	n/a (modern)
HG03691.SG	HG03691	n/a (modern)	n/a (modern)
HG03642.SG	HG03642	n/a (modern)	n/a (modern)
HG03643.SG	HG03643	n/a (modern)	n/a (modern)
HG03645.SG	HG03645	n/a (modern)	n/a (modern)
HG03673.SG	HG03673	n/a (modern)	n/a (modern)
HG03684.SG	HG03684	n/a (modern)	n/a (modern)
HG03689.SG	HG03689	n/a (modern)	n/a (modern)
HG03690.SG	HG03690	n/a (modern)	n/a (modern)
HG03692.SG	HG03692	n/a (modern)	n/a (modern)
HG03698.SG	HG03698	n/a (modern)	n/a (modern)
HG03733.SG	HG03733	n/a (modern)	n/a (modern)
HG03736.SG	HG03736	n/a (modern)	n/a (modern)
HG03741.SG	HG03741	n/a (modern)	n/a (modern)
HG03752.SG	HG03752	n/a (modern)	n/a (modern)
HG03754.SG	HG03754	n/a (modern)	n/a (modern)
HG03756.SG	HG03756	n/a (modern)	n/a (modern)
HG03757.SG	HG03757	n/a (modern)	n/a (modern)
HG03760.SG	HG03760	n/a (modern)	n/a (modern)
HG03836.SG	HG03836	n/a (modern)	n/a (modern)

HG03838.SG	HG03838	n/a (modern)	n/a (modern)
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HG03858.SG	HG03858	n/a (modern)	n/a (modern)
HG03884.SG	HG03884	n/a (modern)	n/a (modern)
HG03886.SG	HG03886	n/a (modern)	n/a (modern)
HG03888.SG	HG03888	n/a (modern)	n/a (modern)
HG03894.SG	HG03894	n/a (modern)	n/a (modern)
HG03895.SG	HG03895	n/a (modern)	n/a (modern)
HG03897.SG	HG03897	n/a (modern)	n/a (modern)
HG03898.SG	HG03898	n/a (modern)	n/a (modern)
HG03944.SG	HG03944	n/a (modern)	n/a (modern)
HG03945.SG	HG03945	n/a (modern)	n/a (modern)
HG03947.SG	HG03947	n/a (modern)	n/a (modern)
HG03948.SG	HG03948	n/a (modern)	n/a (modern)
HG03949.SG	HG03949	n/a (modern)	n/a (modern)
HG03951.SG	HG03951	n/a (modern)	n/a (modern)
HG03955.SG	HG03955	n/a (modern)	n/a (modern)
HG03986.SG	HG03986	n/a (modern)	n/a (modern)
HG03989.SG	HG03989	n/a (modern)	n/a (modern)
HG03995.SG	HG03995	n/a (modern)	n/a (modern)
HG04029.SG	HG04029	n/a (modern)	n/a (modern)
HG04035.SG	HG04035	n/a (modern)	n/a (modern)
HG04038.SG	HG04038	n/a (modern)	n/a (modern)
HG04042.SG	HG04042	n/a (modern)	n/a (modern)
HG04047.SG	HG04047	n/a (modern)	n/a (modern)
HG04075.SG	HG04075	n/a (modern)	n/a (modern)
HG04099.SG	HG04099	n/a (modern)	n/a (modern)
HG04106.SG	HG04106	n/a (modern)	n/a (modern)
HG04227.SG	HG04227	n/a (modern)	n/a (modern)

LibraryID(s)	Data type	Study in which 14C date(s) was published	Study in which DNA was published
S6713.E1.L1	1240K.capture	n/a (no date)	This study
S6715.E1.L1	1240K.capture	n/a (no date)	This study
S3388.E1.L2	1240K.capture	n/a (no date)	This study
S3950.E1.L1	1240K.capture	This study	This study
S3952.E1.L1,S3953.E1.L1	1240K.capture	This study	This study
S3954.E1.L1	1240K.capture	This study	This study
S1829.E1.L1	1240K.capture	This study	This study
S6711.E1.L1	1240K.capture	n/a (no date)	This study
S3387.E1.L3,S6164.E1.L1	1240K.capture	n/a (no date)	This study
S6712.E1.L1	1240K.capture	n/a (no date)	This study
S5269.E1.L1	1240K.capture	This study	This study
S5270.E1.L1	1240K.capture	This study	This study
S5271.E1.L1	1240K.capture	This study	This study
S5277.E1.L1	1240K.capture	This study	This study
S5272.E1.L1	1240K.capture	This study	This study
S2069.E1.L1	1240K.capture	This study	This study
S5273.E1.L1	1240K.capture	This study	This study
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S3951.E1.L1	1240K.capture	This study	This study
S6714.E1.L1	1240K.capture	n/a (no date)	This study
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S3767.E1.L1	1240K.capture	This study	This study
S4773.E1.L1	1240K.capture	This study	This study
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S4264.E1.L1	1240K.capture	This study	This study
S8246.E1.L1	1240K.capture	n/a (no date)	This study
S8245.E1.L1	1240K.capture	n/a (no date)	This study
S8219.E1.L1	1240K.capture	n/a (no date)	This study
S6823.E1.L1	1240K.capture	n/a (no date)	This study
S6557.E1.L1	1240K.capture	n/a (no date)	This study
S6548.E1.L1	1240K.capture	n/a (no date)	This study
S6545.E1.L1	1240K.capture	This study	This study
S6546.E1.L1	1240K.capture	This study	This study

S6547.E1.L1	1240K.capture	n/a (no date)	This study
S2312.E1.L1	1240K.capture	n/a (no date)	This study
S4156.E1.L1	1240K.capture	n/a (no date)	This study
S4899.E1.L1	1240K.capture	n/a (no date)	This study
S4157.E1.L1	1240K.capture	n/a (no date)	This study
S4159.E1.L1	1240K.capture	n/a (no date)	This study
S5604.E1.L1	1240K.capture	This study	This study
S5605.E1.L1	1240K.capture	n/a (no date)	This study
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S3447.E1.L1	1240K.capture	This study	This study
S0507.E1.L1	1240K.capture	..	This study
S1932.E1.L1,S1931.E1.L1	1240K.capture	..	This study
S3448.E1.L1,S3448.E1.L3,S3448.E1	1240K.capture	..	This study
L5082	1240K.capture	DoukaJHulEvol2017	This study
S4160.E1.L1	1240K.capture	n/a (no date)	This study
S4257.E1.L1	1240K.capture	This study	This study
S4258.E1.L1	1240K.capture	This study	This study
S4315.E1.L1	1240K.capture	This study	This study
S4161.E1.L1	1240K.capture	n/a (no date)	This study
S4163.E1.L1	1240K.capture	This study	This study
S4312.E1.L1	1240K.capture	This study	This study
S4313.E1.L1	1240K.capture	This study	This study
S7411.E1.L1	1240K.capture	This study	This study
S7412.E1.L1	1240K.capture	This study	This study
S4314.E1.L1	1240K.capture	This study	This study
S4901.E1.L1	1240K.capture	n/a (no date)	This study
S5608.E1.L1	1240K.capture	n/a (no date)	This study
S1947.E1.L1,S1947.E1.L2,S1947.E1	1240K.capture	MeiklejohnJournalAr	This study
S1954.E1.L1,S1954.E1.L2,S1954.E1	1240K.capture	MeiklejohnJournalAr	This study
S7527.E1.L1	1240K.capture	n/a (no date)	This study
S1946.E1.L2,S1946.E1.L3	1240K.capture	n/a (no date)	This study
S1952.E1.L1,S1952.E1.L2	1240K.capture	MeiklejohnJournalOf	This study
S8527.E1.L1	1240K.capture	n/a (no date)	This study
S8524.E1.L1	1240K.capture	n/a (no date)	This study
S8504.E1.L1	1240K.capture	n/a (no date)	This study
S8529.E1.L1	1240K.capture	n/a (no date)	This study
S8526.E1.L1	1240K.capture	n/a (no date)	This study
S8510.E1.L1	1240K.capture	n/a (no date)	This study

S8528.E1.L1	1240K.capture	n/a (no date)	This study
S8530.E1.L1	1240K.capture	n/a (no date)	This study
S8532.E1.L1	1240K.capture	n/a (no date)	This study
S8534.E1.L1	1240K.capture	n/a (no date)	This study
S8505.E1.L1	1240K.capture	n/a (no date)	This study
S8502.E1.L1	1240K.capture	n/a (no date)	This study
S6119.E1.L1	1240K.capture	This study	This study
S2085.E1.L1,S2085.E1.L2,S2085.E1	1240K.capture	This study	This study
S2128.E1.L1,S2128.E1.L2,S2128.E1	1240K.capture	This study	This study
S1784.E1.L1	1240K.capture	This study	This study
S2087.E1.L1,S2087.E1.L2,S2087.E1	1240K.capture	This study	This study
S1781.E1.L1,S1781.E1.L2,S1781.E1	1240K.capture	This study	This study
S1782.E1.L1,S1782.E1.L2,S1782.E1	1240K.capture	This study	This study
S1787.E1.L1,S1787.E1.L2	1240K.capture	This study	This study
S1788.E1.L1,S1788.E1.L2,S1788.E1	1240K.capture	This study	This study
S1790.E1.L1,S1790.E1.L2,S1790.E1	1240K.capture	This study	This study
S1793.E1.L1,S1793.E1.L2,S1793.E1	1240K.capture	This study	This study
S2116.E1.L1,S2116.E1.L2,S2116.E1	1240K.capture	This study	This study
S2121.E1.L1,S2121.E1.L2,S2121.E1	1240K.capture	This study	This study
S2125.E1.L1,S2125.E1.L2,S2125.E1	1240K.capture	This study	This study
S3374.E1.L1,S3374.E1.L2,S3374.E1	1240K.capture	This study	This study
S6124.E1.L1	1240K.capture	This study	This study
S6217.E1.L1	1240K.capture	This study	This study
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S6122.E1.L1	1240K.capture	n/a (no date)	This study
S6310.E1.L1	1240K.capture	n/a (no date)	This study
S6318.E1.L1	1240K.capture	n/a (no date)	This study
S7173.E1.L1	1240K.capture	n/a (no date)	This study
S6120.E1.L1	1240K.capture	n/a (no date)	This study
S7101.E1.L1	1240K.capture	n/a (no date)	This study
S6312.E1.L1	1240K.capture	n/a (no date)	This study
S7170.E1.L1	1240K.capture	n/a (no date)	This study
S6127.E1.L1	1240K.capture	n/a (no date)	This study
S3365.E1.L2	1240K.capture	n/a (no date)	This study
S6125.E1.L1	1240K.capture	n/a (no date)	This study
S6126.E1.L1	1240K.capture	n/a (no date)	This study
S6218.E1.L1	1240K.capture	n/a (no date)	This study
S7102.E1.L1	1240K.capture	n/a (no date)	This study
S7171.E1.L1	1240K.capture	n/a (no date)	This study
S1792.E1.L1,S1792.E1.L2,S1792.E1	1240K.capture	This study	This study
S1783.E1.L2,S1783.E1.L3	1240K.capture	This study	This study

S1789.E1.L1,S1789.E1.L2,S1789.E1	1240K.capture	This study	This study
S2122.E1.L1,S2122.E1.L2,S2122.E1	1240K.capture	This study	This study
S6117.E1.L1	1240K.capture	n/a (no date)	This study
S2123.E1.L1,S2123.E1.L2,S2123.E1	1240K.capture	This study	This study
S4243.E1.L2	1240K.capture	This study	This study
S2328.E1.L2,S2328.E1.L3,S2328.E1	1240K.capture	This study	This study
S4241.E1.L2	1240K.capture	This study	This study
S4349.E1.L1,S4352.E1.L1	1240K.capture	This study	This study
S2327.E1.L2,S2327.E1.L3,S2327.E1	1240K.capture	n/a (no date)	This study
S2323.E1.L2,S2323.E1.L3,S2323.E1	1240K.capture	This study	This study
S4351.E1.L1	1240K.capture	This study	This study
S4567.E1.L1,S4567.E1.L2,S4567.E1	1240K.capture	This study	This study
S4568.E1.L1,S4568.E1.L2,S4568.E1	1240K.capture	This study	This study
S4318.E1.L1,S4320.E1.L1	1240K.capture	This study	This study
S4776.E1.L1	1240K.capture	This study	This study
S4779.E1.L1	1240K.capture	This study	This study
S5761.E1.L1	1240K.capture	This study	This study
S4566.E1.L1	1240K.capture	This study	This study
S4780.E1.L1,S4780.E1.L2,S4780.E1	1240K.capture	This study	This study
S4319.E1.L1	1240K.capture	This study	This study
S6708.E1.L1	1240K.capture	This study	This study
S4262.E1.L1	1240K.capture	This study	This study
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S4778.E1.L1	1240K.capture	This study	This study
S4153.E1.L1	1240K.capture	n/a (no date)	This study
S4255.E1.L1	1240K.capture	n/a (no date)	This study
S5396.E1.L1	1240K.capture	This study	This study
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S4321.E1.L1	1240K.capture	This study	This study
S4782.E1.L1	1240K.capture	This study	This study
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S1821.E1.L1	1240K.capture	This study	This study
S1856.E1.L1	1240K.capture	This study	This study
S1851.E1.L1	1240K.capture	This study	This study
S1828.E1.L1	1240K.capture	This study	This study
S1852.E1.L1	1240K.capture	This study	This study
S3389.E1.L2	1240K.capture	n/a (no date)	This study

S3392.E1.L2	1240K.capture	n/a (no date)	This study
S6718.E1.L1	1240K.capture	n/a (no date)	This study
S3396.E1.L2	1240K.capture	n/a (no date)	This study
S3391.E1.L2	1240K.capture	n/a (no date)	This study
S3394.E1.L2	1240K.capture	n/a (no date)	This study
S3390.E1.L2	1240K.capture	n/a (no date)	This study
S3395.E1.L2	1240K.capture	n/a (no date)	This study
S6716.E1.L1	1240K.capture	n/a (no date)	This study
S3393.E1.L2	1240K.capture	n/a (no date)	This study
S6717.E1.L1	1240K.capture	n/a (no date)	This study
S4323.E1.L1	1240K.capture	This study	This study
S4784.E1.L1	1240K.capture	This study	This study
S6788.E1.L1	1240K.capture	This study	This study
S6800.E1.L1	1240K.capture	This study	This study
S10001.E1.L1	1240K.capture	n/a (no date)	This study
S10974.Y1.E1.L1	1240K.capture	n/a (no date)	This study
S8998.E1.L1	1240K.capture	n/a (no date)	This study
S8997.E1.L1	1240K.capture	n/a (no date)	This study
S6553.E1.L1	1240K.capture	This study	This study
S6555.E1.L1	1240K.capture	This study	This study
S5400.E1.L1	1240K.capture	This study	This study
S10000.E1.L1	1240K.capture	n/a (no date)	This study
S6292.E1.L1	1240K.capture	This study	This study
S6556.E1.L1	1240K.capture	This study	This study
S8999.E1.L1	1240K.capture	n/a (no date)	This study
S6554.E1.L1	1240K.capture	This study	This study
S6789.E1.L1	1240K.capture	This study	This study
S6793.E1.L1	1240K.capture	This study	This study
S6794.E1.L1	1240K.capture	This study	This study
S6790.E1.L1	1240K.capture	This study	This study
S6791.E1.L1	1240K.capture	This study	This study
S6796.E1.L1	1240K.capture	This study	This study
S6797.E1.L1	1240K.capture	This study	This study
S6792.E1.L1	1240K.capture	This study	This study
S6795.E1.L1	1240K.capture	This study	This study
S3769.E1.L1	1240K.capture	n/a (no date)	This study
S4791.E1.L1	1240K.capture	This study	This study
S4790.E1.L1	1240K.capture	This study	This study
S4789.E1.L1,S7058.E1.L1	1240K.capture	This study	This study
S7060.E1.L1	1240K.capture	n/a (no date)	This study
S3861.E1.L1	1240K.capture	This study	This study

S3788.E1.L1	1240K.capture	This study	This study
S3860.E1.L1	1240K.capture	This study	This study
S7059.E1.L1	1240K.capture	n/a (no date)	This study
S8220.E1.L1	1240K.capture	n/a (no date)	This study
S6671.E1.L1	1240K.capture	n/a (no date)	This study
S6670.E1.L1	1240K.capture	n/a (no date)	This study
S4634.E1.L1	1240K.capture	n/a (no date)	This study
S4635.E1.L1	1240K.capture	n/a (no date)	This study
S6669.E1.L1	1240K.capture	This study	This study
S4259.E1.L1	1240K.capture	This study	This study
S6668.E1.L1	1240K.capture	n/a (no date)	This study
S6667.E1.L1	1240K.capture	This study	This study
S6674.E1.L1	1240K.capture	This study	This study
S0944.E1.L1,S0944.E3.L2	1240K.capture	..	This study
S0945.E3.L2,S0945.E3.L1	1240K.capture	n/a (no date)	This study
S0946.E1.L1,S0946.E3.L2,S0946.E3	1240K.capture	..	This study
S6294.E1.L1	1240K.capture	2876-2666 calBCE (41	This study
S7671.E1.L1	1240K.capture	n/a (no date)	This study
S0244.E1.L3,S7481.E1.L1	1240K.capture	..	This study
S7489.E1.L1	1240K.capture	n/a (no date)	This study
S6048.E1.L1	1240K.capture	This study	This study
S6891.E1.L1	1240K.capture	n/a (no date)	This study
S6888.E1.L1	1240K.capture	n/a (no date)	This study
S6893.E1.L1	1240K.capture	n/a (no date)	This study
S6894.E1.L1,S6895.E1.L1	1240K.capture	n/a (no date)	This study
S6896.E1.L1	1240K.capture	n/a (no date)	This study
S7721.E1.L1	1240K.capture	n/a (no date)	This study
S7718.E1.L1	1240K.capture	NociISMEOReports19	This study
S7719.E1.L1	1240K.capture	n/a (no date)	This study
S7720.E1.L1	1240K.capture	n/a (no date)	This study
S7723.E1.L1	1240K.capture	n/a (no date)	This study
S7717.E1.L1	1240K.capture	NociISMEOReports19	This study
S2955.E1.L1	1240K.capture	NociISMEOReports19	This study
S7722.E1.L1	1240K.capture	n/a (no date)	This study
S7420.E1.L1	1240K.capture	n/a (no date)	This study
S7421.E1.L1	1240K.capture	This study	This study
S7494.E1.L1	1240K.capture	This study	This study
S4285.E1.L1	1240K.capture	This study	This study
S7419.E1.L1	1240K.capture	This study	This study
S7492.E1.L1	1240K.capture	This study	This study
S4286.E1.L1	1240K.capture	This study	This study

S4288.E1.L1	1240K.capture	n/a (no date)	This study
S4289.E1.L1	1240K.capture	This study	This study
S7414.E1.L1	1240K.capture	This study	This study
S7416.E1.L1	1240K.capture	This study	This study
S7495.E1.L1	1240K.capture	This study	This study
S7542.E1.L1	1240K.capture	This study	This study
S7493.E1.L1	1240K.capture	n/a (no date)	This study
S4290.E1.L1,S4290.E1.L2,S4290.E1	1240K.capture	n/a (no date)	This study
S4910.E1.L1	1240K.capture	This study	This study
S6799.E1.L1	1240K.capture	This study	This study
S8724.E1.L1	1240K.capture	n/a (no date)	This study
S8725.E1.L1	1240K.capture	n/a (no date)	This study
S8726.E1.L1	1240K.capture	n/a (no date)	This study
S8728.E1.L1	1240K.capture	n/a (no date)	This study
S1019.E1.L1	1240K.capture	n/a (no date)	This study
S1003.E2.L2,S1003.E2.L1	1240K.capture	n/a (no date)	This study
S0942.E2.L2,S0942.E2.L1	1240K.capture	n/a (no date)	This study
S0986.E2.L2,S0986.E2.L1	1240K.capture	n/a (no date)	This study
S0989.E2.L2,S0989.E2.L1	1240K.capture	n/a (no date)	This study
S1006.E2.L2,S1006.E2.L1	1240K.capture	n/a (no date)	This study
S1082.E1.L1	1240K.capture	n/a (no date)	This study
S1084.E1.L1	1240K.capture	n/a (no date)	This study
S1008.E2.L2,S1008.E2.L1	1240K.capture	n/a (no date)	This study
S1086.E1.L1	1240K.capture	n/a (no date)	This study
S1065.E1.L1	1240K.capture	n/a (no date)	This study
S1018.E1.L1	1240K.capture	n/a (no date)	This study
S1055.E1.L1	1240K.capture	n/a (no date)	This study
S1011.E2.L2,S1059.E1.L1,S1011.E2	1240K.capture	n/a (no date)	This study
S1012.E2.L2,S1014.E2.L2,S1012.E2	1240K.capture	n/a (no date)	This study
S0937.E2.L2,S0937.E2.L1	1240K.capture	n/a (no date)	This study
S0938.E2.L2,S0938.E2.L1	1240K.capture	n/a (no date)	This study
S0939.E2.L2,S0939.E2.L1	1240K.capture	n/a (no date)	This study
S0943.E2.L2,S0943.E2.L1	1240K.capture	n/a (no date)	This study
S1013.E2.L2,S1013.E2.L1	1240K.capture	n/a (no date)	This study
S1022.E1.L1	1240K.capture	n/a (no date)	This study
S1024.E1.L1,S1026.E1.L1	1240K.capture	n/a (no date)	This study
S1060.E1.L1	1240K.capture	n/a (no date)	This study
S1061.E1.L1,S1061.E1.L2,S1061.E1	1240K.capture	n/a (no date)	This study
S1062.E1.L1	1240K.capture	n/a (no date)	This study
S1063.E1.L1	1240K.capture	n/a (no date)	This study
S1088.E1.L1	1240K.capture	n/a (no date)	This study

S1089.E1.L1	1240K.capture	n/a (no date)	This study
S1090.E1.L1	1240K.capture	n/a (no date)	This study
S0982.E2.L1	1240K.capture	n/a (no date)	This study
S7480.E1.L1	1240K.capture	n/a (no date)	This study
S1064.E1.L1	1240K.capture	This study	This study
S1053.E1.L1	1240K.capture	This study	This study
S1085.E1.L1,S1027.E1.L1,S1087.E1	1240K.capture	This study	This study
S1029.E1.L1	1240K.capture	HanksAntiquity2007	This study
S0984.E2.L2,S1025.E1.L1,S0984.E2	1240K.capture	HanksAntiquity2007	This study
S7670.E1.L1	1240K.capture	n/a (no date)	This study
S1010.E2.L2,S1010.E2.L1	1240K.capture	n/a (no date)	This study
S0940.E2.L2,S0940.E2.L1	1240K.capture	n/a (no date)	This study
S0985.E2.L2,S0985.E2.L1	1240K.capture	n/a (no date)	This study
S1054.E1.L1	1240K.capture	This study	This study
S1007.E2.L2,S1007.E2.L1	1240K.capture	n/a (no date)	This study
S0980.E2.L2,S0980.E2.L1	1240K.capture	n/a (no date)	This study
S0983.E2.L2,S0983.E2.L1	1240K.capture	n/a (no date)	This study
S1017.E1.L1	1240K.capture	This study	This study
S1057.E1.L1	1240K.capture	This study	This study
S1020.E1.L1	1240K.capture	HanksAntiquity2007	This study
S1056.E1.L1	1240K.capture	This study	This study
S1058.E1.L1	1240K.capture	This study	This study
S0941.E2.L2,S1015.E2.L2,S0941.E2	1240K.capture	n/a (no date)	This study
S1081.E1.L1,S1028.E1.L1	1240K.capture	This study	This study
S3864.E1.L1	1240K.capture	This study	This study
S0233.E1.L2	1240K.capture	n/a (no date)	This study
S6675.E1.L1	1240K.capture	n/a (no date)	This study
S4787.E1.L1	1240K.capture	This study	This study
S4794.E1.L1	1240K.capture	n/a (no date)	This study
S4087.E1.L1	1240K.capture	n/a (no date)	This study
S4085.E1.L1	1240K.capture	n/a (no date)	This study
S4086.E1.L1	1240K.capture	n/a (no date)	This study
S2927.E1.L1,S2927.E1.L2,S2927.E1	1240K.capture	This study	This study
S2337.E1.L2,S2337.E1.L4,S2337.E1	1240K.capture	This study	This study
S2923.E1.L1	1240K.capture	This study	This study
S2512.E1.L1,S2512.E1.L2,S2512.E1	1240K.capture	This study	This study
S2514.E1.L1	1240K.capture	This study	This study
S2513.E1.L1	1240K.capture	This study	This study
S2918.E1.L1,S2918.E1.L2,S2918.E1	1240K.capture	This study	This study
S2921.E1.L1,S2516.E1.L2(library.fl	1240K.capture	This study	This study
S2922.E1.L1,S2922.E1.L2,S2922.E1	1240K.capture	This study	This study

S2924.E1.L1	1240K.capture	This study	This study
S2925.E1.L1	1240K.capture	This study	This study
S2928.E1.L1,S2928.E1.L2,S2928.E1	1240K.capture	This study	This study
S2335.E1.L2,S2335.E1.L4	1240K.capture	This study	This study
S7725.E1.L1	1240K.capture	n/a (no date)	This study
S8191.E1.L1	1240K.capture	n/a (no date)	This study
S8195.E1.L1	1240K.capture	n/a (no date)	This study
S8194.E1.L1	1240K.capture	n/a (no date)	This study
S8190.E1.L1	1240K.capture	n/a (no date)	This study
S8192.E1.L1	1240K.capture	n/a (no date)	This study
S8193.E1.L1	1240K.capture	..	This study
S6898.E1.L1	1240K.capture	n/a (no date)	This study
S1992.E1.L1,S1992.E1.L2,S1992.E1	1240K.capture	This study	This study
S6899.E1.L1	1240K.capture	n/a (no date)	This study
S6900.E1.L1	1240K.capture	n/a (no date)	This study
S1985.E1.L1,S1995.E1.L1,S1985.E1	1240K.capture	This study	This study
S6902.E1.L1	1240K.capture	n/a (no date)	This study
S6897.E1.L1	1240K.capture	n/a (no date)	This study
S6901.E1.L1	1240K.capture	n/a (no date)	This study
S6195.E1.L1	1240K.capture	This study	This study
S1796.E1.L1,S1796.E1.L2,S1796.E1	1240K.capture	This study	This study
S1994.E1.L1,S1994.E1.L2,S1994.E1	1240K.capture	This study	This study
S3260.E1.L2	1240K.capture	This study	This study
S3262.E1.L1,S3262.E1.L2,S7566.E1	1240K.capture	This study	This study
S6197.E1.L1	1240K.capture	n/a (no date)	This study
S6194.E1.L1	1240K.capture	n/a (no date)	This study
S1799.E1.L2	1240K.capture	This study	This study
S6707.E1.L1	1240K.capture	This study	This study
S5766.E1.L1	1240K.capture	This study	This study
S1958.E1.L1	1240K.capture	This study	This study
S1960.E1.L1	1240K.capture	This study	This study
S3770.E1.L1	1240K.capture	This study	This study
S4295.E1.L1	1240K.capture	This study	This study
S4267.E1.L1	1240K.capture	This study	This study
S3976.E1.L1	1240K.capture	This study	This study
S3753.E1.L1	1240K.capture	This study	This study
S3977.E1.L1	1240K.capture	This study	This study
S3772.E1.L1	1240K.capture	This study	This study
S3763.E1.L1	1240K.capture	This study	This study
S1949.E1.L1,S1949.E1.L2,S1949.E1	1240K.capture	LazaridisNature2016	This study reports ad
S1945.E1.L2,S1945.E1.L3	1240K.capture	n/a (no date)	This study reports ad

S1944.E1.L1,S1944.E1.L2,S1944.E1	1240K.capture	n/a (no date)	This study reports ad
S1951.E1.L1,S1951.E1.L3	1240K.capture	LazaridisNature2016	This study reports ad
S0419.E1.L1,S0419.E2.L2,S0419.E3	1240K.capture	n/a (no date)	This study reports ad
S0246.E1.L2,S0246.E2.L1,S0246.E2	1240K.capture	..	This study reports ad
S0422.E1.L1,S0422.E2.L1,S0422.E2	1240K.capture	n/a (no date)	This study reports ad
S0232.E3.L1,S0232.E2.L1,S0232.E4	1240K.capture	n/a (no date)	This study reports ad
S0430.E1.L1,S0430.E2.L1,S0430.E2	1240K.capture	n/a (no date)	This study reports ad
S0431.E1.L1,S0431.E2.L1,S0431.E2	1240K.capture	n/a (no date)	This study reports ad
S0361.E1.L1,S0361.E2.L1,S0361.E2	1240K.capture	n/a (no date)	This study reports ad
S0358.E1.L1,S0358.E2.L1,S0358.E2	1240K.capture	..	This study reports ad
S0359.E1.L1,S0359.E2.L1,S0359.E2	1240K.capture	n/a (no date)	This study reports ad
S0424.E1.L1,S0424.E2.L1,S0424.E2	1240K.capture	n/a (no date)	This study reports ad
S0360.E1.L1,S0360.E2.L1,S0360.E2	1240K.capture	n/a (no date)	This study reports ad
S0421.E1.L1,S0421.E2.L1,S0421.E2	1240K.capture	n/a (no date)	This study reports ad
S0354.E2.L1,S0354.E3.L1,S0354.E3	1240K.capture	..	This study reports ad
n/a (modern)	Shotgun.diploid	n/a (modern)	SkoglundNature2015
n/a (modern)	Shotgun.diploid	n/a (modern)	SkoglundNature2015
n/a (modern)	Shotgun.diploid	n/a (modern)	SkoglundNature2015
n/a (modern)	Shotgun.diploid	n/a (modern)	SkoglundNature2015
n/a (modern)	Shotgun.diploid	n/a (modern)	SkoglundNature2015
n/a (modern)	Shotgun.diploid	n/a (modern)	SkoglundNature2015
n/a (modern)	Shotgun.diploid	n/a (modern)	SkoglundNature2015
n/a (modern)	Shotgun.diploid	n/a (modern)	SkoglundNature2015
n/a (modern)	Shotgun.diploid	n/a (modern)	SkoglundNature2015
n/a (modern)	Shotgun.diploid	n/a (modern)	SkoglundNature2015
n/a (modern)	Shotgun.diploid	n/a (modern)	SkoglundNature2015
n/a (modern)	Shotgun.diploid	n/a (modern)	SkoglundNature2015
n/a (modern)	Shotgun.diploid	n/a (modern)	SkoglundNature2015
n/a (modern)	Shotgun.diploid	n/a (modern)	SkoglundNature2015
..	Shotgun	SiskaScienceAdvance:	SiskaScienceAdvance:
n/a (modern)	Shotgun	n/a (modern)	RasmussenNature201
..	Shotgun	..	RaghavanNature2013
n/a (modern)	Shotgun.diploid	n/a (modern)	PruferNature2014
n/a (modern)	Shotgun.diploid	n/a (modern)	PruferNature2014
n/a (modern)	Shotgun.diploid	n/a (modern)	PruferNature2014
n/a (modern)	Shotgun.diploid	n/a (modern)	PruferNature2014
n/a (modern)	Shotgun.diploid	n/a (modern)	PruferNature2014
n/a (modern)	Shotgun.diploid	n/a (modern)	Prufer2014
..	Shotgun.diploid	n/a (no date)	PrueferNature2013
S7272.E1.L1	1240K.capture	n/a (no date)	OlaldeNature2018
S7279.E1.L1	1240K.capture	n/a (no date)	OlaldeNature2018

S7280.E1.L1	1240K.capture	n/a (no date)	OlaldeNature2018
n/a (modern)	Shotgun	n/a (modern)	MondalNatureGeneti
n/a (modern)	Shotgun	n/a (modern)	MondalNatureGeneti
n/a (modern)	Shotgun	n/a (modern)	MondalNatureGeneti
n/a (modern)	Shotgun	n/a (modern)	MondalNatureGeneti
n/a (modern)	Shotgun	n/a (modern)	MondalNatureGeneti
n/a (modern)	Shotgun	n/a (modern)	MondalNatureGeneti
n/a (modern)	Shotgun	n/a (modern)	MondalNatureGeneti
n/a (modern)	Shotgun	n/a (modern)	MondalNatureGeneti
n/a (modern)	Shotgun	n/a (modern)	MondalNatureGeneti
n/a (modern)	Shotgun	n/a (modern)	MondalNatureGeneti
n/a (modern)	Shotgun	n/a (modern)	MondalNatureGeneti
n/a (modern)	Shotgun	n/a (modern)	MondalNatureGeneti
n/a (modern)	Shotgun	n/a (modern)	MondalNatureGeneti
n/a (modern)	Shotgun	n/a (modern)	MondalNatureGeneti
n/a (modern)	Shotgun	n/a (modern)	MondalNatureGeneti
n/a (modern)	Shotgun	n/a (modern)	MondalNatureGeneti
n/a (modern)	Shotgun	n/a (modern)	MondalNatureGeneti
n/a (modern)	Shotgun	n/a (modern)	MondalNatureGeneti
n/a (modern)	Shotgun	n/a (modern)	MondalNatureGeneti
n/a (modern)	Shotgun	n/a (modern)	MondalNatureGeneti
n/a (modern)	Shotgun	n/a (modern)	MondalNatureGeneti
n/a (modern)	Shotgun	n/a (modern)	MondalNatureGeneti
n/a (modern)	Shotgun	n/a (modern)	MondalNatureGeneti
n/a (modern)	Shotgun	n/a (modern)	MondalNatureGeneti
n/a (modern)	Shotgun	n/a (modern)	MondalNatureGeneti
n/a (modern)	Shotgun	n/a (modern)	MondalNatureGeneti
n/a (modern)	Shotgun	n/a (modern)	MondalNatureGeneti
n/a (modern)	Shotgun	n/a (modern)	MondalNatureGeneti
n/a (modern)	Shotgun	n/a (modern)	MondalNatureGeneti
n/a (modern)	Shotgun	n/a (modern)	MondalNatureGeneti
n/a (modern)	Shotgun	n/a (modern)	MondalNatureGeneti
n/a (modern)	Shotgun	n/a (modern)	MondalNatureGeneti
n/a (modern)	Shotgun	n/a (modern)	MondalNatureGeneti
n/a (modern)	Shotgun	n/a (modern)	MondalNatureGeneti
n/a (modern)	Shotgun	n/a (modern)	MondalNatureGeneti
n/a (modern)	Shotgun	n/a (modern)	MondalNatureGeneti
n/a (modern)	Shotgun	n/a (modern)	MondalNatureGeneti
n/a (modern)	Shotgun	n/a (modern)	MondalNatureGeneti
n/a (modern)	Shotgun	n/a (modern)	MondalNatureGeneti
n/a (modern)	Shotgun	n/a (modern)	MondalNatureGeneti

n/a (modern)	Shotgun	n/a (modern)	MondalNatureGeneti
n/a (modern)	Shotgun	n/a (modern)	MondalNatureGeneti
n/a (modern)	Shotgun	n/a (modern)	MondalNatureGeneti
n/a (modern)	Shotgun	n/a (modern)	MondalNatureGeneti
n/a (modern)	Shotgun	n/a (modern)	MondalNatureGeneti
n/a (modern)	Shotgun	n/a (modern)	MondalNatureGeneti
n/a (modern)	Shotgun	n/a (modern)	MondalNatureGeneti
n/a (modern)	Shotgun	n/a (modern)	MondalNatureGeneti
n/a (modern)	Shotgun	n/a (modern)	MondalNatureGeneti
n/a (modern)	Shotgun	n/a (modern)	MondalNatureGeneti
..	Shotgun.diploid	..	MeyerScience2012
n/a (modern)	Shotgun.diploid	n/a (modern)	MeyerScience2012
n/a (modern)	Shotgun.diploid	n/a (modern)	MeyerScience2012
n/a (modern)	Shotgun.diploid	n/a (modern)	MeyerScience2012
n/a (modern)	Shotgun.diploid	n/a (modern)	MeyerScience2012
n/a (modern)	Shotgun.diploid	n/a (modern)	Meyer2012
S4916.E1.L1	1240K.capture	MathiesonNature201	MathiesonNature201
S4915.E1.L1	1240K.capture	MathiesonNature201	MathiesonNature201
S5402.E1.L1	1240K.capture	..	MathiesonNature201
S4914.E1.L1	1240K.capture	..	MathiesonNature201
S5401.E1.L1	1240K.capture	..	MathiesonNature201
S4917.E1.L1	1240K.capture	MathiesonNature201	MathiesonNature201
S5407.E1.L1	1240K.capture	n/a (no date)	MathiesonNature201
S4081.E1.L1,S4082.E1.L1	1240K.capture	..	MathiesonNature201
S4582.E1.L2,S4582.E1.L3,S4582.E1	1240K.capture	MathiesonNature201	MathiesonNature201
S5240.E1.L1	1240K.capture	MathiesonNature201	MathiesonNature201
S5237.E1.L1	1240K.capture	n/a (no date)	MathiesonNature201
S5235.E1.L1	1240K.capture	..	MathiesonNature201
S5236.E1.L1	1240K.capture	..	MathiesonNature201
S5244.E1.L1	1240K.capture	MathiesonNature201	MathiesonNature201
S5242.E1.L1	1240K.capture	MathiesonNature201	MathiesonNature201
S5239.E1.L1	1240K.capture	MathiesonNature201	MathiesonNature201
S5238.E1.L1	1240K.capture	MathiesonNature201	MathiesonNature201
S5234.E1.L1	1240K.capture	n/a (no date)	MathiesonNature201
S5233.E1.L1	1240K.capture	..	MathiesonNature201
S4607.E1.L2,S4607.E1.L3,S4607.E1	1240K.capture	..	MathiesonNature201
S4655.E1.L1	1240K.capture	..	MathiesonNature201
S5411.E1.L1	1240K.capture	n/a (no date)	MathiesonNature201
S5772.E1.L1	1240K.capture	n/a (no date)	MathiesonNature201
S4878.E1.L1	1240K.capture	MathiesonNature201	MathiesonNature201
S5773.E1.L1	1240K.capture	..	MathiesonNature201

S4870.E1.L1,S4870.E1.L2	1240K.capture	MathiesonNature201	MathiesonNature201
S5771.E1.L1	1240K.capture	..	MathiesonNature201
S4881.E1.L1	1240K.capture	MathiesonNature201	MathiesonNature201
S4880.E1.L1	1240K.capture	MathiesonNature201	MathiesonNature201
S4657.E1.L1	1240K.capture	MathiesonNature201	MathiesonNature201
S4660.E1.L1,S4660.E1.L2	1240K.capture	MathiesonNature201	MathiesonNature201
S4874.E1.L1	1240K.capture	..	MathiesonNature201
S4877.E1.L1	1240K.capture	MathiesonNature201	MathiesonNature201
S4875.E1.L1	1240K.capture	MathiesonNature201	MathiesonNature201
S4876.E1.L1	1240K.capture	MathiesonNature201	MathiesonNature201
S4871.E1.L1	1240K.capture	n/a (no date)	MathiesonNature201
S4872.E1.L1	1240K.capture	n/a (no date)	MathiesonNature201
S4873.E1.L1	1240K.capture	..	MathiesonNature201
S4630.E1.L1	1240K.capture	..	MathiesonNature201
S4432.E1.L1	1240K.capture	MathiesonNature201	MathiesonNature201
S4439.E1.L1	1240K.capture	MathiesonNature201	MathiesonNature201
S4434.E1.L1	1240K.capture	MathiesonNature201	MathiesonNature201
S4628.E1.L1	1240K.capture	..	MathiesonNature201
S4596.E1.L1	1240K.capture	MathiesonNature201	MathiesonNature201
S4553.E1.L1	1240K.capture	MathiesonNature201	MathiesonNature201
S4551.E1.L1	1240K.capture	MathiesonNature201	MathiesonNature201
S4438.E1.L1	1240K.capture	MathiesonNature201	MathiesonNature201
S4440.E1.L1	1240K.capture	MathiesonNature201	MathiesonNature201
S4441.E1.L1	1240K.capture	MathiesonNature201	MathiesonNature201
S4550.E1.L1	1240K.capture	MathiesonNature201	MathiesonNature201
S4626.E1.L1	1240K.capture	..	MathiesonNature201
S4632.E1.L1	1240K.capture	..	MathiesonNature201
S4595.E1.L1	1240K.capture	MathiesonNature201	MathiesonNature201
S4552.E1.L1	1240K.capture	MathiesonNature201	MathiesonNature201
S5068.E1.L1	1240K.capture	n/a (no date)	MathiesonNature201
S5069.E1.L1	1240K.capture	n/a (no date)	MathiesonNature201
S5204.E1.L1	1240K.capture	n/a (no date)	MathiesonNature201
S5070.E1.L1	1240K.capture	n/a (no date)	MathiesonNature201
S5207.E1.L1	1240K.capture	n/a (no date)	MathiesonNature201
S5205.E1.L1	1240K.capture	n/a (no date)	MathiesonNature201
S5206.E1.L1	1240K.capture	n/a (no date)	MathiesonNature201
S5208.E1.L1	1240K.capture	n/a (no date)	MathiesonNature201
S3206.E1.L1	1240K.capture	n/a (no date)	MathiesonNature201
S2111.E1.L1	1240K.capture	..	MathiesonNature201
S1926.E1.L2	1240K.capture	MathiesonNature201	MathiesonNature201
S2110.E1.L1	1240K.capture	..	MathiesonNature201

S5890.E1.L1	1240K.capture	MathiesonNature201	MathiesonNature201
S5883.E1.L1	1240K.capture	MathiesonNature201	MathiesonNature201
S3718.E1.L1	1240K.capture	MathiesonNature201	MathiesonNature201
S5893.E1.L1	1240K.capture	MathiesonNature201	MathiesonNature201
S5891.E1.L1	1240K.capture	MathiesonNature201	MathiesonNature201
S5875.E1.L1	1240K.capture	MathiesonNature201	MathiesonNature201
S5886.E1.L1	1240K.capture	MathiesonNature201	MathiesonNature201
S3717.E1.L1	1240K.capture	MathiesonNature201	MathiesonNature201
S4112.E1.L1	1240K.capture	n/a (no date)	MathiesonNature201
S5881.E1.L1	1240K.capture	MathiesonNature201	MathiesonNature201
S4114.E1.L1	1240K.capture	MathiesonNature201	MathiesonNature201
S5892.E1.L1	1240K.capture	..	MathiesonNature201
S5889.E1.L1	1240K.capture	..	MathiesonNature201
S4111.E1.L1	1240K.capture	MathiesonNature201	MathiesonNature201
S1734.E1.L1	1240K.capture	MathiesonNature201	MathiesonNature201
S1736.E1.L1	1240K.capture	MathiesonNature201	MathiesonNature201
S3712.E1.L1	1240K.capture	MathiesonNature201	MathiesonNature201
S3715.E1.L1	1240K.capture	MathiesonNature201	MathiesonNature201
S5870.E1.L1	1240K.capture	MathiesonNature201	MathiesonNature201
S5868.E1.L1	1240K.capture	MathiesonNature201	MathiesonNature201
S5872.E1.L1	1240K.capture	MathiesonNature201	MathiesonNature201
S5957.E1.L1	1240K.capture	n/a (no date)	MathiesonNature201
S3713.E1.L1	1240K.capture	MathiesonNature201	MathiesonNature201
S3716.E1.L1	1240K.capture	MathiesonNature201	MathiesonNature201
S3714.E1.L1	1240K.capture	n/a (no date)	MathiesonNature201
S5873.E1.L1	1240K.capture	MathiesonNature201	MathiesonNature201
S6133.E1.L1	1240K.capture	n/a (no date)	MathiesonNature201
S1738.E1.L1	1240K.capture	MathiesonNature201	MathiesonNature201
S1732.E1.L1	1240K.capture	MathiesonNature201	MathiesonNature201
S2105.E1.L1	1240K.capture	n/a (no date)	MathiesonNature201
S3195.E1.L1	1240K.capture	n/a (no date)	MathiesonNature201
S1917.E1.L2	1240K.capture	MathiesonNature201	MathiesonNature201
S1579.E1.L1,S2214.E1.L1,S6665.E1	1240K.capture	MathiesonNature201	MathiesonNature201
S1585.E1.L1,S2213.E1.L1,S6664.E1	1240K.capture	MathiesonNature201	MathiesonNature201
S1497.E1.L1	1240K.capture	..	MathiesonNature201
S0585.E1.L1	1240K.capture	..	MathiesonNature201
S0230.L1,S0393.L1,S0670.L1	1240K.capture	n/a (no date)	MathiesonNature201
S0795.L1	1240K.capture	..	MathiesonNature201
S0223.L1,S0396.L1,S0397.L1	1240K.capture	..	MathiesonNature201
S0022.L2	1240K.capture	n/a (no date)	MathiesonNature201
S0025.L2	1240K.capture	n/a (no date)	MathiesonNature201

S0026.L2	1240K.capture	n/a (no date)	MathiesonNature201
S0124.E1.L3	1240K.capture	MathiesonNature201	MathiesonNature201
S0231.E3.L1,S0231.E2.L1,S0231.E4	1240K.capture	MathiesonNature201	MathiesonNature201
S0370.E1.L1	1240K.capture	n/a (no date)	MathiesonNature201
S0441.E1.L1	1240K.capture	..	MathiesonNature201
S0444.E1.L1	1240K.capture	..	MathiesonNature201
S0439.E1.L1	1240K.capture	MathiesonNature201	MathiesonNature201
S0443.E1.L1,S0443.E2.L1	1240K.capture	n/a (no date)	MathiesonNature201
S0429.E1.L1	1240K.capture	..	MathiesonNature201
S0357.E1.L1,S0428.E1.L1	1240K.capture	MathiesonNature201	MathiesonNature201
S0438.E1.L1	1240K.capture	..	MathiesonNature201
S1097.E1.L1	1240K.capture	MathiesonNature201	MathiesonNature201
S1102.E1.L1	1240K.capture	n/a (no date)	MathiesonNature201
S1099.E1.L1	1240K.capture	n/a (no date)	MathiesonNature201
S1103.E1.L1	1240K.capture	n/a (no date)	MathiesonNature201
S1583.E1.L1	1240K.capture	MathiesonNature201	MathiesonNature201
S0744.E1.L1	1240K.capture	MathiesonNature201	MathiesonNature201
S0746.E1.L1	1240K.capture	MathiesonNature201	MathiesonNature201
S1101.E1.L1	1240K.capture	n/a (no date)	MathiesonNature201
S0745.E1.L1	1240K.capture	MathiesonNature201	MathiesonNature201
S0709.E1.L1	1240K.capture	MathiesonNature201	MathiesonNature201
S1096.E1.L1	1240K.capture	n/a (no date)	MathiesonNature201
S0708.E1.L1	1240K.capture	MathiesonNature201	MathiesonNature201
S0736.E1.L1	1240K.capture	n/a (no date)	MathiesonNature201
S1100.E1.L1	1240K.capture	n/a (no date)	MathiesonNature201
S1098.E1.L1	1240K.capture	MathiesonNature201	MathiesonNature201
S1581.E1.L1	1240K.capture	MathiesonNature201	MathiesonNature201
S1580.E1.L1	1240K.capture	MathiesonNature201	MathiesonNature201
S0724.E1.L1,S0724.E1.L3,S0724.E1	1240K.capture	n/a (no date)	MathiesonNature201
S1512.E1.L1,S0723.E1.L1,S0723.E1	1240K.capture	MathiesonNature201	MathiesonNature201
S0727.E1.L1,S0727.E1.L3,S0727.E1	1240K.capture	n/a (no date)	MathiesonNature201
S0725.E1.L1	1240K.capture	n/a (no date)	MathiesonNature201
S0726.E1.L1,S0743.E1.L1,S1107.E1	1240K.capture	n/a (no date)	MathiesonNature201
S1254.L1	1240K.capture	n/a (no date)	MathiesonNature201
S0122.E1.L2,S0122.E2.L1	1240K.capture	n/a (no date)	MathiesonNature201
S0434.E1.L1	1240K.capture	n/a (no date)	MathiesonNature201
S0433.E1.L1	1240K.capture	n/a (no date)	MathiesonNature201
S0797.L1	1240K.capture	n/a (no date)	MathiesonNature201
S0371.E1.L1,S0371.E2.L1,S0371.E2	1240K.capture	MathiesonNature201	MathiesonNature201
S0126.E1.L3	1240K.capture	..	MathiesonNature201
S0440.E1.L1,S0440.E2.L1	1240K.capture	MathiesonNature201	MathiesonNature201

S0374.E1.L1,S0374.E3.L2,S1449.E1	1240K.capture	n/a (no date)	MathiesonNature201
S0432.E1.L1	1240K.capture	..	MathiesonNature201
S0418.E1.L1	1240K.capture	..	MathiesonNature201
S0234.E1.L2	1240K.capture	n/a (no date)	MathiesonNature201
S0235.E1.L2,S0235.E2.L2	1240K.capture	n/a (no date)	MathiesonNature201
n/a (modern)	Shotgun.diploid	n/a (modern)	MallickNature2016
n/a (modern)	Shotgun.diploid	n/a (modern)	MallickNature2016
n/a (modern)	Shotgun.diploid	n/a (modern)	MallickNature2016
n/a (modern)	Shotgun.diploid	n/a (modern)	MallickNature2016
n/a (modern)	Shotgun.diploid	n/a (modern)	MallickNature2016
n/a (modern)	Shotgun.diploid	n/a (modern)	MallickNature2016
n/a (modern)	Shotgun.diploid	n/a (modern)	MallickNature2016
n/a (modern)	Shotgun.diploid	n/a (modern)	MallickNature2016
n/a (modern)	Shotgun.diploid	n/a (modern)	MallickNature2016
n/a (modern)	Shotgun.diploid	n/a (modern)	MallickNature2016
n/a (modern)	Shotgun.diploid	n/a (modern)	MallickNature2016
n/a (modern)	Shotgun.diploid	n/a (modern)	MallickNature2016
n/a (modern)	Shotgun.diploid	n/a (modern)	MallickNature2016
n/a (modern)	Shotgun.diploid	n/a (modern)	MallickNature2016
n/a (modern)	Shotgun.diploid	n/a (modern)	MallickNature2016
n/a (modern)	Shotgun.diploid	n/a (modern)	MallickNature2016
n/a (modern)	Shotgun.diploid	n/a (modern)	MallickNature2016
n/a (modern)	Shotgun.diploid	n/a (modern)	MallickNature2016
n/a (modern)	Shotgun.diploid	n/a (modern)	MallickNature2016
n/a (modern)	Shotgun.diploid	n/a (modern)	MallickNature2016
n/a (modern)	Shotgun.diploid	n/a (modern)	MallickNature2016
n/a (modern)	Shotgun.diploid	n/a (modern)	MallickNature2016
n/a (modern)	Shotgun.diploid	n/a (modern)	MallickNature2016
n/a (modern)	Shotgun.diploid	n/a (modern)	MallickNature2016
n/a (modern)	Shotgun.diploid	n/a (modern)	MallickNature2016
n/a (modern)	Shotgun.diploid	n/a (modern)	MallickNature2016
n/a (modern)	Shotgun.diploid	n/a (modern)	MallickNature2016
n/a (modern)	Shotgun.diploid	n/a (modern)	MallickNature2016
n/a (modern)	Shotgun.diploid	n/a (modern)	MallickNature2016
n/a (modern)	Shotgun.diploid	n/a (modern)	MallickNature2016
n/a (modern)	Shotgun.diploid	n/a (modern)	MallickNature2016
n/a (modern)	Shotgun.diploid	n/a (modern)	MallickNature2016
n/a (modern)	Shotgun.diploid	n/a (modern)	MallickNature2016
n/a (modern)	Shotgun.diploid	n/a (modern)	MallickNature2016
n/a (modern)	Shotgun.diploid	n/a (modern)	MallickNature2016
n/a (modern)	Shotgun.diploid	n/a (modern)	MallickNature2016

n/a (modern)	Shotgun.diploid	n/a (modern)	MallickNature2016
n/a (modern)	Shotgun.diploid	n/a (modern)	MallickNature2016
n/a (modern)	Shotgun.diploid	n/a (modern)	MallickNature2016
n/a (modern)	Shotgun.diploid	n/a (modern)	MallickNature2016
n/a (modern)	Shotgun.diploid	n/a (modern)	MallickNature2016
n/a (modern)	Shotgun.diploid	n/a (modern)	MallickNature2016
n/a (modern)	Shotgun.diploid	n/a (modern)	Mallick2016
n/a (modern)	Shotgun.diploid	n/a (modern)	Mallick2016
n/a (modern)	Shotgun.diploid	n/a (modern)	Mallick2016
n/a (modern)	Shotgun.diploid	n/a (modern)	Mallick2016
n/a (modern)	Shotgun.diploid	n/a (modern)	Mallick2016
n/a (modern)	Shotgun.diploid	n/a (modern)	Mallick2016
n/a (modern)	Shotgun.diploid	n/a (modern)	Mallick2016
n/a (modern)	Shotgun.diploid	n/a (modern)	Mallick2016
n/a (modern)	Shotgun.diploid	n/a (modern)	Mallick2016
n/a (modern)	Shotgun.diploid	n/a (modern)	Mallick2016
n/a (modern)	Shotgun.diploid	n/a (modern)	Mallick2016
..	Shotgun	..	LlorenteScience2015
S0018.L2,T9004	1240K.capture	..	LipsonNature2017 ne
S2013.L1,S0225.L1	1240K.capture	..	LipsonNature2017 ne
S2006.L1,S0273.L1,S1227.L1	1240K.capture	..	LipsonNature2017 ne
S2025.L1,S2025.L2	1240K.capture	..	LipsonNature2017 ad
S2004.aL1,S2004.L2	1240K.capture	..	LipsonNature2017 ad
S2024.L1,S2024.L2	1240K.capture	..	LipsonNature2017 ad
S2019.L1,S2019.L2	1240K.capture	n/a (no date)	LipsonNature2017 ad
S2031.L1,S2031.L2	1240K.capture	..	LipsonNature2017 ad
S2007.L1,S2007.L2	1240K.capture	..	LipsonNature2017 ad
S2371.L1	1240K.capture	LipsonNature2017	LipsonNature2017
S2370.L1	1240K.capture	LipsonNature2017	LipsonNature2017
S2752.L1	1240K.capture	n/a (no date)	LipsonNature2017
S2754.L1	1240K.capture	LipsonNature2017	LipsonNature2017
S2755.L1	1240K.capture	n/a (no date)	LipsonNature2017
S2753.L1	1240K.capture	LipsonNature2017	LipsonNature2017
S2367.L1,S6081.E1.L1	1240K.capture	LipsonNature2017	LipsonNature2017
S2366.L1,S3540.L2,S6080.E1.L1	1240K.capture	LipsonNature2017	LipsonNature2017
S2369.L1	1240K.capture	LipsonNature2017	LipsonNature2017
S2368.L1	1240K.capture	n/a (no date)	LipsonNature2017
S2785.L1	1240K.capture	n/a (no date)	LipsonNature2017
S2763.L1	1240K.capture	n/a (no date)	LipsonNature2017
S2014.L2	1240K.capture	..	LipsonNature2017
S2021.L1,S2021.L2	1240K.capture	n/a (no date)	LipsonNature2017

S2026.aL1,S2026.L2	1240K.capture	n/a (no date)	LipsonNature2017
S2037.L1,S2037.L2	1240K.capture	..	LipsonNature2017
S2029.L1,S2029.L2	1240K.capture	..	LipsonNature2017
S2017.L1,S2017.L2	1240K.capture	n/a (no date)	LipsonNature2017
S2022.L2	1240K.capture	..	LipsonNature2017
S2030.L1,S2030.L2	1240K.capture	n/a (no date)	LipsonNature2017
S2032.L1,S2032.L2	1240K.capture	n/a (no date)	LipsonNature2017
S2036.L1,S2036.L2	1240K.capture	n/a (no date)	LipsonNature2017
S2038.L1,S2038.L2	1240K.capture	n/a (no date)	LipsonNature2017
S2008.L1,S2008.L2	1240K.capture	..	LipsonNature2017
S1584.E1.L1,S1584.E1.L3,S1584.E1	1240K.capture	LazaridisNature2016	LazaridisNature2016
S1634.E1.L1	1240K.capture	..	LazaridisNature2016
S1632.E1.L1	1240K.capture	..	LazaridisNature2016
S1407.E1.L1	1240K.capture	n/a (no date)	LazaridisNature2016
S1631.E1.L1	1240K.capture	..	LazaridisNature2016
S1409.E1.L1	1240K.capture	..	LazaridisNature2016
S1635.E1.L1	1240K.capture	LazaridisNature2016	LazaridisNature2016
S1633.E1.L1	1240K.capture	LazaridisNature2016	LazaridisNature2016
S1658.E1.L1	1240K.capture	..	LazaridisNature2016
S1628.E1.L1,S1628.E1.L3,S1628.E1	1240K.capture	LazaridisNature2016	LazaridisNature2016
S1293.E1.L1	1240K.capture	LazaridisNature2016	LazaridisNature2016
S1674.E1.L1	1240K.capture	LazaridisNature2016	LazaridisNature2016
S1662.E1.L1	1240K.capture	LazaridisNature2016	LazaridisNature2016
S1670.E1.L2,S1670.E1.L3,S1670.E1	1240K.capture	LazaridisNature2016	LazaridisNature2016
S1661.E1.L1,S1661.E4.L1,S1661.E5	1240K.capture	LazaridisNature2016	LazaridisNature2016
S1665.E1.L1	1240K.capture	LazaridisNature2016	LazaridisNature2016
S1671.E1.L2,S1671.E1.L1	1240K.capture	LazaridisNature2016	LazaridisNature2016
..	Shotgun	..	JonesNatureCommur
..	Shotgun	..	JonesNatureCommur
..	Shotgun	..	JonesNatureCommur
n/a (modern)	Reference.Genome	n/a (modern)	Genome
L5121	1240K.capture	..	FuNature2016
A5268,A5279,A5301	1240K.capture	..	FuNature2016
GA63snp,MA167snp	1240K.capture	..	FuNature2016
A5187,A5195,A5196,A5197,A5198	1240K.capture	..	FuNature2016
A5306	1240K.capture	n/a (no date)	FuNature2016
A5290	1240K.capture	..	FuNature2016
..	Shotgun.diploid	FuNature2014	FuNature2014
..	Shotgun	BroushakiScience201	BroushakiScience201
..	Shotgun	BroushakiScience201	BroushakiScience201
..	Shotgun	n/a (no date)	BroushakiScience201

..	Shotgun	BroushakiScience201	BroushakiScience201
RISE515	Shotgun	AllentoftNature2015	AllentoftNature2015
RISE516	Shotgun	AllentoftNature2015	AllentoftNature2015
RISE550	Shotgun	AllentoftNature2015	AllentoftNature2015
RISE240	Shotgun	AllentoftNature2015	AllentoftNature2015
RISE546	Shotgun	n/a (no date)	AllentoftNature2015
RISE547	Shotgun	AllentoftNature2015	AllentoftNature2015
RISE548	Shotgun	n/a (no date)	AllentoftNature2015
RISE552	Shotgun	AllentoftNature2015	AllentoftNature2015
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3

n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
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n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
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n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
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n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3

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n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
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n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
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n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
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n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
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n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3
n/a (modern)	Shotgun	n/a (modern)	1KGPhase3

Associated archaeologists if this is a newly reported sample	Average of 95.4% date
Vyacheslav Moiseyev	4450
Vyacheslav Moiseyev	4850
Vyacheslav Moiseyev	4700
Vyacheslav Moiseyev	4707
Vyacheslav Moiseyev	4673
Vyacheslav Moiseyev	4699
James Mallory, Svetlana Svyatko	5066
Vyacheslav Moiseyev	4750
Vyacheslav Moiseyev	4725
Vyacheslav Moiseyev	4450
Sergey Mikhailovich Slepchenko, Anatol	4908
Sergey Mikhailovich Slepchenko, Anatol	5081
Sergey Mikhailovich Slepchenko, Anatol	4907
Sergey Mikhailovich Slepchenko, Anatol	5047
Sergey Mikhailovich Slepchenko, Anatol	4895
Anatoly Derevianko, Tatianka Chikisheva	5077
Sergey Mikhailovich Slepchenko, Anatol	4899
Sergey Mikhailovich Slepchenko, Anatol	4948
Sergey Mikhailovich Slepchenko, Anatol	4905
Anatoly Derevianko, Tatianka Chikisheva	4968
Vyacheslav Moiseyev	4709
Vyacheslav Moiseyev	4700
Vyacheslav Moiseyev	4618
Carles Lalueza-Fox, David Pettener	3717
Michael Frachetti	3516
Michael Frachetti	3512
Michael Frachetti	3534
Michael Frachetti	3560
Luca Olivieri, Muhammad Zahir, Massim	2815
Luca Olivieri, Muhammad Zahir, Massim	2815
Luca Olivieri, Muhammad Zahir, Massim	2815
Sergey Mikhailovich Slepchenko, Anatol	3500
Luca Olivieri, Muhammad Zahir, Massim	2815
Luca Olivieri, Muhammad Zahir, Massim	2850
Luca Olivieri, Muhammad Zahir, Massim	2826
Luca Olivieri, Muhammad Zahir, Massim	2855

Luca Olivieri, Muhammad Zahir, Massim	2850
Janet Monge	11950
Michael Frachetti	3400
Michael Frachetti	3400
Michael Frachetti	3400
Michael Frachetti	3400
Michael Frachetti	3739
Michael Frachetti	3400
Luca Olivieri, Muhammad Zahir, Massim	2057
Luca Olivieri, Muhammad Zahir, Massim	1942
Luca Olivieri, Muhammad Zahir, Massim	2000
Luca Olivieri, Muhammad Zahir, Massim	2050
Michael Frachetti	4623
Michael Frachetti	3704
Michael Frachetti	3348
Michael Frachetti	3704
Katerina Douka	4655
Michael Frachetti	3650
Michael Frachetti	3426
Michael Frachetti	3513
Michael Frachetti	3487
Michael Frachetti	3900
Michael Frachetti	3482
Michael Frachetti	3629
Michael Frachetti	3422
Michael Frachetti	3560
Michael Frachetti	3646
Michael Frachetti	3743
Michael Frachetti	3900
Michael Frachetti	3900
Christopher Meiklejohn, Deborah Merre	9978
Christopher Meiklejohn, Deborah Merre	10243
Christopher Meiklejohn, Deborah Merre	9900
Christopher Meiklejohn, Deborah Merre	10000
Christopher Meiklejohn, Deborah Merre	9940
Sergey Vasilyev	5450
Sergey Vasilyev	5450
Sergey Vasilyev	5450
Sergey Vasilyev	5450
Sergey Vasilyev	5450
Sergey Vasilyev	5450

Sergey Vasilyev	5450
Sergey Vasilyev	5450
Sergey Vasilyev	5450
Sergey Vasilyev	5450
Sergey Vasilyev	5450
Sergey Vasilyev	5450
James Mallory, Nadezhda Dubova	3989
James Mallory, Nadezhda Dubova	3899
James Mallory, Nadezhda Dubova	4067
James Mallory, Nadezhda Dubova	4066
James Mallory, Nadezhda Dubova	4065
James Mallory, Nadezhda Dubova	3841
James Mallory, Nadezhda Dubova	4165
James Mallory, Nadezhda Dubova	4010
James Mallory, Nadezhda Dubova	3966
James Mallory, Nadezhda Dubova	3996
James Mallory, Nadezhda Dubova	4060
James Mallory, Nadezhda Dubova	3951
James Mallory, Nadezhda Dubova	4072
James Mallory, Nadezhda Dubova	4007
James Mallory, Nadezhda Dubova	3985
James Mallory, Nadezhda Dubova	4062
James Mallory, Nadezhda Dubova	4160
James Mallory, Nadezhda Dubova	4000
James Mallory, Nadezhda Dubova	4000
James Mallory, Nadezhda Dubova	4000
James Mallory, Nadezhda Dubova	4000
James Mallory, Nadezhda Dubova	4050
James Mallory, Nadezhda Dubova	4000
James Mallory, Nadezhda Dubova	4050
James Mallory, Nadezhda Dubova	4000
James Mallory, Nadezhda Dubova	4050
James Mallory, Nadezhda Dubova	4000
James Mallory, Nadezhda Dubova	4050
James Mallory, Nadezhda Dubova	4000
James Mallory, Nadezhda Dubova	4000
James Mallory, Nadezhda Dubova	4000
James Mallory, Nadezhda Dubova	4050
James Mallory, Nadezhda Dubova	4050
James Mallory, Nadezhda Dubova	4280
James Mallory, Nadezhda Dubova	4100

James Mallory, Nadezhda Dubova	4104
James Mallory, Nadezhda Dubova	4010
James Mallory, Nadezhda Dubova	4000
James Mallory, Nadezhda Dubova	4246
Janet Monge	4326
Janet Monge	7906
Janet Monge	7908
Janet Monge	7756
Janet Monge	7650
Janet Monge	7906
Janet Monge	7925
Michael Frachetti	3637
Michael Frachetti	3641
Michael Frachetti	3663
Michael Frachetti	3663
Michael Frachetti	3641
Michael Frachetti	3802
Michael Frachetti	3596
Michael Frachetti	3648
Michael Frachetti	3638
Vyacheslav Moiseyev	4062
Michael Frachetti	3738
Michael Frachetti	3700
Michael Frachetti	3587
Michael Frachetti	3050
Michael Frachetti	3050
Luca Olivieri, Muhammad Zahir, Massim	2811
Luca Olivieri, Muhammad Zahir, Massim	2850
Luca Olivieri, Muhammad Zahir, Massim	2851
Luca Olivieri, Muhammad Zahir, Massim	2850
Michael Frachetti	3507
Michael Frachetti	3482
Michael Frachetti	3534
Michael Frachetti	3629
James Mallory, Svetlana Svyatko	3507
James Mallory, Svetlana Svyatko	3509
James Mallory, Svetlana Svyatko	3558
James Mallory, Svetlana Svyatko	3485
James Mallory, Svetlana Svyatko	3507
James Mallory, Svetlana Svyatko	3521
Vyacheslav Moiseyev	3600

Vyacheslav Moiseyev	3600
Vyacheslav Moiseyev	3600
Vyacheslav Moiseyev	3600
Vyacheslav Moiseyev	3600
Vyacheslav Moiseyev	3600
Vyacheslav Moiseyev	3600
Vyacheslav Moiseyev	3600
Vyacheslav Moiseyev	3600
Vyacheslav Moiseyev	3600
Vyacheslav Moiseyev	3600
Michael Frachetti	3634
Michael Frachetti	3516
Sergey Mikhailovich Slepchenko, Anatol	3713
Sergey Mikhailovich Slepchenko, Anatol	3663
Ron Pinhasi, Luca Olivieri, Muhammad Z	3100
Ron Pinhasi, Luca Olivieri, Muhammad Z	2800
Ron Pinhasi, Luca Olivieri, Muhammad Z	2950
Ron Pinhasi, Luca Olivieri, Muhammad Z	2950
Luca Olivieri, Muhammad Zahir, Massim	2853
Luca Olivieri, Muhammad Zahir, Massim	2813
Luca Olivieri, Muhammad Zahir, Massim	2829
Luca Olivieri, Muhammad Zahir, Massim	2850
Luca Olivieri, Muhammad Zahir, Massim	2798
Luca Olivieri, Muhammad Zahir, Massim	2796
Luca Olivieri, Muhammad Zahir, Massim	3450
Luca Olivieri, Muhammad Zahir, Massim	2764
Sergey Mikhailovich Slepchenko, Anatol	3735
Sergey Mikhailovich Slepchenko, Anatol	3641
Sergey Mikhailovich Slepchenko, Anatol	3732
Sergey Mikhailovich Slepchenko, Anatol	3728
Sergey Mikhailovich Slepchenko, Anatol	3713
Sergey Mikhailovich Slepchenko, Anatol	3765
Sergey Mikhailovich Slepchenko, Anatol	3728
Sergey Mikhailovich Slepchenko, Anatol	3734
Sergey Mikhailovich Slepchenko, Anatol	3646
Carles Lalueza-Fox, David Pettener	3150
Michael Frachetti	3480
Michael Frachetti	3433
Michael Frachetti	3508
Michael Frachetti	3450
Carles Lalueza-Fox, David Pettener	3728

Carles Lalueza-Fox, David Pettener	3558
Carles Lalueza-Fox, David Pettener	3626
Michael Frachetti	3450
Luca Olivieri, Muhammad Zahir, Massim	2815
Vyacheslav Moiseyev, Andrey Gromov	4550
Pinhasi, Ron	4450
Vyacheslav Moiseyev, Andrey Gromov	5450
Vyacheslav Moiseyev, Andrey Gromov	5450
Vyacheslav Moiseyev, Andrey Gromov	4946
Michael Frachetti	5068
Vyacheslav Moiseyev, Andrey Gromov	3250
Vyacheslav Moiseyev, Andrey Gromov	3405
Vyacheslav Moiseyev, Andrey Gromov	4139
Bryan Hanks, Andrey Epimakhov	3834
Bryan Hanks, Andrey Epimakhov	3900
Bryan Hanks, Andrey Epimakhov	3898
Khokhlov, Alexander	4721
Khokhlov, Alexander	4350
Anthony, David and Khokhlov, Alexande	4111
Khokhlov, Alexander	4000
Sergey Mikhailovich Slepchenko, Anatol	3596
Luca Olivieri, Muhammad Zahir, Massim	2350
Luca Olivieri, Muhammad Zahir, Massim	2700
Luca Olivieri, Muhammad Zahir, Massim	2350
Luca Olivieri, Muhammad Zahir, Massim	2350
Luca Olivieri, Muhammad Zahir, Massim	2350
Luca Olivieri, Muhammad Zahir, Massim	2350
Luca Olivieri, Muhammad Zahir, Massim	2338
Luca Olivieri, Muhammad Zahir, Massim	2350
Luca Olivieri, Muhammad Zahir, Massim	2350
Luca Olivieri, Muhammad Zahir, Massim	2350
Luca Olivieri, Muhammad Zahir, Massim	2350
Luca Olivieri, Muhammad Zahir, Massim	2351
Luca Olivieri, Muhammad Zahir, Massim	2350
Michael Frachetti	3750
Michael Frachetti	3799
Michael Frachetti	3897
Michael Frachetti	3717
Michael Frachetti	3741
Michael Frachetti	3827
Michael Frachetti	3771

Michael Frachetti	3750
Michael Frachetti	3799
Michael Frachetti	3923
Michael Frachetti	3813
Michael Frachetti	3827
Michael Frachetti	3769
Michael Frachetti	3750
Michael Frachetti	5450
Michael Frachetti	5529
Sergey Mikhailovich Slepchenko, Anatol	3732
Massimo Vidale	4600
Massimo Vidale	4600
Massimo Vidale	4600
Massimo Vidale	4600
Bryan Hanks, Andrey Epimakhov	3800
Bryan Hanks, Andrey Epimakhov	3800
Bryan Hanks, Andrey Epimakhov	3800
Bryan Hanks, Andrey Epimakhov	3800
Bryan Hanks, Andrey Epimakhov	3800
Bryan Hanks, Andrey Epimakhov	3800
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Bryan Hanks, Andrey Epimakhov	3800
Bryan Hanks, Andrey Epimakhov	3800
Bryan Hanks, Andrey Epimakhov	3800

Bryan Hanks, Andrey Epimakhov	3800
Bryan Hanks, Andrey Epimakhov	3800
Bryan Hanks, Andrey Epimakhov	3800
Alexander Khokhlov, David Anthony	3800
Bryan Hanks, Andrey Epimakhov	3737
Bryan Hanks, Andrey Epimakhov	3793
Bryan Hanks, Andrey Epimakhov	3819
Bryan Hanks, Andrey Epimakhov	3823
Bryan Hanks, Andrey Epimakhov	3853
Alexander Khokhlov, David Anthony	3950
Bryan Hanks, Andrey Epimakhov	3800
Bryan Hanks, Andrey Epimakhov	3800
Bryan Hanks, Andrey Epimakhov	3800
Bryan Hanks, Andrey Epimakhov	3769
Bryan Hanks, Andrey Epimakhov	3800
Bryan Hanks, Andrey Epimakhov	3800
Bryan Hanks, Andrey Epimakhov	3800
Bryan Hanks, Andrey Epimakhov	3791
Bryan Hanks, Andrey Epimakhov	3811
Bryan Hanks, Andrey Epimakhov	3843
Bryan Hanks, Andrey Epimakhov	3741
Bryan Hanks, Andrey Epimakhov	3775
Bryan Hanks, Andrey Epimakhov	3800
Bryan Hanks, Andrey Epimakhov	3721
Carles Lalueza-Fox, David Pettener	3587
Anthony, David	3475
Vyacheslav Moiseyev, Andrey Gromov	3250
Michael Frachetti, Egor Kitov, Gaziz Akh	3238
Michael Frachetti, Egor Kitov, Gaziz Akh	3450
Michael Frachetti	5450
Michael Frachetti	5450
Michael Frachetti	5450
Janet Monge	4413
Janet Monge	5530
Janet Monge	4707
Janet Monge	4846
Janet Monge	4341
Janet Monge	4621
Janet Monge	5569
Janet Monge	5541
Janet Monge	4062

Janet Monge	4724
Janet Monge	4724
Janet Monge	4632
Janet Monge	5462
Luca Olivieri, Muhammad Zahir, Massim	2950
Luca Olivieri, Muhammad Zahir, Massim	2950
Luca Olivieri, Muhammad Zahir, Massim	2950
Luca Olivieri, Muhammad Zahir, Massim	2950
Luca Olivieri, Muhammad Zahir, Massim	2950
Luca Olivieri, Muhammad Zahir, Massim	2950
Luca Olivieri, Muhammad Zahir, Massim	3150
Luca Olivieri, Muhammad Zahir, Massim	2950
Luca Olivieri, Muhammad Zahir, Massim	3037
Luca Olivieri, Muhammad Zahir, Massim	2950
Luca Olivieri, Muhammad Zahir, Massim	2950
Luca Olivieri, Muhammad Zahir, Massim	3016
Luca Olivieri, Muhammad Zahir, Massim	2950
Luca Olivieri, Muhammad Zahir, Massim	2950
Luca Olivieri, Muhammad Zahir, Massim	2950
Luca Olivieri, Muhammad Zahir, Massim	2910
Luca Olivieri, Muhammad Zahir, Massim	2861
Luca Olivieri, Muhammad Zahir, Massim	2888
Luca Olivieri, Muhammad Zahir, Massim	2826
Luca Olivieri, Muhammad Zahir, Massim	2854
Luca Olivieri, Muhammad Zahir, Massim	2950
Luca Olivieri, Muhammad Zahir, Massim	2950
Luca Olivieri, Muhammad Zahir, Massim	2933
Vyacheslav Moiseyev	3468
Sergey Mikhailovich Slepchenko, Anatol	6057
Sergey Mikhailovich Slepchenko, Anatol	6591
Sergey Mikhailovich Slepchenko, Anatol	8166
Carles Lalueza-Fox, David Pettener	3986
Michael Frachetti	3084
Michael Frachetti	3053
Carles Lalueza-Fox, David Pettener	3051
Carles Lalueza-Fox, David Pettener	2976
Carles Lalueza-Fox, David Pettener	3013
Carles Lalueza-Fox, David Pettener	2913
Carles Lalueza-Fox, David Pettener	3476
n/a (previously reported)	10052
n/a (previously reported)	9800

n/a (previously reported)	9800
n/a (previously reported)	9892
n/a (previously reported)	4000
n/a (previously reported)	4149
n/a (previously reported)	3475
n/a (previously reported)	3475
n/a (previously reported)	3675
n/a (previously reported)	3675
n/a (previously reported)	3475
n/a (previously reported)	3719
n/a (previously reported)	3475
n/a (previously reported)	3675
n/a (previously reported)	3800
n/a (previously reported)	3675
n/a (previously reported)	3803
n/a (modern)	0
n/a (modern)	0
n/a (modern)	0
n/a (modern)	0
n/a (modern)	0
n/a (modern)	0
n/a (modern)	0
n/a (modern)	0
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n/a (modern)	0
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n/a (previously reported)	24305
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n/a (previously reported)	8156
n/a (previously reported)	8123
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n/a (previously reported)	9800
n/a (previously reported)	9335
n/a (previously reported)	8697
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n/a (previously reported)	9800
n/a (previously reported)	10835
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n/a (previously reported)	8001
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n/a (previously reported)	11465
n/a (previously reported)	9713
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n/a (previously reported)	8458
n/a (previously reported)	8455
n/a (previously reported)	8450
n/a (previously reported)	8450
n/a (previously reported)	7872
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n/a (previously reported)	7948
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n/a (previously reported)	7446
n/a (previously reported)	7027
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n/a (previously reported)	7379
n/a (previously reported)	7671
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n/a (previously reported)	8308
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n/a (previously reported)	7088
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n/a (previously reported)	6950
n/a (previously reported)	5750
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n/a (previously reported)	7100
n/a (previously reported)	7346
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n/a (previously reported)	4950
n/a (previously reported)	4950
n/a (previously reported)	4955
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n/a (previously reported)	7072
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n/a (previously reported)	4952
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n/a (previously reported)	8288
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n/a (previously reported)	8300
n/a (previously reported)	8300
n/a (previously reported)	8281
n/a (previously reported)	8273
n/a (previously reported)	7930
n/a (previously reported)	8300
n/a (previously reported)	8251
n/a (previously reported)	8086
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n/a (previously reported)	8097
n/a (previously reported)	8300
n/a (previously reported)	8300
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n/a (previously reported)	8195
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n/a (previously reported)	7870
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n/a (previously reported)	7950
n/a (previously reported)	7950
n/a (previously reported)	8280
n/a (previously reported)	6550
n/a (previously reported)	6550
n/a (previously reported)	6550
n/a (previously reported)	7125
n/a (previously reported)	4678
n/a (previously reported)	4627
n/a (previously reported)	4727

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n/a (previously reported)	6977
n/a (previously reported)	7056
n/a (previously reported)	7037
n/a (previously reported)	6976
n/a (previously reported)	7125
n/a (previously reported)	7070
n/a (previously reported)	7051
n/a (previously reported)	5179
n/a (previously reported)	5096
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n/a (previously reported)	5131
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n/a (previously reported)	5081
n/a (previously reported)	5093
n/a (previously reported)	5185
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n/a (previously reported)	5175
n/a (previously reported)	5025
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n/a (previously reported)	7125

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n/a (previously reported)	10800
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n/a (previously reported)	6678
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n/a (previously reported)	7698
n/a (previously reported)	13665
n/a (previously reported)	9720
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n/a (previously reported)	4069
n/a (previously reported)	4935
n/a (previously reported)	4706
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n/a (previously reported)	4446
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Date: One of two formats. (Format 1) 95.4% CI calibrated radiocarbon age (Conventional Radiocarbon Age B, Lab number). (Format 2) Archaeological context date B, e.g. 2500-1700 BCE	Clumped_label
3000-2000 BCE	Steppe_EMBA
3300-2500 BCE	Steppe_EMBA
2900-2600 BCE [mate of I3950 at 2878-2636 calBCE (4160±	Steppe_EMBA
2878-2636 calBCE (4160±25 BP, PSUAMS-1955)	Steppe_EMBA
2866-2579 calBCE (4120±30 BP, PSUAMS-1957)	Steppe_EMBA
2872-2625 calBCE (4140±25 BP, PSUAMS-2293)	Steppe_EMBA
3316-2915 calBCE [2915-2878 calBCE (4270±25 BP, PSUAM	Steppe_EMBA
2950-2650 BCE [son of RISE511 with a date of 2909-2679 c	Steppe_EMBA
2950-2600 BCE [sibling of RISE511.SG who is directly datec	Steppe_EMBA
2950-2650 BCE [son of RISE509 with a date of 2887-2677 c	Steppe_EMBA
3016-2899 calBCE (4335±25 BP, PSUAMS-2350)	Steppe_EMBA
3322-2939 calBCE (4435±20 BP, PSUAMS-2405)	Steppe_EMBA
3013-2901 calBCE (4335±20 BP, PSUAMS-2406)	Steppe_EMBA
3264-2929 calBCE [3083-2916 calBCE (4375±20 BP, PSUAM	Steppe_EMBA
3003-2887 calBCE (4305±20 BP, PSUAMS-2351)	Steppe_EMBA
3331-2922 calBCE (4430±40 BP, Poz-83425)	Steppe_EMBA
3011-2887 calBCE (4310±25 BP, PSUAMS-2352)	Steppe_EMBA
3084-2911 calBCE (4370±25 BP, PSUAMS-2354)	Steppe_EMBA
3012-2897 calBCE (4330±20 BP, PSUAMS-2355)	Steppe_EMBA
3331-2704 calBCE [2926-2704 calBCE (4260±35 BP, Poz-83	Steppe_EMBA
2879-2639 calBCE (4165±25 BP, PSUAMS-1956)	Afanasievo_1d.rel.I3950
2900-2600 BCE [son of I3950 at 2878-2636 calBCE (4160±2	Afanasievo_son.I3388_son.I3950_brother.I
2837-2498 calBCE (4075±20 BP, PSUAMS-2292)	Afanasievo_son.I3388_son.I3950_brother.I
1869-1665 calBCE (3430±20 BP, PSUAMS-2496)	Ak_Moustafa_MLBA1
1618-1513 calBCE (3290±20 BP, PSUAMS-2607)	Steppe_MLBA_West
1615-1509 calBCE (3285±20 BP, PSUAMS-2608)	Steppe_MLBA_West
1640-1527 calBCE (3310±20 BP, PSUAMS-2511)	Steppe_MLBA_West
1691-1528 calBCE (3335±30 BP, PSUAMS-2124)	Steppe_MLBA_West
970-550 BCE	Aligrama_IA
970-550 BCE	Aligrama_IA
970-550 BCE	Aligrama_IA
1700-1400 BCE	Alpamsa_BA_Alakul
1000-800 BCE	SPGT
1000-800 BCE	SPGT
921-831 calBCE (2740±20 BP, PSUAMS-2786)	SPGT
974-836 calBCE (2760±20 BP, PSUAMS-2787)	SPGT

1000-800 BCE	SPGT
12000-8000 BCE	Belt_Cave_Iran_Mesolithic_LC
1600-1300 BCE	BMAC
1600-1300 BCE	BMAC
1600-1300 BCE	BMAC
1600-1300 BCE	BMAC
1880-1697 calBCE (3465±20 BP, PSUAMS-2774)	BMAC
1600-1300 BCE	BMAC
167-46 calBCE (2080±20 BP, PSUAMS-2788)	Butkara_IA
41 calBCE - 57 calCE (1990±20 BP, PSUAMS-2789)	Butkara_IA
200 BCE - 100 CE	Butkara_IA
200-0 BCE [mother of directly dated I6549 at 167-46 calBC	Butkara_IA_mother.I6549
2850-2495 calBCE (4075±25 BP, PSUAMS-2071)	Dali_EBA
1871-1636 calBCE (3420±30 BP, Beta-391199)	Steppe_MLBA_East
1495-1300 calBCE (3130±30 BP, Beta-391198)	Steppe_MLBA_East
1871-1636 calBCE (3420±30 BP, Beta-391199)	Steppe_MLBA_East
2850-2460 calBCE (3989±31 BP, OxA-31781)	Darra_i_kur_MBA
1700 BCE	Dashti_Kozy_BA
1518-1434 calBCE (3215±20 BP, PSUAMS-2510)	Dashti_Kozy_BA
1620-1506 calBCE (3285±25 BP, PSUAMS-2121)	Dashti_Kozy_BA
1609-1465 calBCE (3255±15 BP, PSUAMS-2518)	BMAC
2100-1800 BCE	BMAC
1611-1453 calBCE (3250±25 BP, PSUAMS-2112)	BMAC
1736-1621 calBCE (3370±20 BP, PSUAMS-2516)	BMAC
1513-1431 calBCE (3210±20 BP, PSUAMS-2517)	BMAC
1686-1534 calBCE (3335±20 BP, PSUAMS-3227)	BMAC
1749-1642 calBCE (3405±20 BP, PSUAMS-3228)	BMAC
1885-1701 calBCE (3480±25 BP, PSUAMS-2800)	Dzharkutan1_BA_LC
2100-1800 BCE	Dzharkutan2_BA
2100-1800 BCE	Dzharkutan2_BA
8210-7845 calBCE (8860±30 BP, Beta-432800)	Ganj_Dareh_N
8330-8255 calBCE (9000±40 BP, Beta-436170)	Ganj_Dareh_N
8200-7700 BCE	Ganj_Dareh_N
8250-7850 BCE [father of I1947 at 8210-7845 calBCE (8860	Ganj_Dareh_N_father.of.I1947_father.of.I1
8219-7761 calBCE (8850±50 BP, Poz-81114)	Ganj_Dareh_N_son.of.I1946_brother.of.I19
5000-2000 BCE	Geoksiur_EN
5000-2000 BCE	Geoksiur_EN
5000-2000 BCE	Geoksiur_EN
5000-2000 BCE	Geoksiur_EN
5000-2000 BCE	Geoksiur_EN
5000-2000 BCE	Geoksiur_EN

5000-2000 BCE	Geoksiur_EN
5000-2000 BCE	Geoksiur_EN
5000-2000 BCE	Geoksiur_EN
5000-2000 BCE	Geoksiur_EN
5000-2000 BCE	Geoksiur_EN.1d.rel.of.S8502
5000-2000 BCE	Geoksiur_EN.1d.rel.of.S8502
2130-1948 calBCE (3650±20 BP, PSUAMS-2840)	BMAC
2011-1886 calBCE (3580±20 BP, PSUAMS-2313)	BMAC
2198-2036 calBCE (3720±20 BP, PSUAMS-2316)	BMAC
2201-2031 calBCE (3720±30 BP, Poz-83485)	BMAC
2196-2034 calBCE (3715±20 BP, PSUAMS-2335)	BMAC
2009-1772 calBCE (3550±30 BP, PSUAMS-2065)	BMAC
2288-2142 calBCE (3785±20 BP, PSUAMS-2309)	BMAC
2139-1981 calBCE (3680±20 BP, PSUAMS-2310)	BMAC
2127-1905 calBCE (3630±30 BP, PSUAMS-2066)	BMAC
2134-1957 calBCE (3660±20 BP, PSUAMS-2311)	BMAC
2190-2029 calBCE (3700±20 BP, PSUAMS-2312)	BMAC
2118-1883 calBCE (3605±35 BP, Poz-83490)	BMAC
2203-2041 calBCE (3735±20 BP, PSUAMS-2314)	BMAC
2136-1977 calBCE (3670±20 BP, PSUAMS-2315)	BMAC
2125-1945 calBCE (3645±20 BP, PSUAMS-2317)	BMAC
2193-2031 calBCE (3705±20 BP, PSUAMS-2804)	BMAC
2285-2135 calBCE (3770±20 BP, PSUAMS-2806)	BMAC
2500-1600 BCE	Gonur1_BA_LC
2500-1600 BCE	Gonur1_BA_LC
2500-1600 BCE	Gonur1_BA_LC
2500-1600 BCE	Gonur1_BA_LC
2500-1700 BCE	Gonur1_BA_LC
2500-1600 BCE	Gonur1_BA_LC
2500-1700 BCE	Gonur1_BA_LC
2500-1600 BCE	Gonur1_BA_LC
2500-1700 BCE	Gonur1_BA_LC
2500-1600 BCE	Gonur1_BA_LC
2500-1700 BCE	Gonur1_BA_LC
2500-1600 BCE	Gonur1_BA_LC
2500-1600 BCE	Gonur1_BA_LC
2500-1600 BCE	Gonur1_BA_LC
2500-1700 BCE	Gonur1_BA_LC
2500-1700 BCE	Gonur1_BA_LC
2458-2202 calBCE (3840±35 BP, Poz-83487)	Gonur1_BA_o
2275-2024 calBCE (3725±35 BP, Poz-83484)	Gonur1_BA_o

2277-2030 calBCE (3735±35 BP, Poz-83486)	Gonur1_BA_o2
2139-1981 calBCE (3680±20 BP, PSUAMS-2152)	Gonur1_BA_o2
2500-1600 BCE	Gonur1_BA_sibling.I1781_LC
2452-2140 calBCE (3815±35 BP, Poz-83491)	Indus_diaspora
2465-2286 calBCE (3875±25 BP, PSUAMS-2113)	Hajji_Firuz_BA
6013-5898 calBCE (7075±30 BP, PSUAMS-2345)	Hajji_Firuz_C
6016-5899 calBCE (7080±30 BP, PSUAMS-2163)	Hajji_Firuz
5887-5724 calBCE (6915±40 BP, PSUAMS-2126)	Hajji_Firuz
5900-5500 BCE	Hajji_Firuz
6060-5851 calBCE (7090±50 BP, Poz-81115)	Hajji_Firuz
6056-5894 calBCE (7100±45 BP, PSUAMS-2151)	Hajji_Firuz
1743-1631 calBCE (3390±20 BP, PSUAMS-2545)	Steppe_MLBA_West
1745-1636 calBCE (3395±20 BP, PSUAMS-2546)	Steppe_MLBA_West
1767-1658 calBCE (3415±20 BP, PSUAMS-2961)	Steppe_MLBA_West
1767-1658 calBCE (3415±20 BP, PSUAMS-2912)	Steppe_MLBA_West
1745-1636 calBCE (3395±20 BP, PSUAMS-2939)	Steppe_MLBA_West
1931-1772 calBCE (3530±20 BP, PSUAMS-3099)	Steppe_MLBA_West
1729-1563 calBCE (3350±20 BP, PSUAMS-2991)	Kairan_MLBA_o
1754-1642 calBCE (3410±20 BP, PSUAMS-2913)	Kairan_MLBA_o
1746-1630 calBCE (3395±25 BP, PSUAMS-2543)	Kairan_MLBA_o_LC
2193-2031 calBCE (3705±20 BP, PSUAMS-2916)	Kanai_MBA
1881-1695 calBCE (3465±25 BP, PSUAMS-2122)	Steppe_MLBA_West
1861-1639 calBCE (3415±25 BP, PSUAMS-2123)	Steppe_MLBA_West
1728-1546 calBCE (3345±20 BP, PSUAMS-2611)	Steppe_MLBA_West
1200-1000 BCE	Kashkarchi_BA
1200-1000 BCE	Kashkarchi_BA
904-817 calBCE (2715±20 BP, PSUAMS-2790)	SPGT
1000-800 BCE	SPGT
968-833 calBCE (2750±20 BP, PSUAMS-2791)	SPGT
1000-800 BCE	SPGT
1611-1503 calBCE (3270±20 BP, PSUAMS-2544)	Steppe_MLBA_East
1610-1454 calBCE (3250±20 BP, PSUAMS-2612)	Steppe_MLBA_East
1640-1527 calBCE (3310±20 BP, PSUAMS-2962)	Steppe_MLBA_East
1736-1621 calBCE (3370±20 BP, PSUAMS-2915)	Steppe_MLBA_East
1611-1503 calBCE (3270±20 BP, PSUAMS-2437)	Steppe_MLBA_East
1612-1506 calBCE (3275±20 BP, PSUAMS-2435)	Steppe_MLBA_East
1685-1531 calBCE (3330±25 BP, PSUAMS-2067)	Steppe_MLBA_East
1611-1459 calBCE (3255±20 BP, PSUAMS-2436)	Steppe_MLBA_East
1611-1503 calBCE (3270±20 BP, PSUAMS-2960)	Steppe_MLBA_East
1623-1518 calBCE (3295±20 BP, PSUAMS-2865)	Steppe_MLBA_East
1900-1400 BCE	Steppe_MLBA_East

1900-1400 BCE	Steppe_MLBA_East
2000-900 BCE	Steppe_MLBA_East
1900-1400 BCE	Steppe_MLBA_East
1900-1400 BCE	Steppe_MLBA_East
1900-1400 BCE	Steppe_MLBA_East
1900-1400 BCE	Steppe_MLBA_East
1900-1400 BCE	Steppe_MLBA_East
2000-900 BCE	Steppe_MLBA_East
1900-1400 BCE	Krasnoyarsk_MLBA_father_or_son.I6718
2000-900 BCE	Krasnoyarsk_MLBA_o
1741-1627 calBCE (3385±20 BP, PSUAMS-2963)	Steppe_MLBA_East
1618-1513 calBCE (3290±20 BP, PSUAMS-2613)	Kyzlbulak_MBA2
1862-1664 calBCE (3425±20 BP, PSUAMS-2921)	Steppe_MLBA_West
1767-1658 calBCE (3415±20 BP, PSUAMS-2942)	Steppe_MLBA_West
1300-1000 BCE	SPGT
900-800 BCE	SPGT
1000-800 BCE	SPGT
900-800 BCE	SPGT
971-834 calBCE (2755±20 BP, PSUAMS-2795)	SPGT
906-820 calBCE (2720±20 BP, PSUAMS-2797)	SPGT
927-831 calBCE (2745±20 BP, PSUAMS-2793)	SPGT
1000-800 BCE	SPGT
895-801 calBCE (2675±20 BP, PSUAMS-2794)	SPGT
894-798 calBCE (2670±20 BP, PSUAMS-2792)	SPGT
1000-800 BCE	SPGT
831-796 calBCE (2645±20 BP, PSUAMS-2796)	Loebanr_IA_father.I6292
1877-1693 calBCE (3455±20 BP, PSUAMS-2922)	Steppe_MLBA_West
1745-1636 calBCE (3395±20 BP, PSUAMS-2925)	Steppe_MLBA_West
1876-1688 calBCE (3445±20 BP, PSUAMS-2926)	Steppe_MLBA_West
1872-1684 calBCE (3435±20 BP, PSUAMS-2980)	Steppe_MLBA_West
1862-1664 calBCE (3425±20 BP, PSUAMS-2923)	Steppe_MLBA_West
1882-1748 calBCE (3485±20 BP, PSUAMS-2928)	Steppe_MLBA_West
1872-1684 calBCE (3435±20 BP, PSUAMS-2929)	Steppe_MLBA_West
1876-1691 calBCE (3450±20 BP, PSUAMS-2924)	Maitan_MLBA_Alakul_o
1749-1642 calBCE (3405±20 BP, PSUAMS-2927)	Maitan_MLBA_Alakul_o
1400-1000 BCE	Talapty_MLBA
1609-1450 calBCE (3245±20 BP, PSUAMS-2548)	Steppe_MLBA_East
1527-1439 calBCE (3220±20 BP, PSUAMS-2547)	Steppe_MLBA_East
1617-1498 calBCE (3270±25 BP, PSUAMS-2964)	Steppe_MLBA_East
1600-1400 BCE	Steppe_MLBA_East
1872-1684 calBCE (3435±20 BP, PSUAMS-3115)	Steppe_MLBA_East

1683-1532 calBCE (3330±20 BP, PSUAMS-2499)	Steppe_MLBA_East
1734-1617 calBCE (3365±20 BP, PSUAMS-2492)	Oy_Dzhaylau_MLBA_o2
1600-1400 BCE	Oy_Dzhaylau_MLBA_o2
970-550 BCE	Pakistan_IA_Aligrama_all
3000-2200 BCE	Parkhai_EBA
2500 BCE	Parkhai_EBA_LC
3500 BCE	Parkhai_EN
3500 BCE	Parkhai_EN
3082-2909 calBCE (4365±25 BP, PSUAMS-2950)	Parkhai_EN
3307-2928 calBCE (4425±20 BP, PSUAMS-2799)	Parkhai_EN
1600-1000 BCE	Parkhai_LBA
1497-1413 calBCE (3170±20 BP, PSUAMS-2998)	Parkhai_LBA_o
2338-2039 calBCE (3775±40 BP, PSUAMS-2951)	Parkhai_MBA
2023-1744 calBCE (3540±52 BP, AA-90949)	Petrovka
2200-1700 BCE	Petrovka
2130-1765 calBCE (3584±55 BP, AA-90948)	Petrovka
2876-2666 calBCE (4160±20 BP, PSUAMS-2956)	Steppe_EMBA
2800-2000 BCE	Steppe_EMBA
2341-1981 calBCE (AA-53806)	Steppe_EMBA
2200-1900 BCE	Steppe_EMBA
1729-1563 calBCE (3350±20 BP, PSUAMS-2918)	Preobrazhenka_MLBA
500-300 BCE	Saidu_Sharif_IA
1000-500 BCE	Saidu_Sharif_IA
500-300 BCE	Saidu_Sharif_IA
500-300 BCE	Saidu_Sharif_IA
500-300 BCE	Saidu_Sharif_IA
500-300 BCE	Saidu_Sharif_IA
403-360 calBCE (2296±19 BP, CIRCE DSH-5624)	Saidu_Sharif_IA
500-300 BCE	Saidu_Sharif_IA
500-300 BCE	Saidu_Sharif_IA
500-300 BCE	Saidu_Sharif_IA
406-353 calBCE (2292±31 BP, CIRCE DSH-5625)	Saidu_Sharif_IA
431-381 calBCE (2346±21 BP, CIRCE DSH-6526)	Saidu_Sharif_IA_LC
500-300 BCE	Saidu_Sharif_IA_o
2000-1600 BCE	BMAC
1931-1767 calBCE (3525±25 BP, PSUAMS-3120)	BMAC
2010-1883 calBCE (3575±20 BP, PSUAMS-3230)	BMAC
1873-1661 calBCE (3430±25 BP, PSUAMS-2536)	BMAC
1881-1701 calBCE (3475±20 BP, PSUAMS-3229)	BMAC
1971-1782 calBCE (3560±20 BP, PSUAMS-3121)	BMAC
1886-1756 calBCE (3500±20 BP, PSUAMS-2165)	BMAC

2000-1600 BCE	BMAC
1931-1767 calBCE (3525±25 BP, PSUAMS-2125)	BMAC
2031-1915 calBCE (3615±20 BP, PSUAMS-3106)	BMAC
1948-1777 calBCE (3545±20 BP, PSUAMS-3117)	BMAC
1971-1782 calBCE (3560±20 BP, PSUAMS-3122)	BMAC
1885-1752 calBCE (3495±20 BP, PSUAMS-3231)	BMAC
2000-1600 BCE	Sappali_Tepe_BA_o
3500 BCE	Sarazm_EN
3636-3521 calBCE (4765±20 BP, PSUAMS-2624)	Sarazm_EN
1876-1688 calBCE (3445±20 BP, PSUAMS-2981)	Satan_MLBA_Alakul
2650-2550 BCE	Shahr_I_Sokhta_BA1
2800 BCE	Shahr_I_Sokhta_BA1
3200-3000 BCE	Indus_diaspora
2550-2450 BCE	Indus_diaspora
2050-1650 BCE [based on 12 directly dates samples]	Steppe_MLBA_West
2050-1650 BCE [based on 12 directly dates samples]	Steppe_MLBA_West
2050-1650 BCE [based on 12 directly dates samples]	Steppe_MLBA_West
2050-1650 BCE [based on 12 directly dates samples]	Steppe_MLBA_West
2050-1650 BCE [based on 12 directly dates samples]	Steppe_MLBA_West
2050-1650 BCE [based on 12 directly dates samples]	Steppe_MLBA_West
2050-1650 BCE [based on 12 directly dates samples]	Steppe_MLBA_West
2050-1650 BCE [based on 12 directly dates samples]	Steppe_MLBA_West
2050-1650 BCE [based on 12 directly dates samples]	Steppe_MLBA_West
2050-1650 BCE [based on 12 directly dates samples]	Steppe_MLBA_West
2050-1650 BCE [based on 12 directly dates samples]	Steppe_MLBA_West
2050-1650 BCE [based on 12 directly dates samples]	Steppe_MLBA_West
2050-1650 BCE [based on 12 directly dates samples]	Steppe_MLBA_West
2050-1650 BCE [based on 12 directly dates samples]	Steppe_MLBA_West
2050-1650 BCE [based on 12 directly dates samples]	Steppe_MLBA_West
2050-1650 BCE [based on 12 directly dates samples]	Steppe_MLBA_West
2050-1650 BCE [based on 12 directly dates samples]	Steppe_MLBA_West
2050-1650 BCE [based on 12 directly dates samples]	Steppe_MLBA_West
2050-1650 BCE [based on 12 directly dates samples]	Steppe_MLBA_West
2050-1650 BCE [based on 12 directly dates samples]	Steppe_MLBA_West
2050-1650 BCE [based on 12 directly dates samples]	Steppe_MLBA_West
2050-1650 BCE [based on 12 directly dates samples]	Steppe_MLBA_West
2050-1650 BCE [based on 12 directly dates samples]	Steppe_MLBA_West
2050-1650 BCE [based on 12 directly dates samples]	Steppe_MLBA_West
2050-1650 BCE [based on 12 directly dates samples]	Steppe_MLBA_West
2050-1650 BCE [based on 12 directly dates samples]	Steppe_MLBA_West
2050-1650 BCE [based on 12 directly dates samples]	Steppe_MLBA_West

2050-1650 BCE [based on 12 directly dates samples]	Steppe_MLBA_West
2050-1650 BCE [based on 12 directly dates samples]	Steppe_MLBA_West
2050-1650 BCE [based on 12 directly dates samples]	Steppe_MLBA_West
2050-1650 BCE [based on 12 directly dates samples]	Steppe_MLBA_West
1879-1694 calBCE (3460±20 BP, PSUAMS-2102)	Steppe_MLBA_West
1922-1763 calBCE (3520±25 BP, PSUAMS-2064)	Steppe_MLBA_West
1962-1775 calBCE (3550±25 BP, PSUAMS-1954)	Steppe_MLBA_West
1973-1772 calBCE (3549±29 BP, OxA-12531)	Steppe_MLBA_West
2023-1782 calBCE (3572±29 BP, OxA-12530)	Steppe_MLBA_West
2200-1800 BCE	Steppe_MLBA_West
2050-1650 BCE [based on 12 directly dates samples]	Sintashta_MLBA_1d.rel.I1086
2050-1650 BCE [based on 12 directly dates samples]	Sintashta_MLBA_1st.degree.rel.I1055
2050-1650 BCE [based on 12 directly dates samples]	Sintashta_MLBA_1st.degree.rel.I1084
1891-1746 calBCE (3495±25 BP, PSUAMS-1952)	Sintashta_MLBA_brother.of.I1053
2050-1650 BCE [based on 12 directly dates samples]	Sintashta_MLBA_o1
2050-1650 BCE [based on 12 directly dates samples]	Sintashta_MLBA_o1
2050-1650 BCE [based on 12 directly dates samples]	Sintashta_MLBA_o1
1929-1753 calBCE (3520±30 BP, Beta-436294)	Sintashta_MLBA_o1
1949-1772 calBCE (3540±25 BP, PSUAMS-1953)	Sintashta_MLBA_o2
2012-1774 calBCE (3555±31 BP, OxA-12533)	Sintashta_MLBA_o2
1886-1695 calBCE (3475±30 BP, PSUAMS-2101)	Sintashta_MLBA_o2_brother.of.I1057
1906-1743 calBCE (3500±30 BP, Beta-436363)	Sintashta_MLBA_o2_brother.of.I1057
2050-1650 BCE [based on 12 directly dates samples]	Sintashta_MLBA_o3
1878-1664 calBCE (3440±30 BP, Beta-436293)	Sintashta_MLBA_o3
1728-1546 calBCE (3345±20 BP, PSUAMS-3183)	Steppe_MLBA_West
1850-1200 BCE	Steppe_MLBA_West
1600-1000 BCE	Sumbar_LBA
1379-1196 calBCE (3015±20 BP, PSUAMS-2614)	Taldysay_MLBA1
1600-1400 BCE	Taldysay_MLBA2
4000-3000 BCE	Tepe_Anau_EN
4000-3000 BCE	Tepe_Anau_EN
4000-3000 BCE	Tepe_Anau_EN
2575-2350 calBCE (3970±30 BP, PSUAMS-1916)	Tepe_Hissar_C
3641-3519 calBCE (4780±30 BP, PSUAMS-1919)	Tepe_Hissar_C
2878-2636 calBCE (4160±25 BP, PSUAMS-1915)	Tepe_Hissar_C
2916-2876 calBCE (4265±25 BP, PSUAMS-1914)	Tepe_Hissar_C
2474-2307 calBCE (3915±25 BP, PSUAMS-1918)	Tepe_Hissar_C
2849-2492 calBCE (4070±25 BP, PSUAMS-2229)	Tepe_Hissar_C
3702-3536 calBCE (4850±30 BP, PSUAMS-2228)	Tepe_Hissar_C
3656-3526 calBCE (4820±30 BP, PSUAMS-1912)	Tepe_Hissar_C
2197-2027 calBCE (3705±25 BP, PSUAMS-2227)	Tepe_Hissar_C

2881-2666 calBCE (4170±25 BP, PSUAMS-2262)	Tepe_Hissar_C
2881-2666 calBCE (4170±25 BP, PSUAMS-1913)	Tepe_Hissar_C
2858-2505 calBCE (4095±25 BP, PSUAMS-1917)	Tepe_Hissar_C
3639-3385 calBCE (4760±25 BP, PSUAMS-2346)	Tepe_Hissar_C_LC
1200-800 BCE	SPGT
1200-800 BCE	SPGT
1200-800 BCE	SPGT
1100-900 BCE	SPGT
1200-800 BCE	SPGT
1200-800 BCE	SPGT
1372-1027 calBCE (2964±45 BP, CEDAD-LTL12131A)	SPGT
1200-800 BCE	SPGT
1195-978 calBCE (2890±30 BP, Beta-428665)	SPGT
1044-830 cal BCE (2785±45 BP, CEDAD LTL13328A)	SPGT
1400-1126 cal BCE (3018± 45 BP, CEDAD LTL13327A)	SPGT
1192-939 calBCE (2880±30 BP, Beta-428667)	SPGT
1200-800 BCE	SPGT
1200-800 BCE	SPGT
1200-800 BCE	SPGT
1011-909 calBCE (2810±20 BP, PSUAMS-2841)	SPGT
992-830 calBCE (2760±30 BP, Beta-428664)	SPGT
1027-848 calBCE (2800±30 BP, Beta-428666)	SPGT
921-831 calBCE (2740±20 BP, PSUAMS-2798)	Udegram_IA_1d.rel.I6900
976-832 calBCE (2760±25 BP, PSUAMS-2157)	Udegram_IA_father.or.son.I1799
1200-800 BCE	Udegram_IA_LC
1376-1041 cal BCE (2969± 45 BP, CEDAD LTL14411A)	Udegram_IA_LC
1044-922 calBCE (2830±20 BP, PSUAMS-2632)	Udegram_IA_son.I13262
1596-1439 calBCE (3230±20 BP, PSUAMS-2978)	Unknown_MLBA
4230-3983 calBCE (5261±33 BP, OxA-33486)	West_Siberia_N
4723-4558 calBCE (5805±25 BP, PSUAMS-2359)	West_Siberia_N
6361-6071 calBCE [6335-6071 calBCE (7330±40 BP, Poz-82	West_Siberia_N
2132-1940 calBCE (3645±25 BP, PSUAMS-2079)	Steppe_MLBA_East
1211-1056 calBCE (2935±20 BP, PSUAMS-2515)	Zevakinskiy_LBA
1193-1013 calBCE (2905±20 BP, PSUAMS-2512)	Zevakinskiy_LBA
1191-1010 calBCE (2900±20 BP, PSUAMS-2506)	Zevakinskiy_LBA
1111-941 calBCE (2860±20 BP, PSUAMS-2540)	Zevakinskiy_LBA
1126-1000 calBCE (2885±20 BP, PSUAMS-2507)	Zevakinskiy_LBA
1025-901 calBCE (2810±25 BP, PSUAMS-2080)	Zevakinskiy_LBA
1609-1443 calBCE (3240±25 BP, PSUAMS-2502)	Zevakinskiy_MLBA
8241-7962 calBCE (8915±40 BP, PSUAMS-2261)	Ganj_Dareh_N
8000-7700 BCE	Ganj_Dareh_N

8000-7700 BCE	Ganj_Dareh_N
8202-7681 calBCE (8800±50 BP, Poz-81109)	Ganj_Dareh_N
2200-1900 BCE	Steppe_EMBA
2469-1928 calBCE (3760±100 BP, AA-12568)	Steppe_EMBA
1850-1200 BCE	Steppe_MLBA_West
1850-1200 BCE	Steppe_MLBA_West
1850-1600 BCE	Steppe_MLBA_West
1850-1600 BCE	Steppe_MLBA_West
1850-1200 BCE	Steppe_MLBA_West
1906-1631 calBCE (3455±56 BP, AA-47808)	Steppe_MLBA_West
1850-1200 BCE	Steppe_MLBA_West
1850-1600 BCE	Steppe_MLBA_West
2050-1650 BCE [1st degree relative of I0354 with date of B	Srubnaya_1d.rel.I0354
1850-1600 BCE	Srubnaya_1d.rel.I0430
2014-1692 calBCE (3517±56 BP, AA-47809)	Srubnaya_o
present	Papuan.DG
present	Papuan.DG
present	Papuan.DG
present	Papuan.DG
present	Papuan.DG
present	Papuan.DG
present	Papuan.DG
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present	Papuan.DG
present	Papuan.DG
5726-5622 calBCE (6756±37 BP, OxA-27678)	DevilsGate.SG
present	Karitiana.SG
22570-22140 calBCE (20240±60 BP, UCIAMS-79666)	MA1_HG.SG
present	Australian.DG
present	Han.DG
present	Karitiana.DG
present	Mbuti.DG
present	Papuan.DG
present	Dai.DG
50000 BCE	Altai_published.DG
2500-2000 BCE	Corded_Ware_Czech
2500-2000 BCE	Corded_Ware_Czech

2500-2000 BCE	Corded_Ware_Czech
present	BIR.SG
present	BIR.SG
present	BIR.SG
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present	RIA.SG
50000 BCE	Denisovan_published.DG
present	Han.DG
present	Karitiana.DG
present	Mbuti.DG
present	Papuan.DG
present	Dai.DG
7035-6590 calBCE (7874±72 BP, PSUAMS-2369 corrected f	Iron_Gates_HG
6340-5990 calBCE (7260±76 BP, PSUAMS-2360 corrected f	Iron_Gates_HG
6361-6050 calBCE (7315±63 BP, OxA-16942, corrected for	Iron_Gates_HG
6355-5990 calBCE (7264±80 BP, OxA-16941, on Burial 20 -	Iron_Gates_HG
7076-6699 calBCE (8016±58 BP, OxA-13613, corrected for	Iron_Gates_HG
6220-5995 calBCE (7209±57 BP, PSUAMS-2374 corrected f	Iron_Gates_HG
8300-7400 BCE	Iron_Gates_HG
7580-7190 calBCE (8369±73, OxA-31595)	Iron_Gates_HG
7021-6473 calBCE [7812±69 BP, freshwater reservoir corre	Iron_Gates_HG
9140-8570 calBCE (9469±70 BP, PSUAMS-2377 corrected f	Iron_Gates_HG
9500-6200 BCE	Iron_Gates_HG
9221-8548 calBCE (9480±110 BP, AA-57771, corrected for	Iron_Gates_HG
8290-7825 calBCE (8943±77 BP, BM-1146)	Iron_Gates_HG
9115-8555 calBCE (9424±55 BP, PSUAMS-2376 corrected f	Iron_Gates_HG
8805-8355 calBCE (9363±64 BP, PSUAMS-2408 corrected f	Iron_Gates_HG
8535-8230 calBCE (9105±62 BP, PSUAMS-2375 corrected f	Iron_Gates_HG
8265-7820 calBCE (8907±66 BP, PSUAMS-2407 corrected f	Iron_Gates_HG
9500-6200 BCE	Iron_Gates_HG
6224-5878 calBCE (7158±85 BP, AA-57770, corrected for F	Iron_Gates_HG
7340-6640 calBCE (8047±122 BP, OxA-4380)	Iron_Gates_HG
7060-6570 calBCE (7904±93 BP, OxA-8581)	Iron_Gates_HG
7000-6300 BCE	Iron_Gates_HG
7100-5900 BCE	Iron_Gates_HG
5995-5710 calBCE (6955±76 BP, PSUAMS-2383 corrected f	Iron_Gates_HG
8240-7940 calBCE	Iron_Gates_HG

7045-6535 calBCE (7870±78 BP, PSUAMS-2295 corrected f	Iron_Gates_HG
6500-6250 calBCE	Iron_Gates_HG
6570-6255 calBCE (7570±63 BP, PSUAMS-2385 corrected f	Iron_Gates_HG
6000-5725 calBCE (6979±75 BP, PSUAMS-2384 corrected f	Iron_Gates_HG
9755-9275 calBCE (9942±66 BP, PSUAMS-2294 corrected f	Iron_Gates_HG
7940-7585 calBCE (8676±58 BP, PSUAMS-2296 corrected f	Iron_Gates_HG
6636-6476 calBCE (7725±40 BP, OxA-20702)	Iron_Gates_HG
6645-6465 calBCE (7728±51 BP, PSUAMS-2382 corrected f	Iron_Gates_HG
6615-6400 calBCE (7643±63 BP, PSUAMS-2380 corrected f	Iron_Gates_HG
6635-6375 calBCE (7625±71 BP, PSUAMS-2381 corrected f	Iron_Gates_HG
7100-5900 BCE	Iron_Gates_HG
7100-5900 BCE	Iron_Gates_HG
6006-5838 calBCE (7035±40 BP, OxA-16544)	Iron_Gates_HG
7465-7078 calBCE (8240±70 BP)	Latvia_HG
6075-5920 calBCE (7140±40 BP, PSUAMS-2230)	Latvia_HG
5763-5633 calBCE (6815±40 BP, PSUAMS-2236)	Latvia_HG
5606-5385 calBCE (6530±35 BP, PSUAMS-2231)	Latvia_HG
5302-4852 calBCE (6145±80 BP, Ua-19883)	Latvia_HG
6061-5990 calBCE (7150±25 BP, PSUAMS-2839)	Latvia_HG
5482-5375 calBCE (6470±25 BP, PSUAMS-2838)	Latvia_HG
5775-5666 calBCE (6845±25 BP, PSUAMS-2836)	Latvia_HG
5462-5220 calBCE (6335±35 BP, PSUAMS-2235)	Latvia_HG
5220-5039 calBCE (6180±30 BP, PSUAMS-2264)	Latvia_HG
4837-4713 calBCE (5900±30 BP, PSUAMS-2265)	Latvia_HG
6601-6476 calBCE (7715±25 BP, PSUAMS-2835)	Latvia_HG
5841-5636 calBCE (6840±55 BP, Hela-1212)	Latvia_HG
6467-6249 calBCE (7525±60 BP, LuS-8220)	Latvia_HG
5728-5646 calBCE (6800±25 BP, PSUAMS-2683)	Latvia_HG
5479-5374 calBCE (6460±25 BP, PSUAMS-2837)	Latvia_HG
5500-4775 BCE	LBK_EN
5500-4775 BCE	LBK_EN
5500-4500 BCE	LBK_EN
5500-4775 BCE	LBK_EN
5500-4500 BCE	LBK_EN
5500-4500 BCE	LBK_EN
5500-4500 BCE	LBK_EN
5500-4500 BCE	LBK_EN
4000-3600 BCE	Tripolye
3758-3636 calBCE (4888±32 BP, OxA-26204)	Tripolye
3931-3640 calBCE [3705-3640 calBCE (4890±30 BP, Beta-4	Tripolye
3911-3659 calBCE (4976±33 BP, OxA-26203)	Tripolye

5286-5062 calBCE (6210±20 BP, PSUAMS-2830)	Ukraine_N
5208-5003 calBCE (6140±25 BP, PSUAMS-2827)	Ukraine_N
5345-5215 calBCE (6300±35 BP, PSUAMS-1909)	Ukraine_N
5374-5226 calBCE (6340±25 BP, PSUAMS-2688)	Ukraine_N
5465-5310 calBCE (6375±20 BP, PSUAMS-2687)	Ukraine_N
5291-5060 calBCE (6210±25 BP, PSUAMS-2810)	Ukraine_N
5314-5220 calBCE (6290±25 BP, PSUAMS-2829)	Ukraine_N
5460-5218 calBCE (6330±35 BP, PSUAMS-1908)	Ukraine_N
5500-4800 BCE	Ukraine_N
5218-5059 calBCE (6190±20 BP, PSUAMS-2825)	Ukraine_N
5473-5329 calBCE (6420±35 BP, PSUAMS-1911)	Ukraine_N
5301-4982 calBCE (6175±60 BP, OxA-6162)	Ukraine_N
5310-4785 calBCE (6110±120 BP, OxA-5031)	Ukraine_N
4722-4548 calBCE (5795±35 BP, PSUAMS-1910)	Ukraine_N
7446-7058 calBCE (8190±60 BP, Poz-81129, date suspect b	Ukraine_N
6248-6070 calBCE (7320±40 BP, Poz-81154)	Ukraine_N
5507-5376 calBCE (6490±25 BP, PSUAMS-2300)	Ukraine_N
5636-5521 calBCE (6655±35 BP, PSUAMS-1907)	Ukraine_N
5475-5344 calBCE (6430±25 BP, PSUAMS-2684)	Ukraine_N
5467-5315 calBCE (6385±25 BP, PSUAMS-2807)	Ukraine_N
5489-5375 calBCE (6485±25 BP, PSUAMS-2808)	Ukraine_N
6500-4000 BCE	Ukraine_N
5190-4911 calBCE (6080±25 BP, PSUAMS-2301)	Ukraine_N
5469-5328 calBCE (6410±25 BP, PSUAMS-2302)	Ukraine_N
5500-4800 BCE	Ukraine_N
5469-5322 calBCE (6400±25 BP, PSUAMS-2809)	Ukraine_N
6500-4000 BCE	Ukraine_N
5473-5326 calBCE (6420±40 BP, Poz-81153)	Ukraine_N
5364-5213 calBCE (6300±40 BP, Poz-81130)	Ukraine_N
3300-2700 BCE	Yamnaya_Ukraine
3300-2700 BCE	Yamnaya_Ukraine
3095-2915 calBCE (4390±30 BP, Beta-432809)	Yamnaya_Ukraine_Ozera
6211-6051 calBCE (7245±25 BP, PSUAMS-2954)	Anatolia_N
6207-6012 calBCE (7215±30 BP, PSUAMS-2953)	Anatolia_N
2900-2700 calBCE (4421±27 BP, MAMS-14825)	Baden_LCA
5983-5747 calBCE (6980±50 BP, Beta-226472)	WHG
6773-5886 BCE [other dates in the layer used in the Bayesi	EHG
5217-5041 calBCE (6174±29 BP, MAMS-22823)	LBK_EN
5222-5022 calBCE (6180±34 BP, MAMS-21485)	LBK_EN
5500-4850 BCE	LBK_EN
5500-4850 BCE	LBK_EN

5500-4850 BCE	LBK_EN
5657-5541 calBCE (6680±30 BP, Beta-392490)	EHG
2921-2762 calBCE (4260±30 BP, Beta-392487)	Steppe_EMBA
3300-2700 BCE	Steppe_EMBA
3010-2622 calBCE (4234±60 BP, AA-47805)	Steppe_EMBA
3335-2882 calBCE (4370±75 BP, AA-12570)	Steppe_EMBA
3321-2921 calBCE (4420±30 BP, Beta-392491)	Steppe_EMBA
3300-2700 BCE	Steppe_EMBA
3339-2918 calBCE (4432±66 BP, AA-47804)	Steppe_EMBA
3090-2913 calBCE (4380±30 BP, Beta-392489)	Steppe_EMBA
3021-2635 calBCE (4254±61 BP, AA-47807)	Steppe_EMBA
6424-6251 calBCE (7475±30 BP, PSUAMS-2297)	Anatolia_N
6500-6200 BCE	Anatolia_N
6500-6200 BCE	Anatolia_N
6500-6200 BCE	Anatolia_N
6426-6236 calBCE (7460±50 BP, Poz-82231)	Anatolia_N
6402-6243 calBCE (7455±30 BP, PSUAMS-2299)	Anatolia_N
6067-5892 calBCE (7110±50 BP, Poz-82177)	Anatolia_N
6500-6200 BCE	Anatolia_N
6374-6227 calBCE (7405±30 BP, PSUAMS-2105)	Anatolia_N
6215-6056 calBCE (7255±30 BP, PSUAMS-2952)	Anatolia_N
6500-6200 BCE	Anatolia_N
6221-6073 calBCE (7285±30 BP, PSUAMS-2103)	Anatolia_N
6500-6200 BCE	Anatolia_N
6500-6200 BCE	Anatolia_N
6422-6253 calBCE (7475±25 BP, PSUAMS-2947)	Anatolia_N
6376-6231 calBCE (7415±30 BP, PSUAMS-2104)	Anatolia_N
6387-6103 calBCE (7385±40 BP, PSUAMS-1964)	Anatolia_N
6400-5600 BCE	Anatolia_N
5995-5845 calBCE (7035±35 BP, PSUAMS-1965)	Anatolia_N
6400-5600 BCE	Anatolia_N
6400-5600 BCE	Anatolia_N
6400-5600 BCE	Anatolia_N
6773-5886 BCE [other dates in the layer used in the Bayesi	EHG
5200-4000 BCE	Khvalynsk_EN
5200-4000 BCE	Khvalynsk_EN
5200-4000 BCE	Khvalynsk_EN
5500-4850 BCE	LBK_EN
2872-2583 calBCE (4130±30 BP, Beta-392488)	Steppe_EMBA
2867-2486 calBCE (4081±54 BP, AA-53803)	Steppe_EMBA
2887-2666 calBCE (4180±30 BP, Beta-392492)	Steppe_EMBA

2800-2000 BCE	Steppe_EMBA
2925-2491 calBCE (4180±84 BP, AA-12569)	Steppe_EMBA
2125-1769 calBCE (3583±52 BP, AA-53802)	Steppe_EMBA
1850-1600 BCE	Steppe_MLBA_West
1850-1600 BCE	Steppe_MLBA_West
present	Ami.DG
present	Ami.DG
present	Atayal.DG
present	Australian.DG
present	Balochi.DG
present	Balochi.DG
present	Brahmin.DG
present	Brahmin.DG
present	Brahui.DG
present	Brahui.DG
present	Burusho.DG
present	Burusho.DG
present	Chukchi.DG
present	Han.DG
present	Han.DG
present	Irula.DG
present	Irula.DG
present	Kapu.DG
present	Kapu.DG
present	Karitiana.DG
present	Karitiana.DG
present	Kashmiri_Pandit.DG
present	Madiga.DG
present	Madiga.DG
present	Mala.DG
present	Mala.DG
present	Mala.DG
present	Mbuti.DG
present	Mbuti.DG
present	Mbuti.DG
present	Onge.DG
present	Onge.DG
present	Pathan.DG
present	Pathan.DG
present	Punjabi.DG
present	Punjabi.DG

present	Punjabi.DG
present	Punjabi.DG
present	Relli.DG
present	Relli.DG
present	Sindhi.DG
present	Sindhi.DG
present	Bengali.DG
present	Bengali.DG
present	Dai.DG
present	Dai.DG
present	Dai.DG
present	Kharia.DG
present	Kurumba.DG
present	Kusunda.DG
present	Kusunda.DG
present	Makrani.DG
present	Makrani.DG
2575-2469 calBCE (3997±29 BP, OxA-29631)	Ethiopia_4500BP.SG
5310-5070 calBCE (6246±30 BP, MAMS-24635)	LBK_EN
5213-5009 calBCE (6156±35 BP, MAMS-21480)	LBK_EN
5202-4852 calBCE (6080±32 BP, KIA-40341)	LBK_EN
5210-5002 calBCE (6153±33 BP, MAMS-21482)	LBK_EN
5211-4963 calBCE (6130±40 BP, KIA-40350)	LBK_EN
5201-4850 calBCE (6076±34 BP, KIA-40348)	LBK_EN
5500-4850 BCE	LBK_EN
5219-5021 calBCE (6173±34 BP, MAMS-21483)	LBK_EN
5211-4991 calBCE (6136±34 BP, MAMS-21479)	LBK_EN
3359-3098 calBCE (4520±35 BP, Poz-83635)	Baden_LCA
3346-2945 calBCE (4460±40 BP, Poz-88230)	Baden_LCA
3600-2850 BCE	Baden_LCA
3337-3024 calBCE (4465±30 BP, Poz-83637)	Baden_LCA
3600-2850 BCE	Baden_LCA
3332-2929 calBCE (4440±35 BP, Poz-88231)	Baden_LCA
3332-2929 calBCE (4440±35 BP, Poz-88228)	Baden_LCA
3340-2945 calBCE (4455±35 BP, Poz-88227)	Baden_LCA
3367-3103 calBCE (4545±35 BP, Poz-83634)	Baden_LCA
3300-2850 BCE	Baden_LCA
3600-2850 BCE	Baden_LCA
3300-2850 BCE	Baden_LCA
5199-4857 calBCE (6081±30 BP, KIA-40344)	LBK_EN
5500-4850 BCE	LBK_EN

5500-4850 BCE	LBK_EN
5210-5002 calBCE (6144±32 BP, KIA-40343)	LBK_EN
5295-5057 calBCE (6211±32 BP, KIA-40349)	LBK_EN
5500-4850 BCE	LBK_EN
5500-4850 BCE	LBK_EN
5500-4850 BCE	LBK_EN
5500-4850 BCE	LBK_EN
5500-4850 BCE	LBK_EN
5350-5000 BCE [1d.rel.I2005]	LBK_EN
5212-4992 calBCE (6137±35 BP, KIA-40342)	LBK_EN
3943-3708 calBCE (5016±31 BP, OxA-32776)	Anatolia_C
4330-4060 calBCE (5366±31 BP, OxA-19331)	Armenia_C
4230-4000 calBCE (5285±29 BP, OxA-18599)	Armenia_C
4350-3500 BCE	Armenia_C
4250-4050 calBCE (5323±30 BP, OxA-19332)	Armenia_C
4229-3985 calBCE (5260±30 BP, Poz-81110)	Armenia_Chalcolithic
2619-2465 calBCE (4005±35 BP, Poz-81102)	Armenia_EBA
2619-2410 calBCE (3990±35 BP, Poz-22234)	Armenia_EBA
3347-3092 calBCE (4492±29 BP, OxA-31874)	Armenia_EBA
8179-7613 calBCE (8780±50 BP, Poz-81100)	Ganj_Dareh_N
9100-8600 BCE	HotuIIIb
3972-3800 calBCE (5105±35 BP, Poz-81108)	Seh_Gabi_C
4831-4612 calBCE (5860±40 BP, Poz-81105)	Seh_Gabi_C
4839-4617 calBCE (5870±40 BP, Poz-81107)	Seh_Gabi_C
4696-4491 calBCE (5740±40 BP, Poz-81104)	Seh_Gabi_C
3956-3796 calBCE (5070±30 BP, Poz-81106)	Seh_Gabi_C
5837-5659 calBCE (6850±50 BP, OxA-33168)	Seh_Gabi_LN
11820-11610 calBCE (11855±50 BP, OxA-27763)	Bichon.SG
7940-7600 calBCE [7938-7580 calBCE (8665±65 BP, RTT-52	CHG
11430-11180 calBCE (11415±50 BP, OxA-34632)	CHG
present	Chimp.REF
16480-15480 calBCE (14710±60 BP, MAMS-27186)	AfontovaGora3
16880-16660 calBCE (15460±40 BP, MAMS-14585)	ElMiron
33210-32480 calBCE (30880+170-160 BP, GrA-46175)	GoyetQ116_1_published
36730-34310 calBCE (33250±500 BP, OxA-X-2395-15)	Kostenki14
28760-27360 BCE [28634-27458 calBCE (GrN-15277: 2574(	Vestonice16
12230-11830 calBCE (12140±70 BP, KIA-27004)	Villabruna
45530-40610 calBCE [46064-40920 calBCE (41400±1300 BI	Ust_Ishim_HG_published.DG
8205-7756 calBCE (8833±41 BP, MAMS-25472)	Tepe_Abdul_Hosein_N.SG
8204-7755 calBCE (8832±41 BP, MAMS-25473)	Tepe_Abdul_Hosein_N.SG
8200-7700 BCE [layer date based on 8205-7756 calBCE (88	Tepe_Abdul_Hosein_N.SG

7455-7082 calBCE (8240±56 BP, UBA-25840)	Tepe_Abdul_Hosein_N.SG
2340-2145 calBCE (3810±25 BP, UCIAMS-147669)	Okunevo.SG
2201-2036 calBCE (3725±25 BP, UCIAMS-147668)	Okunevo.SG
3334-2635 calBCE (4312±94 BP, IGAN-2880)	Yamnaya_Kalmykia.SG
2880-2632 calBCE (4160±30 BP, GrA-45038)	Yamnaya_Kalmykia.SG
3000-2400 BCE	Yamnaya_Kalmykia.SG
2887-2634 calBCE (4175±35 BP, GrA-58960)	Yamnaya_Kalmykia.SG
3000-2400 BCE	Yamnaya_Kalmykia.SG
2849-2143 calBCE (3940±90 BP, IGAN-4079)	Yamnaya_Kalmykia.SG
present	STU.SG
present	STU.SG
present	STU.SG
present	STU.SG
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Split_label	Deme	Period
Afanasievo	Forest / Steppe	EMBA
Afanasievo	Forest / Steppe	EMBA
Afanasievo	Forest / Steppe	EMBA
Afanasievo	Forest / Steppe	EMBA
Afanasievo	Forest / Steppe	EMBA
Afanasievo	Forest / Steppe	EMBA
Afanasievo	Forest / Steppe	EMBA
Afanasievo	Forest / Steppe	EMBA
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Afanasievo	Forest / Steppe	EMBA
Afanasievo	Forest / Steppe	EMBA
Afanasievo_1d.rel.I39	Ref	Ref
Afanasievo_son.I338	Ref	Ref
Afanasievo_son.I338	Ref	Ref
Ak_Moustafa_MLBA1	Forest / Steppe	MLBA
Aktogai_MLBA	Forest / Steppe	MLBA
Aktogai_MLBA	Forest / Steppe	MLBA
Aktogai_MLBA	Forest / Steppe	MLBA
Aktogai_MLBA	Forest / Steppe	MLBA
Aligrama_IA	South Asia	IA
Aligrama_IA	South Asia	IA
Aligrama_IA	South Asia	IA
Alpamsa_MLBA_Alak	Forest / Steppe	MLBA
Arkotkila_IA	South Asia	IA
Barikot_IA	South Asia	IA
Barikot_IA	South Asia	IA
Barikot_IA	South Asia	IA

Barikot_IA	South Asia	IA
Belt_Cave_Mesolithic	Ref	Ref
Bustan_BA	Iran / Turan	BA
Bustan_BA	Iran / Turan	BA
Bustan_BA	Iran / Turan	BA
Bustan_BA	Iran / Turan	BA
Bustan_BA	Iran / Turan	BA
Bustan_BA	Iran / Turan	BA
Butkara_IA	South Asia	H
Butkara_IA	South Asia	H
Butkara_IA	South Asia	H
Butkara_IA_mother.I	Ref	Ref
Dali_EBA	Forest / Steppe	MLBA
Dali_MLBA	Forest / Steppe	MLBA
Dali_MLBA	Forest / Steppe	MLBA
Dali_MLBA	Forest / Steppe	MLBA
Darra_i_kur_MBA	Iran / Turan	BA
Dashti_Kozy_BA	Forest / Steppe	MLBA
Dashti_Kozy_BA	Forest / Steppe	MLBA
Dashti_Kozy_BA	Forest / Steppe	MLBA
Dzharkutan1_BA	Iran / Turan	BA
Dzharkutan1_BA	Iran / Turan	BA
Dzharkutan1_BA	Iran / Turan	BA
Dzharkutan1_BA	Iran / Turan	BA
Dzharkutan1_BA	Iran / Turan	BA
Dzharkutan1_BA	Iran / Turan	BA
Dzharkutan1_BA	Iran / Turan	BA
Dzharkutan1_BA_LC	Ref	Ref
Dzharkutan2_BA	Iran / Turan	BA
Dzharkutan2_BA	Iran / Turan	BA
Ganj_Dareh_N	Iran / Turan	N
Ganj_Dareh_N	Iran / Turan	N
Ganj_Dareh_N	Iran / Turan	N
Ganj_Dareh_N_fathe	Iran / Turan	N
Ganj_Dareh_N_son.o	Iran / Turan	N
Geoksiur_EN	Iran / Turan	C
Geoksiur_EN	Iran / Turan	C
Geoksiur_EN	Iran / Turan	C
Geoksiur_EN	Iran / Turan	C
Geoksiur_EN	Iran / Turan	C
Geoksiur_EN	Iran / Turan	C

Geoksiur_EN	Iran / Turan	C
Geoksiur_EN	Iran / Turan	C
Geoksiur_EN	Iran / Turan	C
Geoksiur_EN	Iran / Turan	C
Geoksiur_EN.1d.rel.o	Ref	Ref
Geoksiur_EN.1d.rel.o	Ref	Ref
Gonur1_BA	Iran / Turan	BA
Gonur1_BA	Iran / Turan	BA
Gonur1_BA	Iran / Turan	BA
Gonur1_BA	Iran / Turan	BA
Gonur1_BA	Iran / Turan	BA
Gonur1_BA	Iran / Turan	BA
Gonur1_BA	Iran / Turan	BA
Gonur1_BA	Iran / Turan	BA
Gonur1_BA	Iran / Turan	BA
Gonur1_BA	Iran / Turan	BA
Gonur1_BA	Iran / Turan	BA
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Gonur1_BA	Iran / Turan	BA
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Gonur1_BA	Iran / Turan	BA
Gonur1_BA_LC	Ref	Ref
Gonur1_BA_LC	Ref	Ref
Gonur1_BA_LC	Ref	Ref
Gonur1_BA_LC	Ref	Ref
Gonur1_BA_LC	Ref	Ref
Gonur1_BA_LC	Ref	Ref
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Gonur1_BA_LC	Ref	Ref
Gonur1_BA_LC	Ref	Ref
Gonur1_BA_LC	Ref	Ref
Gonur1_BA_LC	Ref	Ref
Gonur1_BA_LC	Ref	Ref
Gonur1_BA_o	Iran / Turan	BA
Gonur1_BA_o	Iran / Turan	BA

Gonur1_BA_o2	Iran / Turan	BA
Gonur1_BA_o2	Iran / Turan	BA
Gonur1_BA_sibling.I1	Ref	Ref
Gonur2_BA	Iran / Turan	BA
Hajji_Firuz_BA	Ref	Ref
Hajji_Firuz_C	Iran / Turan	C
Hajji_Firuz_C	Iran / Turan	C
Hajji_Firuz_C	Iran / Turan	C
Hajji_Firuz_C	Iran / Turan	C
Hajji_Firuz_C	Iran / Turan	C
Hajji_Firuz_C	Iran / Turan	C
Kairan_MLBA	Forest / Steppe	MLBA
Kairan_MLBA	Forest / Steppe	MLBA
Kairan_MLBA	Forest / Steppe	MLBA
Kairan_MLBA	Forest / Steppe	MLBA
Kairan_MLBA	Forest / Steppe	MLBA
Kairan_MLBA	Forest / Steppe	MLBA
Kairan_MLBA_o	Forest / Steppe	MLBA
Kairan_MLBA_o	Forest / Steppe	MLBA
Kairan_MLBA_o_LC	Ref	Ref
Kanai_MBA	Forest / Steppe	MLBA
Karagash_MLBA	Forest / Steppe	MLBA
Karagash_MLBA	Forest / Steppe	MLBA
Karagash_MLBA_fath	Ref	Ref
Kashkarchi_BA	Forest / Steppe	MLBA
Kashkarchi_BA	Forest / Steppe	MLBA
Katelai_IA	South Asia	IA
Katelai_IA	South Asia	IA
Katelai_IA	South Asia	IA
Katelai_IA	South Asia	IA
Kazakh_Mys_MLBA	Forest / Steppe	MLBA
Kazakh_Mys_MLBA	Forest / Steppe	MLBA
Kazakh_Mys_MLBA	Forest / Steppe	MLBA
Kazakh_Mys_MLBA	Forest / Steppe	MLBA
Krasnoyarsk_MLBA	Forest / Steppe	MLBA
Krasnoyarsk_MLBA	Forest / Steppe	MLBA
Krasnoyarsk_MLBA	Forest / Steppe	MLBA
Krasnoyarsk_MLBA	Forest / Steppe	MLBA
Krasnoyarsk_MLBA	Forest / Steppe	MLBA
Krasnoyarsk_MLBA	Forest / Steppe	MLBA
Krasnoyarsk_MLBA	Forest / Steppe	MLBA

Krasnoyarsk_MLBA	Forest / Steppe	MLBA
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Krasnoyarsk_MLBA	Forest / Steppe	MLBA
Krasnoyarsk_MLBA_f	Forest / Steppe	MLBA
Krasnoyarsk_MLBA_c	Forest / Steppe	MLBA
Kyzlbulak_MLBA1	Forest / Steppe	MLBA
Kyzlbulak_MLBA2	Forest / Steppe	MLBA
Lisakovskiy_MLBA_Al	Forest / Steppe	MLBA
Lisakovskiy_MLBA_Al	Forest / Steppe	MLBA
Loebanr_IA	South Asia	IA
Loebanr_IA	South Asia	IA
Loebanr_IA	South Asia	IA
Loebanr_IA	South Asia	IA
Loebanr_IA	South Asia	IA
Loebanr_IA	South Asia	IA
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Loebanr_IA	South Asia	IA
Loebanr_IA	South Asia	IA
Loebanr_IA	South Asia	IA
Loebanr_IA_father.I6	Ref	Ref
Maitan_MLBA_Alaku	Forest / Steppe	MLBA
Maitan_MLBA_Alaku	Forest / Steppe	MLBA
Maitan_MLBA_Alaku	Forest / Steppe	MLBA
Maitan_MLBA_Alaku	Forest / Steppe	MLBA
Maitan_MLBA_Alaku	Forest / Steppe	MLBA
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Maitan_MLBA_Alaku	Forest / Steppe	MLBA
Maitan_MLBA_Alaku	Forest / Steppe	MLBA
Maitan_MLBA_Alaku	Forest / Steppe	MLBA
Molaly_MLBA	Forest / Steppe	MLBA
Oy_Dzhaylau_MLBA	Forest / Steppe	MLBA
Oy_Dzhaylau_MLBA	Forest / Steppe	MLBA
Oy_Dzhaylau_MLBA	Forest / Steppe	MLBA
Oy_Dzhaylau_MLBA	Forest / Steppe	MLBA
Oy_Dzhaylau_MLBA	Forest / Steppe	MLBA

Oy_Dzhaylau_MLBA	Forest / Steppe	MLBA
Oy_Dzhaylau_MLBA_	Forest / Steppe	MLBA
Oy_Dzhaylau_MLBA_	Forest / Steppe	MLBA
Pakistan_IA_Aligrama_all		
Parkhai_EBA	Iran / Turan	BA
Parkhai_EBA_LC	Ref	Ref
Parkhai_EN	Iran / Turan	C
Parkhai_EN	Iran / Turan	C
Parkhai_EN	Iran / Turan	C
Parkhai_EN	Iran / Turan	C
Parkhai_LBA	Iran / Turan	BA
Parkhai_LBA_o	Iran / Turan	BA
Parkhai_MBA	Iran / Turan	BA
Petrovka	Forest / Steppe	MLBA
Petrovka	Forest / Steppe	MLBA
Petrovka	Forest / Steppe	MLBA
Poltavka	Forest / Steppe	EMBA
Poltavka	Forest / Steppe	EMBA
Potapovka	Forest / Steppe	EMBA
Potapovka	Forest / Steppe	EMBA
Preobrazhenka_MLB/	Forest / Steppe	MLBA
Saidu_Sharif_IA	South Asia	H
Saidu_Sharif_IA	South Asia	H
Saidu_Sharif_IA	South Asia	H
Saidu_Sharif_IA	South Asia	H
Saidu_Sharif_IA	South Asia	H
Saidu_Sharif_IA	South Asia	H
Saidu_Sharif_IA	South Asia	H
Saidu_Sharif_IA	South Asia	H
Saidu_Sharif_IA	South Asia	H
Saidu_Sharif_IA	South Asia	H
Saidu_Sharif_IA	South Asia	H
Saidu_Sharif_IA_LC	Ref	Ref
Saidu_Sharif_IA_o	South Asia	H
Sappali_Tepe_BA	Iran / Turan	BA
Sappali_Tepe_BA	Iran / Turan	BA
Sappali_Tepe_BA	Iran / Turan	BA
Sappali_Tepe_BA	Iran / Turan	BA
Sappali_Tepe_BA	Iran / Turan	BA
Sappali_Tepe_BA	Iran / Turan	BA
Sappali_Tepe_BA	Iran / Turan	BA

Sappali_Tepe_BA	Iran / Turan	BA
Sappali_Tepe_BA	Iran / Turan	BA
Sappali_Tepe_BA	Iran / Turan	BA
Sappali_Tepe_BA	Iran / Turan	BA
Sappali_Tepe_BA	Iran / Turan	BA
Sappali_Tepe_BA	Iran / Turan	BA
Sappali_Tepe_BA_o	Iran / Turan	BA
Sarazm_EN	Iran / Turan	C
Sarazm_EN	Iran / Turan	C
Satan_MLBA_Alakul	Forest / Steppe	MLBA
Shahr_I_Sokhta_BA1	Iran / Turan	BA
Shahr_I_Sokhta_BA1	Iran / Turan	BA
Shahr_I_Sokhta_BA2	Iran / Turan	BA
Shahr_I_Sokhta_BA3	Iran / Turan	BA
Sintashta_MLBA	Forest / Steppe	MLBA
Sintashta_MLBA	Forest / Steppe	MLBA
Sintashta_MLBA	Forest / Steppe	MLBA
Sintashta_MLBA	Forest / Steppe	MLBA
Sintashta_MLBA	Forest / Steppe	MLBA
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Sintashta_MLBA	Forest / Steppe	MLBA
Sintashta_MLBA	Forest / Steppe	MLBA
Sintashta_MLBA	Forest / Steppe	MLBA
Sintashta_MLBA_1d.r	Ref	Ref
Sintashta_MLBA_1st.	Ref	Ref
Sintashta_MLBA_1st.	Ref	Ref
Sintashta_MLBA_bro	Ref	Ref
Sintashta_MLBA_o1	Forest / Steppe	MLBA
Sintashta_MLBA_o1	Forest / Steppe	MLBA
Sintashta_MLBA_o1	Forest / Steppe	MLBA
Sintashta_MLBA_o1	Forest / Steppe	MLBA
Sintashta_MLBA_o2	Forest / Steppe	MLBA
Sintashta_MLBA_o2	Forest / Steppe	MLBA
Sintashta_MLBA_o2_	Ref	Ref
Sintashta_MLBA_o2_	Ref	Ref
Sintashta_MLBA_o3	Forest / Steppe	MLBA
Sintashta_MLBA_o3	Forest / Steppe	MLBA
Solyanka_MLBA	Forest / Steppe	MLBA
Srubnaya	Ref	Ref
Sumbar_LBA	Iran / Turan	BA
Taldysay_MLBA1	Forest / Steppe	MLBA
Taldysay_MLBA2	Forest / Steppe	MLBA
Tepe_Anau_EN	Iran / Turan	C
Tepe_Anau_EN	Iran / Turan	C
Tepe_Anau_EN	Iran / Turan	C
Tepe_Hissar_C	Iran / Turan	C
Tepe_Hissar_C	Iran / Turan	C
Tepe_Hissar_C	Iran / Turan	C
Tepe_Hissar_C	Iran / Turan	C
Tepe_Hissar_C	Iran / Turan	C
Tepe_Hissar_C	Iran / Turan	C
Tepe_Hissar_C	Iran / Turan	C
Tepe_Hissar_C	Iran / Turan	C
Tepe_Hissar_C	Iran / Turan	C

Tepe_Hissar_C	Iran / Turan	C
Tepe_Hissar_C	Iran / Turan	C
Tepe_Hissar_C	Iran / Turan	C
Tepe_Hissar_C_LC	Ref	Ref
Udegram_IA	South Asia	IA
Udegram_IA	South Asia	IA
Udegram_IA	South Asia	IA
Udegram_IA	South Asia	IA
Udegram_IA	South Asia	IA
Udegram_IA	South Asia	IA
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Udegram_IA	South Asia	IA
Udegram_IA	South Asia	IA
Udegram_IA	South Asia	IA
Udegram_IA_1d.rel.I	Ref	Ref
Udegram_IA_father.c	Ref	Ref
Udegram_IA_LC	Ref	Ref
Udegram_IA_LC	Ref	Ref
Udegram_IA_son.I13	Ref	Ref
Unknown_MLBA	Forest / Steppe	MLBA
West_Siberia_N	Forest / Steppe	N
West_Siberia_N	Forest / Steppe	N
West_Siberia_N	Forest / Steppe	N
Zevakinskiy_BA	Forest / Steppe	MLBA
Zevakinskiy_LBA	Forest / Steppe	LBA
Zevakinskiy_LBA	Forest / Steppe	LBA
Zevakinskiy_LBA	Forest / Steppe	LBA
Zevakinskiy_LBA	Forest / Steppe	LBA
Zevakinskiy_LBA	Forest / Steppe	LBA
Zevakinskiy_LBA	Forest / Steppe	LBA
Zevakinskiy_MLBA	Forest / Steppe	MLBA
Ganj_Dareh_N	Iran / Turan	N
Ganj_Dareh_N	Iran / Turan	N

Ganj_Dareh_N	Iran / Turan	N
Ganj_Dareh_N	Iran / Turan	N
Potapovka	Forest / Steppe	EMBA
Potapovka	Forest / Steppe	EMBA
Srubnaya	Forest / Steppe	MLBA
Srubnaya	Forest / Steppe	MLBA
Srubnaya	Forest / Steppe	MLBA
Srubnaya	Forest / Steppe	MLBA
Srubnaya	Forest / Steppe	MLBA
Srubnaya	Forest / Steppe	MLBA
Srubnaya	Forest / Steppe	MLBA
Srubnaya_1d.rel.I035	Ref	Ref
Srubnaya_1d.rel.I043	Ref	Ref
Srubnaya_o	Forest / Steppe	MLBA
Papuan.DG	Ref	Ref
Papuan.DG	Ref	Ref
Papuan.DG	Ref	Ref
Papuan.DG	Ref	Ref
Papuan.DG	Ref	Ref
Papuan.DG	Ref	Ref
Papuan.DG	Ref	Ref
Papuan.DG	Ref	Ref
Papuan.DG	Ref	Ref
Papuan.DG	Ref	Ref
Papuan.DG	Ref	Ref
Papuan.DG	Ref	Ref
Papuan.DG	Ref	Ref
Papuan.DG	Ref	Ref
DevilsGate.SG	East Asia	N
Karitiana.SG	Ref	Ref
MA1_HG.SG	Ref	Ref
Australian.DG	Ref	Ref
Han.DG	Ref	Ref
Karitiana.DG	Ref	Ref
Mbuti.DG	Ref	Ref
Papuan.DG	Ref	Ref
Dai.DG	Ref	Ref
Altai_published.DG	Ref	Ref
Corded_Ware_Czech	Ref	Ref
Corded_Ware_Czech	Ref	Ref

Corded_Ware_Czech	Ref	Ref
BIR.SG	Ref	Ref
BIR.SG	Ref	Ref
BIR.SG	Ref	Ref
BIR.SG	Ref	Ref
BIR.SG	Ref	Ref
BIR.SG	Ref	Ref
BIR.SG	Ref	Ref
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ILA.SG	Ref	Ref
ILA.SG	Ref	Ref
JAR.SG	Ref	Ref
JAR.SG	Ref	Ref
JAR.SG	Ref	Ref
JAR.SG	Ref	Ref
ONG.SG	Ref	Ref
ONG.SG	Ref	Ref
ONG.SG	Ref	Ref
ONG.SG	Ref	Ref
ONG.SG	Ref	Ref
ONG.SG	Ref	Ref
PUN.SG	Ref	Ref
RAJ.SG	Ref	Ref
RAJ.SG	Ref	Ref
RAJ.SG	Ref	Ref
RAJ.SG	Ref	Ref
RAJ.SG	Ref	Ref
RAJ.SG	Ref	Ref
RAJ.SG	Ref	Ref
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RAJ.SG	Ref	Ref

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RIA.SG	Ref	Ref
RIA.SG	Ref	Ref
RIA.SG	Ref	Ref
RIA.SG	Ref	Ref
RIA.SG	Ref	Ref
Denisovan_published	Ref	Ref
Han.DG	Ref	Ref
Karitiana.DG	Ref	Ref
Mbuti.DG	Ref	Ref
Papuan.DG	Ref	Ref
Dai.DG	Ref	Ref
Iron_Gates_HG	Ref	Ref
Iron_Gates_HG	Ref	Ref
Iron_Gates_HG	Ref	Ref
Iron_Gates_HG	Ref	Ref
Iron_Gates_HG	Ref	Ref
Iron_Gates_HG	Ref	Ref
Iron_Gates_HG	Ref	Ref
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LBK_EN	Ref	Ref
LBK_EN	Ref	Ref
Tripolye	Ref	Ref
Tripolye	Ref	Ref
Tripolye	Ref	Ref
Tripolye	Ref	Ref

Ukraine_N	Ref	Ref
Ukraine_N	Ref	Ref
Ukraine_N	Ref	Ref
Ukraine_N	Ref	Ref
Ukraine_N	Ref	Ref
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Ukraine_N	Ref	Ref
Ukraine_N	Ref	Ref
Ukraine_N	Ref	Ref
Yamnaya_Ukraine	Forest / Steppe	EMBA
Yamnaya_Ukraine	Forest / Steppe	EMBA
Yamnaya_Ukraine_O	Forest / Steppe	EMBA
Anatolia_N	Ref	Ref
Anatolia_N	Ref	Ref
Baden_LCA	Ref	Ref
Iberia_HG	Ref	Ref
Karelia_HG	Forest / Steppe	N
LBK_EN	Ref	Ref
LBK_EN	Ref	Ref
LBK_EN	Ref	Ref
LBK_EN	Ref	Ref

LBK_EN	Ref	Ref
Samara_HG	Forest / Steppe	N
Yamnaya_Samara	Forest / Steppe	EMBA
Yamnaya_Samara	Forest / Steppe	EMBA
Yamnaya_Samara	Forest / Steppe	EMBA
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Anatolia_N	Ref	Ref
Anatolia_N	Ref	Ref
Karelia_HG	Forest / Steppe	N
Khvalynsk_EN	Forest / Steppe	N
Khvalynsk_EN	Forest / Steppe	N
Khvalynsk_EN	Forest / Steppe	N
LBK_EN	Ref	Ref
Poltavka	Forest / Steppe	EMBA
Poltavka	Forest / Steppe	EMBA
Poltavka	Forest / Steppe	EMBA

Poltavka	Forest / Steppe	EMBA
Poltavka_o	Forest / Steppe	EMBA
Potapovka	Forest / Steppe	EMBA
Srubnaya	Forest / Steppe	MLBA
Srubnaya	Forest / Steppe	MLBA
Ami.DG	Ref	Ref
Ami.DG	Ref	Ref
Atayal.DG	Ref	Ref
Australian.DG	Ref	Ref
Balochi.DG	Ref	Ref
Balochi.DG	Ref	Ref
Brahmin.DG	Ref	Ref
Brahmin.DG	Ref	Ref
Brahui.DG	Ref	Ref
Brahui.DG	Ref	Ref
Burusho.DG	Ref	Ref
Burusho.DG	Ref	Ref
Chukchi.DG	Ref	Ref
Han.DG	Ref	Ref
Han.DG	Ref	Ref
Irula.DG	Ref	Ref
Irula.DG	Ref	Ref
Kapu.DG	Ref	Ref
Kapu.DG	Ref	Ref
Karitiana.DG	Ref	Ref
Karitiana.DG	Ref	Ref
Kashmiri_Pandit.DG	Ref	Ref
Madiga.DG	Ref	Ref
Madiga.DG	Ref	Ref
Mala.DG	Ref	Ref
Mala.DG	Ref	Ref
Mala.DG	Ref	Ref
Mbuti.DG	Ref	Ref
Mbuti.DG	Ref	Ref
Mbuti.DG	Ref	Ref
Onge.DG	Ref	Ref
Onge.DG	Ref	Ref
Pathan.DG	Ref	Ref
Pathan.DG	Ref	Ref
Punjabi.DG	Ref	Ref
Punjabi.DG	Ref	Ref

Punjabi.DG	Ref	Ref
Punjabi.DG	Ref	Ref
Relli.DG	Ref	Ref
Relli.DG	Ref	Ref
Sindhi.DG	Ref	Ref
Sindhi.DG	Ref	Ref
Bengali.DG	Ref	Ref
Bengali.DG	Ref	Ref
Dai.DG	Ref	Ref
Dai.DG	Ref	Ref
Dai.DG	Ref	Ref
Kharia.DG	Ref	Ref
Kurumba.DG	Ref	Ref
Kusunda.DG	Ref	Ref
Kusunda.DG	Ref	Ref
Makrani.DG	Ref	Ref
Makrani.DG	Ref	Ref
Ethiopia_4500BP.SG	Ref	Ref
LBK_EN	Ref	Ref
LBK_EN	Ref	Ref
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LBK_EN	Ref	Ref
Baden_LCA	Ref	Ref
Baden_LCA	Ref	Ref
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Armenia_EBA	Ref	Ref
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Armenia_EBA	Ref	Ref
Ganj_Dareh_N	Iran / Turan	N
HotuIIIb	Ref	Ref
Seh_Gabi_C	Iran / Turan	C
Seh_Gabi_C	Iran / Turan	C
Seh_Gabi_C	Iran / Turan	C
Seh_Gabi_C	Iran / Turan	C
Seh_Gabi_C	Iran / Turan	C
Seh_Gabi_LN	Iran / Turan	N
Bichon.SG	Ref	Ref
Kotias.SG	Ref	Ref
Satsurblia.SG	Ref	Ref
Chimp.REF	Ref	Ref
AfontovaGora3	Ref	Ref
ElMiron	Ref	Ref
GoyetQ116_1_publis	Ref	Ref
Kostenki14	Ref	Ref
Vestonice16	Ref	Ref
Villabruna	Ref	Ref
Ust_Ishim_HG_publis	Ref	Ref
Tepe_Abdul_Hosein_	Iran / Turan	N
Tepe_Abdul_Hosein_	Iran / Turan	N
Tepe_Abdul_Hosein_	Iran / Turan	N

Tepe_Abdul_Hosein_	Iran / Turan	N
Okunevo.SG	Forest / Steppe	MLBA
Okunevo.SG	Forest / Steppe	MLBA
Yamnaya_Kalmykia.S	Forest / Steppe	EMBA
Yamnaya_Kalmykia.S	Forest / Steppe	EMBA
Yamnaya_Kalmykia.S	Forest / Steppe	EMBA
Yamnaya_Kalmykia.S	Forest / Steppe	EMBA
Yamnaya_Kalmykia.S	Forest / Steppe	EMBA
Yamnaya_Kalmykia.S	Forest / Steppe	EMBA
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Location
Afanasievo
Bateni, Afanasievo
Afanasievo
Altai Mountains, Yenisey River, left bank of Karasuk tributary, Karasuk III
Altai Mountains, Yenisey River, left bank of Karasuk tributary, Karasuk III
Altai Mountains, Yenisey River, left bank of Karasuk tributary, Karasuk III
Altai, Saldyar 1
Bateni, Afanasievo
Bateni, Afanasievo
Bateni, Afanasievo
Elo 1
Elo 1
Elo 1
Elo Bashi
Elo Bashi
Kaminnaya Cave, Altai Mountains
Lower Tyumechin 1
Lower Tyumechin 1
Lower Tyumechin 1
Ust'-Kuyum, Altai Mountains
Altai Mountains, Yenisey River, left bank of Karasuk tributary, Karasuk III
Afanasievo
Altai Mountains, Yenisey River, left bank of Karasuk tributary, Karasuk III
Ak-Moustafa, Central Kazakhstan, Kurgan 2
Aktogai
Aktogai
Aktogai
Aktogai
Aligrama
Aligrama
Aligrama
Alpamsa
Arkotkila
Barikot
Barikot
Barikot

Barikot
Belt Cave, Alborz Mountains, near Behshahr
Bustan
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Butkara
Butkara
Butkara
Butkara
Dali, Byan Zherek
Dali, Byan Zherek
Dali, Byan Zherek
Dali, Byan Zherek
Darra-i-Kur Cave
Dashty-Kozy
Dashty-Kozy
Dashty-Kozy
Dzharkutan
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Ganj Dareh
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Kanai
Karagash 2
Karagash 2
Karagash 2
Burial Kashkarchi, Ferghana
Burial Kashkarchi, Ferghana
Katelai
Katelai
Katelai
Katelai
Kazakh Mys
Kazakh Mys
Kazakh Mys
Kazakh Mys
Minusinsk Basin, Potroshilovo II
Minusinsk Basin, Potroshilovo II
Minusinsk Basin, Potroshilovo II
Minusinsk Basin, Ust-Bir IV
Minusinsk Basin, Ust-Bir IV
Minusinsk Basin, Ust-Bir IV
Orak Ulus village near Krasnoyarsk

Orak Ulus village near Krasnoyarsk
Orak Ulus village near Krasnoyarsk
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Kyzlbulak 1
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Lisakovskiy
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Loebanr 1
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Molaly Kurgan, South Kazakhstan
Oi-Dzhailau
Oi-Dzhailau
Oi-Dzhailau
Oi-Dzhailau
Oi-Dzhailau

Two sites: Oi-Zhaylau-III grave and Talapty-II stone fencing 2
Oi-Dzhailau
Oi-Dzhailau
Aligrama
Parkhai II
Parkhai II
Parkhai II
Parkhai II
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Parkhai II
Stepnoe VII Cemetery
Stepnoe VII Cemetery
Stepnoe VII Cemetery
Grachevka, Sok River, Samara
Samara
Grachevka, Sok River, Samara
Utyevka, Samara River, Samara
Preobrazhenka 3
Saidu Sharif, Swat Valley
Saidu Sharif, Swat Valley
Saidu Sharif, Swat Valley
Saidu Sharif, Swat Valley
Saidu Sharif, Swat Valley
Swat Valley, Saidu Sharif
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Swat Valley, Saidu Sharif
Sappali Tepe
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Sarazm
Sarazm
Satan
Shahr-i Sokhta
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Kamennyi Ambar 5 Cemetery
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Kamennyi Ambar 5 Cemetery
Vodokhranilische, Kurgan 4, Grave 6
Novoselki, Northern Forest, Samara
Sumbar
Taldysay, central Kazakhstan
Taldysay, Central Kazakhstan
Tepe Anau, Turkestan
Tepe Anau, Turkestan
Tepe Anau, Turkestan
Tepe Hissar
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Khyber-Pakhtunkwa, Swat, Babozai tahsil, Udegram
Khyber-Pakhtunkwa, Swat, Babozai tahsil, Udegram
Khyber-Pakhtunkwa, Swat, Babozai tahsil, Udegram
Khyber-Pakhtunkwa, Swat, Babozai tahsil, Gogdara
Khyber-Pakhtunkwa, Swat, Babozai tahsil, Udegram
Khyber-Pakhtunkwa, Swat, Babozai tahsil, Udegram
Khyber-Pakhtunkwa, Swat, Babozai tahsil, Gogdara
Udegram, Babozai tahsil, Swat District , Khyber-Pakhtunkwa Province
Udegram, Babozai tahsil, Swat District , Khyber-Pakhtunkwa Province
Udegram, Babozai tahsil, Swat District , Khyber-Pakhtunkwa Province
Udegram, Babozai tahsil, Swat District , Khyber-Pakhtunkwa Province
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Udegram, Babozai tahsil, Swat District , Khyber-Pakhtunkwa Province
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Sosnoviy Ostrov, Siberia
Tyumen Oblast, Western Siberia
Tyumen Oblast, Western Siberia
Zevakinskiy stone fence
Eastern Kazakhstan
Eastern Kazakhstan
Zevakinskiy stone fence
Zevakinskiy stone fence
Zevakinskiy stone fence
Zevakinskiy stone fence
Zevakinskiy stone fence
Ganj Dareh
Ganj Dareh

Ganj Dareh
Ganj Dareh
Utyevka, Samara River, Samara
Utyevka, Samara River, Samara
Barinovka I, Samara River, Samara
Novoselki, Northern Forest, Samara
Spiridonovka II, Samara River, Samara
Spiridonovka II, Samara River, Samara
Spiridonovka IV, Samara River, Samara
Spiridonovka IV, Samara River, Samara
Spiridonovka IV, Samara River, Samara
Uvarovka I, Samara River, Samara
Spiridonovka IV, Samara River, Samara
Spiridonovka II, Samara River, Samara
Spiridonovka IV, Samara River, Samara
NewGuinea
NewGuinea
NewGuinea
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NewGuinea
Devil's Gate Cave, Dalnegorsk Village, Primorsky Krai
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Mal'ta
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NewGuinea
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Denisova Cave, Altai
Brandysek
Brandysek

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Punjabi
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Denisova Cave, Altai
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Hajduka Vodenica
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Lepenski Vir
Ostrovul Corbului
Ostrovul Corbului
Padina
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Schela Cladovei
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Kleinhadersdorf Flur Marchleiten
Kleinhadersdorf Flur Marchleiten
Schletz
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Verteba Cave
Verteba Cave
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Verteba Cave

Dereivka I
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Vasil'evka
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Volniensky, Vilnianka
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Volniensky, Vilnianka
Vovnigi
Vovnigi
Shevchenko, OAE-2003
Shevchenko, OAE-2003
Ozera, OAE-99
Barcın, Marmara Region, Northwest Anatolia
Barcın, Marmara Region, Northwest Anatolia
Apc-Berekalya I
La Brana-Arintero, Leon
Yuzhnyy Oleni Ostrov, Karelia
Karsdorf
Unterwiederstedt
Viesenhaeuser Hof, Stuttgart-Muehlhausen
Viesenhaeuser Hof, Stuttgart-Muehlhausen

Viesenhaeuser Hof, Stuttgart-Muehlhausen
Lebyazhinka, Sok River, Samara
Ekaterinovka, Southern Steppe, Samara
Ishkinovka I, Eastern Orenburg, Pre-Ural steppe, Samara
Kurmanaevka III, Buzuluk, Samara
Kutuluk, Kutuluk River, Samara
Lopatino, Sok River, Samara
Lopatino, Sok River, Samara
Lopatino, Sok River, Samara
Lopatino, Sok River, Samara
Luzkhi I, Samara River, Samara
Barcın, Marmara Region, Northwest Anatolia
Barcın, Marmara Region, Northwest Anatolia
Barcın, Marmara Region, Northwest Anatolia
Barcın, Marmara Region, Northwest Anatolia
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Barcın, Marmara Region, Northwest Anatolia
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Yuzhnyy Oleni Ostrov, Karelia
Khvalynsk II, Volga River, Samara
Khvalynsk II, Volga River, Samara
Khvalynsk II, Volga River, Samara
Karsdorf
Grachevka, Sok River, Samara
Kutuluk, Kutuluk River, Samara
Lopatino, Sok River, Samara

Nikolaevka III, Samara River, Samara
Sok I, Sok River, Samara
Utyevka, Samara River, Samara
Rozhdestveno I, Samara Steppes, Samara
Rozhdestveno I, Samara Steppes, Samara
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Visakhapatnam
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Sireniki, Chukchi Peninsula, First sampling location
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Visakhapatnam
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Draw, Jammu and Kashmir
Visakhapatnam
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Visakhapatnam
Visakhapatnam
Vishakapatman, Andhra Pradesh
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Andaman and Nicobar
Andaman and Nicobar
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Tapkara, Chattisgarh
Palakkad, Kerala
Damauli, Tanahu
Ghorahi, Dang
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Mota Cave, Gamo Highlands
Viesenhaeuser Hof, Stuttgart-Muehlhausen
Halberstadt-Sonntagsfeld
Halberstadt-Sonntagsfeld
Halberstadt-Sonntagsfeld
Halberstadt-Sonntagsfeld
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Halberstadt-Sonntagsfeld
Halberstadt-Sonntagsfeld
Halberstadt-Sonntagsfeld
Alsonemedi
Alsonemedi
Balatonlelle, Fels-Gamász
Balatonlelle, Fels-Gamász
Balatonlelle, Fels-Gamász
Balatonlelle, Fels-Gamász
Budakalász, Luppa csárda
Budakalász, Luppa csárda
Budakalász, Luppa csárda
Budakalász, Luppa csárda
Vámosgyörk, MHAT telep
Vörs
Halberstadt-Sonntagsfeld
Halberstadt-Sonntagsfeld

Halberstadt-Sonntagsfeld
Halberstadt-Sonntagsfeld
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Halberstadt-Sonntagsfeld
Barcın, Marmara Region, Northwest Anatolia
Areni 1
Areni 1
Areni 1
Areni 1
Areni 1
Kalavan
Kalavan
Talin
Ganj Dareh
Hotu Cave, Alborz Mountains, near Behshahr
Seh Gabi
Seh Gabi
Seh Gabi
Seh Gabi
Seh Gabi
Seh Gabi
Grotte du Bichon
Kotias Klde
Satsurblia
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Afontova Gora
El Miron
Goyet
Kostenki
Dolni Vestonice
Villabruna
Ust'-Ishim, Siberia
Tepe Abdul Hosein, Central Zagros
Tepe Abdul Hosein, Central Zagros
Tepe Abdul Hosein, Central Zagros

Wezmeh Cave, Central Zagros
Verkhni Askiz Village
Verkhni Askiz Village
Peshany V
Sukhaya Termista I
Temrta IV
Temrta IV
Temrta IV
Ulan
Tamils sampled from Great Britain
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Country	Latitude	Longitude	Sex	mtDNA best (>2x)
Russia	..	..	F	..
Russia	..	..	F	..
Russia	..	..	F	U5a1d2b
Russia	..	..	M	U5b2a1a
Russia	..	..	M	U5a1a1
Russia	..	..	F	U4b3
Russia	50.55423889	86.59013611	F	J2a2a
Russia	..	..	M	..
Russia	54.584	90.775	M	J2a2a
Russia	..	..	M	..
Russia	50.7581128	85.56024972	M	T2a1a
Russia	50.7581128	85.56024972	M	T1a1
Russia	50.7581128	85.56024972	F	T2a1a
Russia	50.75648626	85.56087884	M	U4b3
Russia	50.75648626	85.56087884	F	U5a1g
Russia	..	..	F	K1b2a
Russia	50.75364627	85.55666955	M	T2a1a
Russia	50.75364627	85.55666955	M	U5a1a1
Russia	50.75364627	85.55666955	M	U4d1
Russia	..	..	M	H6a1b
Russia	..	..	F	U5b2a1a
Russia	..	..	M	..
Russia	..	..	M	U5a1d2b
Kazakhstan	47.77798333	72.00968333	M	U5b2b
Kazakhstan	46.96586667	80.03473333	M	U5a1a2a
Kazakhstan	46.96586667	80.03473333	M	J1c5a
Kazakhstan	46.96586667	80.03473333	M	N1a1a1
Kazakhstan	46.96586667	80.03473333	F	T1a1
Pakistan	34.767667	72.344693	M	..
Pakistan	34.767667	72.344693	M	..
Pakistan	34.767667	72.344693	F	..
Kazakhstan	49.58	75.86	F	T1a1
Pakistan	34.95045	72.36769167	F	U2e1
Pakistan	30.4	72.12	M	H20a
Pakistan	30.4	72.12	F	J1b1b
Pakistan	30.4	72.12	F	M65a

Pakistan	30.4	72.12	F	U8b1a1
Iran	35.59	53.5	M	K2a
Uzbekistan	37.66666667	67	M	HV
Uzbekistan	37.66666667	67	M	R0
Uzbekistan	37.66666667	67	M	..
Uzbekistan	37.66666667	67	M	T1
Uzbekistan	37.66666667	67	M	K1a1
Uzbekistan	37.66666667	67	F	W6
Pakistan	34.75846	72.371623	M	M30b
Pakistan	34.75846	72.371623	M	U2a
Pakistan	34.75846	72.371623	F	HV
Pakistan	34.75846	72.371623	F	M30b
Kazakhstan	45.13237778	79.36439444	F	R3
Kazakhstan	45.13237778	79.36439444	M	U5a1a2a
Kazakhstan	45.13237778	79.36439444	F	J2b1a2
Kazakhstan	45.13237778	79.36439444	F	..
Afghanistan	36.783333	70	M	H2a
Tajikistan	39.44805556	68.03138889	F	U2e1
Tajikistan	39.44805556	68.03138889	F	T2a1b1
Tajikistan	39.44805556	68.03138889	F	T2b
Uzbekistan	37.75	67	M	R2
Uzbekistan	37.75	67	F	HV
Uzbekistan	37.75	67	F	J1b3
Uzbekistan	37.75	67	F	HV2
Uzbekistan	37.75	67	F	U3a'c
Uzbekistan	37.75	67	F	..
Uzbekistan	37.75	67	F	..
Uzbekistan	37.75	67	F	H
Uzbekistan	37.75	67	F	U5a2a
Uzbekistan	37.75	67	F	I4a
Iran	34.45	48.116	M	R2
Iran	34.45	48.116	M	R2
Iran	34.45	48.116	F	U7a
Iran	34.45	48.116	M	..
Iran	34.45	48.116	M	R
Turkmenistan	37.1907	61.0343	M	..
Turkmenistan	37.1907	61.0343	M	U7a
Turkmenistan	37.1907	61.0343	M	T2d2
Turkmenistan	37.1907	61.0343	M	U
Turkmenistan	37.1907	61.0343	M	J1d6
Turkmenistan	37.1907	61.0343	F	I1b

Turkmenistan	37.1907	61.0343	F	I1b
Turkmenistan	37.1907	61.0343	F	I1
Turkmenistan	37.1907	61.0343	F	..
Turkmenistan	37.1907	61.0343	F	J1b1a1
Turkmenistan	37.1907	61.0343	U	H
Turkmenistan	37.1907	61.0343	F	U7a
Turkmenistan	38.1907	62.0343	M	J1c10
Turkmenistan	38.1907	62.0343	M	..
Turkmenistan	38.1907	62.0343	M	..
Turkmenistan	38.1907	62.0343	M	U7
Turkmenistan	38.1907	62.0343	M	..
Turkmenistan	38.1907	62.0343	M	..
Turkmenistan	38.1907	62.0343	F	..
Turkmenistan	38.1907	62.0343	F	..
Turkmenistan	38.1907	62.0343	F	..
Turkmenistan	38.1907	62.0343	F	..
Turkmenistan	38.1907	62.0343	F	..
Turkmenistan	38.1907	62.0343	F	..
Turkmenistan	38.1907	62.0343	F	..
Turkmenistan	38.1907	62.0343	F	..
Turkmenistan	38.1907	62.0343	F	..
Turkmenistan	38.1907	62.0343	F	H14a
Turkmenistan	38.1907	62.0343	F	..
Turkmenistan	38.1907	62.0343	M	J1b1a3
Turkmenistan	38.1907	62.0343	M	N1d
Turkmenistan	38.1907	62.0343	M	I5a
Turkmenistan	38.1907	62.0343	M	H
Turkmenistan	38.1907	62.0343	M	..
Turkmenistan	38.1907	62.0343	M	R2
Turkmenistan	38.1907	62.0343	M	..
Turkmenistan	38.1907	62.0343	M	R2
Turkmenistan	38.1907	62.0343	M	..
Turkmenistan	38.1907	62.0343	M	W6
Turkmenistan	38.1907	62.0343	F	U2b2
Turkmenistan	38.1907	62.0343	F	W3b
Turkmenistan	38.1907	62.0343	F	W
Turkmenistan	38.1907	62.0343	F	..
Turkmenistan	38.1907	62.0343	F	..
Turkmenistan	38.1907	62.0343	F	..
Turkmenistan	38.1907	62.0343	M	..
Turkmenistan	38.1907	62.0343	F	..

Turkmenistan	38.1907	62.0343	M	..
Turkmenistan	38.1907	62.0343	F	..
Turkmenistan	38.1907	62.0343	M	T1a1
Turkmenistan	38.1907	62.0343	F	..
Iran	36.9944	45.4744	F	I1b
Iran	36.9944	45.4744	M	K1b1a
Iran	36.9944	45.4744	M	K1a3a
Iran	36.9944	45.4744	M	U1a4
Iran	36.9944	45.4744	M	K1a17a
Iran	36.9944	45.4744	F	K1a20
Iran	36.9944	45.4744	F	HV9
Kazakhstan	48.74175	76.99573333	M	U4a1
Kazakhstan	48.74175	76.99573333	M	T1a1
Kazakhstan	48.74175	76.99573333	F	J2b1a2
Kazakhstan	48.74175	76.99573333	F	U5b2a1a2
Kazakhstan	48.74175	76.99573333	F	H27
Kazakhstan	48.74175	76.99573333	F	T1a1
Kazakhstan	48.74175	76.99573333	F	Z1
Kazakhstan	48.74175	76.99573333	F	U2e1b
Kazakhstan	48.74175	76.99573333	M	..
Kazakhstan	50	84	M	..
Kazakhstan	48.78176667	76.45303333	M	K1a26
Kazakhstan	48.78176667	76.45303333	M	U5a1d2b
Kazakhstan	48.78176667	76.45303333	M	H7b
Uzbekistan	40.37722222	71.855	M	U5b2b
Uzbekistan	40.37722222	71.855	M	N1a1a1
Pakistan	34.768333	72.357778	M	U4d
Pakistan	34.768333	72.357778	M	J1d
Pakistan	34.768333	72.357778	F	M35b
Pakistan	34.768333	72.357778	F	Z3a1a
Kazakhstan	46.94785	79.98808333	M	U2e1
Kazakhstan	46.94785	79.98808333	M	H1b
Kazakhstan	46.94785	79.98808333	F	J1c2
Kazakhstan	46.94785	79.98808333	F	U5b2b
Russia	53.87313333	91.46046667	M	H2b
Russia	53.87313333	91.46046667	M	T1a1
Russia	53.87313333	91.46046667	M	K1a26
Russia	54.17931667	91.57886667	M	H2b
Russia	54.17931667	91.57886667	F	K1a4b
Russia	54.17931667	91.57886667	F	T2b
Russia	..	..	M	H27

Russia	..	..	M	U2e2a4
Russia	..	..	M	..
Russia	..	..	M	T2b
Russia	..	..	M	U5b2c
Russia	..	..	M	U4a1
Russia	..	..	F	U5a2a
Russia	..	..	F	T1a1
Russia	..	..	F	..
Russia	..	..	M	U5b2b
Russia	..	..	M	..
Kazakhstan	43.24655	77.813814	F	U2e1'2'3
Kazakhstan	43.24655	77.813814	M	G2a1e
Kazakhstan	52.61	62.69	F	..
Kazakhstan	52.61	62.69	F	..
Pakistan	34.747222	72.391667	M	R30b1
Pakistan	34.747222	72.391667	M	..
Pakistan	34.747222	72.391667	M	W3a1b
Pakistan	34.747222	72.391667	M	W3a1b
Pakistan	34.747222	72.391667	M	U2e1'2'3
Pakistan	34.747222	72.391667	M	M4
Pakistan	34.747222	72.391667	M	M5a
Pakistan	34.747222	72.391667	M	U7a
Pakistan	34.747222	72.391667	F	T2g1
Pakistan	34.747222	72.391667	F	U2c1
Pakistan	34.747222	72.391667	F	U3b1a1
Pakistan	34.747222	72.391667	M	T2g1
Kazakhstan	50.09	74.44	M	..
Kazakhstan	50.09	74.44	M	..
Kazakhstan	50.09	74.44	M	..
Kazakhstan	50.09	74.44	F	..
Kazakhstan	50.09	74.44	F	..
Kazakhstan	50.09	74.44	F	..
Kazakhstan	50.09	74.44	F	..
Kazakhstan	50.09	74.44	F	..
Kazakhstan	50.09	74.44	F	..
Kazakhstan	43.37376667	76.5845	F	T1a1
Kazakhstan	42.68943333	73.11748333	M	J1b1a1
Kazakhstan	42.68943333	73.11748333	M	W1c
Kazakhstan	42.68943333	73.11748333	F	U5a1a1
Kazakhstan	42.68943333	73.11748333	F	T1a1
Kazakhstan	42.68943333	73.11748333	F	U4a1

Kazakhstan	42.68943333	73.11748333	M	U4b1a1a
Kazakhstan	42.68943333	73.11748333	M	R3
Kazakhstan	42.68943333	73.11748333	F	J1b1a1+146
Pakistan	34.767667	72.344693	M	..
Turkmenistan	38.348048	56.24543	F	HV14
Turkmenistan	38.348048	56.24543	M	..
Turkmenistan	38.348048	56.24543	F	I1b
Turkmenistan	38.348048	56.24543	F	HV13
Turkmenistan	38.348048	56.24543	F	HV2
Turkmenistan	38.348048	56.24543	F	HV13
Turkmenistan	38.348048	56.24543	F	H29
Turkmenistan	38.348048	56.24543	F	HV2a
Turkmenistan	38.348048	56.24543	F	U1a1
Russia	53.876	59.076	F	..
Russia	53.876	59.076	F	U5a1i1
Russia	53.876	59.076	F	U2e2a1d
Russia	53.58975	50.57129167	M	U5a1g
Russia	..	..	M	U5a1b
Russia	53.58975	50.57129167	F	U2e1a1
Russia	52.91277778	50.99055556	F	H2a1e
Russia	55.51	77.05	F	H7b
Pakistan	34.75	72.35	M	R5a2
Pakistan	34.75	72.35	F	H
Pakistan	34.75	72.35	F	H15a1a1
Pakistan	34.75	72.35	F	M30
Pakistan	34.75	72.35	F	..
Pakistan	34.75	72.35	M	R6b
Pakistan	34.75	72.35	M	K1b1a1+199
Pakistan	34.75	72.35	F	M52a
Pakistan	34.75	72.35	F	C4a'b'c
Pakistan	34.75	72.35	F	M30d1
Pakistan	34.75	72.35	F	H13a2a
Pakistan	34.45	72.21	M	R5a2
Pakistan	34.75	72.35	M	U2b2
Uzbekistan	37.41666667	66.83333333	M	..
Uzbekistan	37.41666667	66.83333333	M	..
Uzbekistan	37.41666667	66.83333333	M	..
Uzbekistan	37.41666667	66.83333333	M	U7a3
Uzbekistan	37.41666667	66.83333333	M	..
Uzbekistan	37.41666667	66.83333333	M	..
Uzbekistan	37.41666667	66.83333333	F	I1c

Uzbekistan	37.41666667	66.83333333	F	W4a
Uzbekistan	37.41666667	66.83333333	F	U1a'c
Uzbekistan	37.41666667	66.83333333	F	..
Uzbekistan	37.41666667	66.83333333	F	..
Uzbekistan	37.41666667	66.83333333	F	..
Uzbekistan	37.41666667	66.83333333	F	..
Uzbekistan	37.41666667	66.83333333	M	..
Tajikistan	39.50722222	67.46083333	F	..
Tajikistan	39.50722222	67.46083333	F	J1d
Kazakhstan	49.12	75.81	M	..
Iran	30.649857	61.400311	M	I1
Iran	30.649857	61.400311	M	J1
Iran	30.649857	61.400311	M	U2c1
Iran	30.649857	61.400311	M	R7
Russia	52.81666667	60.46666667	M	W1c
Russia	52.81666667	60.46666667	M	U4b1a1a1
Russia	52.81666667	60.46666667	M	H2b
Russia	52.81666667	60.46666667	M	H1
Russia	52.81666667	60.46666667	M	H1
Russia	52.81666667	60.46666667	M	U5a1c
Russia	52.81666667	60.46666667	M	U5b2a1a2
Russia	52.81666667	60.46666667	M	U2e1'2
Russia	52.81666667	60.46666667	M	T1a1
Russia	52.81666667	60.46666667	M	T1a1
Russia	52.81666667	60.46666667	M	H6a1a
Russia	52.81666667	60.46666667	M	T2e2
Russia	52.81666667	60.46666667	M	U2e1
Russia	52.81666667	60.46666667	M	U5a2+16294
Russia	52.81666667	60.46666667	M	U2e1h
Russia	52.81666667	60.46666667	F	U5a1b1f
Russia	52.81666667	60.46666667	F	H2a1a
Russia	52.81666667	60.46666667	F	T2e2
Russia	52.81666667	60.46666667	F	J1b1a1
Russia	52.81666667	60.46666667	F	K1a+195
Russia	52.81666667	60.46666667	F	U5a1a2a
Russia	52.81666667	60.46666667	F	H2b
Russia	52.81666667	60.46666667	F	T2b
Russia	52.81666667	60.46666667	F	H5a1
Russia	52.81666667	60.46666667	F	K1a26
Russia	52.81666667	60.46666667	F	U4a
Russia	52.81666667	60.46666667	F	J1c2

Russia	52.81666667	60.46666667	F	U5b2a1a2
Russia	52.81666667	60.46666667	F	T1a1
Russia	52.81666667	60.46666667	F	J2b1d
Russia	52.81666667	60.46666667	F	K2a5b
Russia	52.81666667	60.46666667	M	H6a1a
Russia	52.81666667	60.46666667	M	H2b
Russia	52.81666667	60.46666667	M	T1a1
Russia	52.81666667	60.46666667	F	J1c5a
Russia	52.81666667	60.46666667	M	T2e2
Russia	..	..	M	J1c1b1a
Russia	52.81666667	60.46666667	M	T1a1
Russia	52.81666667	60.46666667	F	U2e1h
Russia	52.81666667	60.46666667	F	U2e2a
Russia	52.81666667	60.46666667	M	H2b
Russia	52.81666667	60.46666667	M	U2e1'2'3
Russia	52.81666667	60.46666667	M	H13a1a
Russia	52.81666667	60.46666667	F	J1b1a3
Russia	52.81666667	60.46666667	M	H6b
Russia	52.81666667	60.46666667	M	U5a1
Russia	52.81666667	60.46666667	M	J2b1
Russia	52.81666667	60.46666667	M	U5a1
Russia	52.81666667	60.46666667	M	U5a1
Russia	52.81666667	60.46666667	M	U5a1
Russia	52.81666667	60.46666667	M	U2e1'2
Kazakhstan	..	..	F	R3
Russia	48.1	54.44	M	U5a1
Turkmenistan	37.9316	58.432537	M	W3b
Kazakhstan	48.2144	67.0205	M	H3g
Kazakhstan	48.2144	67.0205	M	C4
Turkmenistan	37.872	58.225	M	W3a1
Turkmenistan	37.872	58.225	M	H13a2a
Turkmenistan	37.872	58.225	F	U1a4
Iran	36.15444444	54.38361111	M	..
Iran	36.15444444	54.38361111	M	I1
Iran	36.15444444	54.38361111	M	W3b
Iran	36.15444444	54.38361111	M	HV
Iran	36.15444444	54.38361111	M	W3b
Iran	36.15444444	54.38361111	F	W3b
Iran	36.15444444	54.38361111	F	U7
Iran	36.15444444	54.38361111	F	J1d
Iran	36.15444444	54.38361111	F	..

Iran	36.15444444	54.38361111	F	U5b2a1b
Iran	36.15444444	54.38361111	F	X2
Iran	36.15444444	54.38361111	F	..
Iran	36.15444444	54.38361111	M	U1a'c
Pakistan	34.74888889	72.30833333	M	M65a1
Pakistan	34.74888889	72.30833333	M	T2a1b
Pakistan	34.74888889	72.30833333	M	U8b1a2b
Pakistan	34.74888889	72.30833333	M	R30a1b
Pakistan	34.74888889	72.30833333	F	U7a
Pakistan	34.74888889	72.30833333	F	U1a1a
Pakistan	34.74888889	72.30833333	F	M30+16234
Pakistan	34.74888889	72.30833333	M	..
Pakistan	34.74888889	72.30833333	M	H2a2
Pakistan	34.74888889	72.30833333	M	..
Pakistan	34.74888889	72.30833333	M	..
Pakistan	34.74888889	72.30833333	M	M
Pakistan	34.74888889	72.30833333	F	..
Pakistan	34.74888889	72.30833333	F	..
Pakistan	34.74888889	72.30833333	F	..
Pakistan	34.74888889	72.30833333	F	U4c1a
Pakistan	34.74888889	72.30833333	F	..
Pakistan	34.74888889	72.30833333	F	W3a1
Pakistan	34.74888889	72.30833333	F	U1a1
Pakistan	34.74888889	72.30833333	M	H14a
Pakistan	34.74888889	72.30833333	M	M65a
Pakistan	34.74888889	72.30833333	M	U8b1a
Pakistan	34.74888889	72.30833333	M	T2a1b
Kazakhstan	..	..	F	..
Russia	57.35888889	65.365	F	U5a2b2
Russia	56.03622222	69.33886111	F	U5a1
Russia	56.03622222	69.33886111	F	U2e1'2'3
Kazakhstan	50.2249	81.83678333	M	T1a1
Kazakhstan	..	..	M	A2
Kazakhstan	..	..	M	I2
Kazakhstan	50.2249	81.83678333	M	U5b2a1a2
Kazakhstan	50.2249	81.83678333	M	K1c1
Kazakhstan	50.2249	81.83678333	M	U5b2b
Kazakhstan	50.2249	81.83678333	F	W3a1
Kazakhstan	50.2249	81.83678333	M	U2
Iran	34.45	48.116	M	..
Iran	34.45	48.116	M	J1

Iran	34.45	48.116	F	R2
Iran	34.45	48.116	F	HV*
Russia	52.91277778	50.99055556	M	U2e1
Russia	52.91277778	50.99055556	M	C
Russia	52.54	50.5	F	T1a1
Russia	48.1	54.44	M	U5a1f2
Russia	53.08	50.36	M	H3g
Russia	53.08	50.36	F	H2b
Russia	53.03	50.39	M	H5b
Russia	53.03	50.39	F	H6a1a
Russia	53.03	50.39	F	U5a2a1
Russia	53.12	48.37	M	T2b4
Russia	53.03	50.39	M	U5a1
Russia	53.08	50.36	F	H3g
Russia	53.03	50.39	F	U5a1
PapuaNewGuinea	-4	143	M	..
PapuaNewGuinea	-4	143	M	..
PapuaNewGuinea	-4	143	M	..
PapuaNewGuinea	-4	143	M	..
PapuaNewGuinea	-4	143	M	..
PapuaNewGuinea	-4	143	M	..
PapuaNewGuinea	-4	143	M	..
PapuaNewGuinea	-4	143	M	..
PapuaNewGuinea	-4	143	M	..
PapuaNewGuinea	-4	143	M	..
PapuaNewGuinea	-4	143	M	..
PapuaNewGuinea	-4	143	F	..
PapuaNewGuinea	-4	143	F	..
PapuaNewGuinea	-4	143	F	..
Russia	44.55	135.583333	F	D4
Brazil	-10	-63	M	..
Russia	52.9	103.5	M	..
Australia	-13	143	M	..
China	32.26566812	114	M	..
Brazil	-10	-63	M	..
Congo	1	29	M	..
PapuaNewGuinea	-4	143	M	..
China	21	100	M	..
Russia	51.3975	84.67611111	F	..
Czech Republic	50.19	14.158	M	..
Czech Republic	50.19	14.158	M	..

Czech Republic	50.19	14.158	M	..
India	..	..	M	..
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India	..	..	M	..
India	..	..	M	..
Russia	51.3975	84.67611111	F	..
China	32.26566812	114	M	..
Brazil	-10	-63	M	..
Congo	..	..	M	..
PapuaNewGuinea	-4	143	M	..
China	21	100	M	..
Serbia	44.640262	22.30333	M	U5b2b
Serbia	44.640262	22.30333	M	U5b2b
Serbia	44.640262	22.30333	M	U5a1c1
Serbia	44.640262	22.30333	M	U5a1c1
Serbia	44.640262	22.30333	M	U5a1
Serbia	44.640262	22.30333	F	U5a1c
Serbia	44.552924	22.027563	F	H13
Romania	44.517	22.722	M	H13
Romania	44.517	22.722	F	K1
Serbia	44.595879	22.010568	M	U5a1c
Serbia	44.595879	22.010568	M	U5a2a
Serbia	44.595879	22.010568	M	U5b2c
Serbia	44.595879	22.010568	M	U5a2d
Serbia	44.595879	22.010568	F	K1f
Serbia	44.595879	22.010568	F	U5a1
Serbia	44.595879	22.010568	F	U5a2d
Serbia	44.595879	22.010568	F	K1c
Serbia	44.595879	22.010568	F	U4a
Serbia	44.595879	22.010568	F	U5b1d1
Romania	44.629711	22.6125561	M	U5a2
Romania	44.629711	22.6125561	M	K1
Romania	44.629711	22.6125561	M	U5a1c1
Serbia	44.53368	22.05032	M	U5a2a
Serbia	44.53368	22.05032	M	U4a
Serbia	44.53368	22.05032	M	U4a

Serbia	44.53368	22.05032	M	K1c
Serbia	44.53368	22.05032	M	U5a1c1
Serbia	44.53368	22.05032	M	U4b1b1
Serbia	44.53368	22.05032	M	U4b1b1
Serbia	44.53368	22.05032	F	K1c
Serbia	44.53368	22.05032	F	U8b1b
Serbia	44.53368	22.05032	F	U5b2a1a
Serbia	44.53368	22.05032	F	U5b1d1
Serbia	44.53368	22.05032	F	U5b1d1a
Serbia	44.53368	22.05032	F	U5a2d
Serbia	44.53368	22.05032	F	U5b2a1a
Serbia	44.53368	22.05032	F	U5a1c
Serbia	44.53368	22.05032	F	U5a2a
Latvia	56.2833	25.1333	M	U5a2c
Latvia	56.2833	25.1333	M	U5a2c
Latvia	56.2833	25.1333	M	U5b1d1
Latvia	56.2833	25.1333	M	U5a2d
Latvia	56.2833	25.1333	M	U5a2d
Latvia	56.2833	25.1333	M	U5a2d
Latvia	56.2833	25.1333	M	U5a1c
Latvia	56.2833	25.1333	M	U5a2c3
Latvia	56.2833	25.1333	M	U4b1a2
Latvia	56.2833	25.1333	M	U4a1
Latvia	56.2833	25.1333	M	U5a1c
Latvia	56.2833	25.1333	M	U5b2a1a
Latvia	56.2833	25.1333	M	U2e1
Latvia	56.2833	25.1333	F	U5a1c
Latvia	56.2833	25.1333	F	U2e1
Latvia	56.2833	25.1333	F	U5a1d
Austria	48.663197	16.589687	M	T2b23
Austria	48.663197	16.589687	F	N1a1
Austria	48.579752	16.46931	M	J1c2
Austria	48.579752	16.46931	M	K1a1a
Austria	48.579752	16.46931	M	H67
Austria	48.579752	16.46931	F	H
Austria	48.579752	16.46931	F	T2b
Austria	48.579752	16.46931	F	K1b1a
Ukraine	48.7225	25.880833	M	U8b1b
Ukraine	48.7225	25.880833	M	HV
Ukraine	48.7225	25.880833	M	H5a
Ukraine	48.7225	25.880833	M	T2b

Ukraine	48.91422	33.76493	M	U5a1b
Ukraine	48.91422	33.76493	M	U4a
Ukraine	48.91422	33.76493	M	U5a1b
Ukraine	48.91422	33.76493	M	U5a2a
Ukraine	48.91422	33.76493	M	U4d
Ukraine	48.91422	33.76493	M	U4a1
Ukraine	48.91422	33.76493	M	U4a
Ukraine	48.91422	33.76493	M	U5a2a
Ukraine	48.91422	33.76493	M	U5a2a
Ukraine	48.91422	33.76493	M	U5a1b
Ukraine	48.91422	33.76493	M	U5a1
Ukraine	48.91422	33.76493	M	U4a1
Ukraine	48.91422	33.76493	F	U5a2a
Ukraine	48.91422	33.76493	F	U4d
Ukraine	47.434167	35.276389	M	U5b2
Ukraine	47.434167	35.276389	F	U5b2b1
Ukraine	47.9543	35.3893	M	U4b1a
Ukraine	47.9543	35.3893	M	U2e1
Ukraine	47.9543	35.3893	M	U4b1b1
Ukraine	47.9543	35.3893	M	U4d
Ukraine	47.9543	35.3893	M	U5a2a
Ukraine	47.9543	35.3893	M	T2
Ukraine	47.9543	35.3893	M	U4b1a
Ukraine	47.9543	35.3893	M	U5b2a1a
Ukraine	47.9543	35.3893	M	U4d
Ukraine	47.9543	35.3893	F	U4b
Ukraine	47.9543	35.3893	F	U5b2a1a
Ukraine	48.133333	35.083333	M	U5a2
Ukraine	48.133333	35.083333	F	U4b
Ukraine	48.220364	37.146114	F	T1a1
Ukraine	48.220364	37.146114	F	H15b1
Ukraine	48.991214	33.950515	F	R0a1
Turkey	40.3	29.56666667	F	K1a-C150T
Turkey	40.3	29.56666667	F	J1c
Hungary	47.167	19.833	F	H
Spain	42.911	-5.3778	M	U5b2c
Russia	61.65	35.65	M	C1
Germany	51.28305556	11.65	M	H1orH1au1b
Germany	51.66	11.53	F	J1c17
Germany	48.78	9.18	F	T2e
Germany	48.78	9.18	F	T2b

Germany	48.78	9.18	F	T2b
Russia	53.680623	50.675349	M	U5a1d
Russia	52.42	48.24	M	U4a1aorU4a1d
Russia	51.27	58.18	M	H13a1a1
Russia	52.3	52.05	F	H2b
Russia	53.31	51.15	M	H6a1b
Russia	53.38	50.39	M	U5a1a1
Russia	53.38	50.39	M	W3a1a
Russia	53.38	50.39	M	T2c1a2
Russia	53.38	50.39	F	W6c
Russia	53.38	50.38	M	U5a1a1
Turkey	40.3	29.56666667	M	W1-T119C
Turkey	40.3	29.56666667	M	K1a3a
Turkey	40.3	29.56666667	M	T2b
Turkey	40.3	29.56666667	M	K1b1b1
Turkey	40.3	29.56666667	M	K1a2
Turkey	40.3	29.56666667	M	J1c11
Turkey	40.3	29.56666667	M	K1aorK1a1
Turkey	40.3	29.56666667	M	T2b
Turkey	40.3	29.56666667	M	U8b1b1
Turkey	40.3	29.56666667	M	U3
Turkey	40.3	29.56666667	M	N1a1a1
Turkey	40.3	29.56666667	M	N1b1a
Turkey	40.3	29.56666667	F	N1a1a1a
Turkey	40.3	29.56666667	F	K1aorK1a6
Turkey	40.3	29.56666667	F	X2d2
Turkey	40.3	29.56666667	F	U3
Turkey	40.3	29.56666667	F	H5
Turkey	40.26	29.65	M	K1a4
Turkey	40.26	29.65	M	X2m2
Turkey	40.26	29.65	M	K1a2
Turkey	40.26	29.65	F	N1a1a1
Turkey	40.26	29.65	F	HorH5-C16192
Russia	61.65	35.65	M	U4a
Russia	52.22	48.1	M	H2a1
Russia	52.22	48.1	M	U4a2orU4d
Russia	52.22	48.1	M	U5a1i
Germany	51.28305556	11.65	M	H46b
Russia	53.58975	50.57129167	M	U2d2
Russia	53.31	51.15	M	H6a2
Russia	53.38	50.39	M	I3a

Russia	49.96666667	44.66666667	M	H13a1a
Russia	53.66	50.67	M	U5a1c
Russia	52.91277778	50.99055556	F	T1a1
Russia	53.14	50.01	F	I1a1
Russia	53.14	50.01	F	K1b2a
Taiwan	22.843145	121.185356	M	..
Taiwan	22.843145	121.185356	M	..
Taiwan	24.611712	121.296444	M	..
Australia	-13	143	U	..
Pakistan	30.49871492	66.5	M	..
Pakistan	30.49871492	66.5	M	..
India	17.72	83.32	M	..
India	17.72	83.32	M	..
Pakistan	30.49871492	66.5	M	..
Pakistan	30.49871492	66.5	M	..
Pakistan	36.49838568	74	M	..
Pakistan	36.49838568	74	F	..
Russia	69	169	M	..
China	32.26566812	114	M	..
China	32.26566812	114	F	..
India	13.5	80	M	..
India	13.5	80	M	..
India	17.72	83.32	M	..
India	17.72	83.32	M	..
Brazil	-10	-63	M	..
Brazil	-10	-63	F	..
India	34.43333333	75.75	M	..
India	17.72	83.32	M	..
India	17.72	83.32	M	..
India	17.72	83.32	M	..
India	17.72	83.32	M	..
India	17.68333333	83.21666667	F	..
Congo	1	29	M	..
Congo	1	29	M	..
Congo	1	29	F	..
India	11.66666667	92.65	F	..
India	11.66666667	92.65	F	..
Pakistan	33.48700562	70.5	M	..
Pakistan	33.48700562	70.5	F	..
Pakistan	31.5	74.3	M	..
Pakistan	31.5	74.3	M	..

Pakistan	31.5	74.3	F	..
Pakistan	31.5	74.3	F	..
India	17.72	83.32	M	..
India	17.72	83.32	M	..
Pakistan	25.49063551	69	M	..
Pakistan	25.49063551	69	F	..
Bangladesh	23.7	90.4	M	..
Bangladesh	23.7	90.4	F	..
China	21	100	M	..
China	21	100	F	..
China	21	100	F	..
India	22.5	83.95	M	..
India	10.78333333	76.65	M	..
Nepal	28.07245287	84.259486	M	..
Nepal	28.07245287	82.48778	M	..
Pakistan	26	64	M	..
Pakistan	26	64	F	..
Ethiopia	6.797495	38.207852	M	L3x2a
Germany	48.78	9.18	F	T2c1d1
Germany	51.89583333	11.04666667	M	T2b
Germany	51.89583333	11.04666667	F	N1a1a1a
Germany	51.89583333	11.04666667	M	K1a+195C!
Germany	51.89583333	11.04666667	M	N1a1a1a2
Germany	51.89583333	11.04666667	M	X2d
Germany	51.89583333	11.04666667	F	K1a2
Germany	51.89583333	11.04666667	F	N1a1a1
Germany	51.89583333	11.04666667	F	T2c1+146C!
Hungary	47.31875	19.16692	M	U5b3f
Hungary	47.31875	19.16692	F	T2b
Hungary	46.78469	17.731714	M	K1a
Hungary	46.78469	17.731714	M	J1c+16261T+18
Hungary	46.78469	17.731714	M	U8b1a1
Hungary	46.78469	17.731714	M	U5a1
Hungary	47.62094	19.04494	M	HV
Hungary	47.62094	19.04494	M	H26a
Hungary	47.62094	19.04494	M	J2a1a1
Hungary	47.62094	19.04494	M	U5b
Hungary	47.684976	19.918434	F	T2c1d1
Hungary	46.665765	17.270774	F	T2f
Germany	51.89583333	11.04666667	M	N1a1a1a3
Germany	51.89583333	11.04666667	M	T2b

Germany	51.89583333	11.04666667	M	N1a1a1a3
Germany	51.89583333	11.04666667	M	H1e
Germany	51.89583333	11.04666667	F	K1
Germany	51.89583333	11.04666667	F	K2a
Germany	51.89583333	11.04666667	F	T2b
Germany	51.89583333	11.04666667	F	H26
Germany	51.89583333	11.04666667	F	J1c
Germany	51.89583333	11.04666667	F	V1
Germany	51.89583333	11.04666667	F	T2b
Germany	51.89583333	11.04666667	F	N1a1a1
Turkey	40.3	29.56666667	F	K1a17
Armenia	39.73	45.2	M	H2a1
Armenia	39.73	45.2	M	K1a8
Armenia	39.73	45.2	M	H
Armenia	39.73	45.2	F	K1a8
Armenia	39.73	45.2	F	U4a
Armenia	40.65	45.1167	M	X2f
Armenia	40.65	45.1167	F	H1u
Armenia	40.39075	43.89106667	F	U3a2
Iran	34.45	48.116	F	X2
Iran	35.591	53.501	M	..
Iran	34.5	47.96	M	I1c
Iran	34.5	47.96	M	K1a12a
Iran	34.5	47.96	F	U3a'c
Iran	34.5	47.96	F	H29
Iran	34.5	47.96	F	U7a
Iran	34.5	47.96	M	K1a12a
Switzerland	47.09999847	6.869999886	M	U5b1h
Georgia	42.28	43.28	M	H13c
Georgia	42.38	42.59	M	..
..	..	..	M	..
Russia	56.016	92.866	F	R1b
Spain	43.26	-3.45	F	U5b
Belgium	50.26	4.28	M	M
Russia	51.23	39.3	M	..
Czech Republic	48.53	16.39	M	U5
Italy	46.15	12.21	M	U5b2b
Russia	57.7	71.1	M	R*
Iran	..	..	M	R2
Iran	..	..	F	T2c
Iran	..	..	F	R2

Iran	..	..	M	J1d6
Russia	53.153	90.194	F	..
Russia	53.153	90.194	F	..
Russia	46.556	43.676	M	U5a1i
Russia	46.58	43.678	F	U5a1d1
Russia	46.539	43.699	M	U5a1d2b
Russia	46.539	43.699	M	T2a1a
Russia	46.539	43.699	M	U4
Russia	46.615	43.334	M	T2a1a
Sri Lanka	..	..	M	..
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Y chrom. calls	Coverage at autosomal SNPs in the in-solution enrichment experiment	SNPs hit on autosomes	Damage restricted?	Assessment of data quality
..	0.918905	616129	All	PASS
..	1.309773	708932	All	PASS
..	2.697	702290	All	PASS
Q1a2	3.759	768534	All	PASS (Xcontam=0.007)
R1b1a1a2a2	7.81	917159	All	PASS (Xcontam=0.004)
..	4.888	810871	All	PASS
..	0.304	291825	All	PASS
R1b1a1a2a	0.213903	220203	All	PASS
R1b1a1a2a2	3.17406	944165	All	PASS (Xcontam=0.009)
R1b1a1a2a2	1.291225	725428	All	PASS
R1b1a1a2a2	3.056	837461	All	PASS
R1b1a1a2a2	0.212	224619	All	QUESTIONABLE (damage=0.02(
..	0.181	190995	All	QUESTIONABLE (damage=0.013
R1b1a1a2a2	2.702	818967	All	PASS (Xcontam=0.007)
..	1.116	657546	All	PASS
..	4.791	864090	All	QUESTIONABLE (damage=0.024
R1b1a1a2a2	2.926	831605	All	PASS
R1b1a1a2a2	0.525	378345	All	PASS
R1b1a1a2a2	2.715	819809	All	PASS (Xcontam=0.005)
R1b1a1a2a2	0.635	509531	All	PASS (Xcontam=0.001 andXcor
..	3.742	755085	All	PASS
Q1a2	3.611174	868211	All	PASS (Xcontam=0.008)
Q1a2	3.928	771654	All	PASS (Xcontam=0.005)
R1a1a1b2	1.877	769075	All	PASS (Xcontam=0.008)
R1a	5.029	802159	All	PASS
R1a1a1b	4.541	801882	All	PASS (Xcontam=0.007)
R1a1a1b2	3.964	804977	All	PASS (Xcontam=0.004)
..	4.246	806683	All	PASS
G2a2a	0.605312	432486	All	PASS
R2a3a2b2b1	2.702195	810475	All	PASS (Xcontam=0.004)
..	1.65374	724342	All	PASS
..	4.437622	886185	All	PASS
..	0.256993	244325	All	PASS (no.damage.measuremer
H1a1	0.179339	188029	All	PASS
..	0.744737	506337	All	PASS (no.damage.measuremer
..	1.037839	597160	All	PASS (no.damage.measuremer

..	0.376289	336190	All	PASS (no.damage.measuremer
E1b1a1a1c2b1	0.011	13595	Damage	PASS
G	0.02	24080	All	PASS
J	0.069	77841	All	PASS
J2a	0.293322	281113	All	PASS
J2a1	0.265	242409	All	PASS
L1a	1.582	777954	All	PASS (Xcontam=0.011)
..	0.263	254447	All	PASS
J1	0.918819	573555	All	PASS (no.damage.measuremer
J1	1.596593	714449	All	PASS (no.damage.measuremer
..	1.176618	643702	All	PASS (no.damage.measuremer
..	0.683765	481782	All	PASS (no.damage.measuremer
..	3.728	775219	All	PASS
R1a1a1b2a2a	2.114	872974	All	PASS (Xcontam=0.004)
..	0.327	296774	All	PASS
..	0.350632	323601	All	PASS
R1b1a1a2a1a	0.031	36481	Damage	PASS
..	2.452	829426	All	PASS
..	3.354	755420	All	QUESTIONABLE (mtcontam=0.8
..	3.235	758945	All	PASS
R1b1	3.011	732399	All	PASS
..	1.608	712798	All	PASS
..	0.9	571489	All	PASS
..	1.89	662617	All	PASS
..	3.556	747332	All	PASS
..	1.253612	719490	All	PASS
..	1.095567	654512	All	PASS
..	0.004	4451	All	QUESTIONABLE (2500-5000 SN
..	3.547	777383	All	PASS
..	4.293	921250	All	PASS
R2a	3.312513	934570	All	PASS (Xcontam=0.004)
R2a	5.003401	938523	All	PASS
..	0.089027	99468	All	PASS
R2a	0.154656	164699	All	PASS (mtcontam=0.894-0.915)
R2a	0.205223	208662	All	QUESTIONABLE.CRITICAL (mtcc
I2a2a2a	0.028172	33150	All	PASS
J	0.215971	218951	All	PASS(mtcontam=0.953)
J1	0.393825	364500	All	PASS
Q	0.09774	109790	All	PASS
R	0.037494	43779	All	PASS
..	0.379169	344133	All	PASS

..	0.025556	29453	All	PASS(mtcontam=0.978)
..	0.137141	145487	All	QUESTIONABLE(mtcontam=0.9
..	0.104372	112641	All	PASS
..	0.213756	214226	All	QUESTIONABLE(mtcontam=0.9
J1	0.104389	115677	All	QUESTIONABLE(mtcontam=0.8
..	0.173724	181796	All	PASS(mtcontam=0.965)
E1b1a1a1c2c3c	0.043698	51113	All	PASS (Xcontam=not.done[<200
E1b1b1	0.130472	141334	All	PASS
J	0.030159	35446	All	PASS
J1	1.794	662584	All	PASS (Xcontam=0.005)
R	0.064651	73668	All	PASS
T	0.345139	312044	All	PASS
..	0.241703	239217	All	QUESTIONABLE (Z=2.6.for.dam
..	0.025384	29359	All	PASS
..	0.302469	281189	All	PASS
..	0.195499	198651	All	QUESTIONABLE (Z=2.1.for.dam
..	0.103933	113140	All	PASS
..	0.348086	317154	All	PASS
..	0.232939	230253	All	PASS
..	0.074029	83003	All	PASS
..	0.135771	144321	All	PASS
..	0.098242	108967	All	PASS (no.damage.measuremer
..	0.013581	15952	All	PASS (warning.no.screening.me
A	0.003357	4053	All	QUESTIONABLE (2500.to.5000.
A	0.007242	8667	All	PASS (Xcontam=not.done[<200
A	0.011946	14014	All	QUESTIONABLE (sex.intermedia
A	0.006618	7777	All	QUESTIONABLE (sex.intermedia
A	0.005061	6008	All	QUESTIONABLE (sex.intermedia
BT	0.002592	3106	All	QUESTIONABLE (2500.to.5000.
BT	0.007985	9474	All	PASS
CT	0.006419	7736	All	PASS (Xcontam=not.done[<200
CT	0.006362	7636	All	PASS
J	0.002926	3500	All	QUESTIONABLE (2500-5000.SN
..	0.011838	13880	All	PASS
..	0.005498	6462	All	PASS (no.damage.measuremer
..	0.007157	8437	All	PASS (no.damage.measuremer
..	0.004	4656	All	QUESTIONABLE (2500-5000.SN
..	0.012585	14673	All	PASS
..	0.004612	5439	All	PASS
J	0.039834	46468	All	QUESTIONABLE (sex.intermedia
..	0.205964	205333	All	PASS

P	0.036272	41936	All	QUESTIONABLE (L1:mtcontam=
..	0.01475	17240	All	QUESTIONABLE (sex.intermedi
A	0.007634	9040	All	QUESTIONABLE (mtcontam=0.9
..	0.341635	314905	All	PASS
..	3.680101	874858	All	QUESTIONABLE (popgen.Europ
CT	0.013842	16500	All	PASS
J2b	2.461626	863861	All	PASS (Xcontam=0.007)
J2b	7.292479	916581	All	PASS (Xcontam=0.014, no.dam
R1b1a1a2a2	0.641309	487276	All	PASS
..	0.578908	458229	All	PASS
..	2.871	745071	All	PASS
R	0.183085	195944	All	PASS
R1	0.199563	208845	All	PASS
..	5.152	863091	All	PASS
..	4.234	773829	All	PASS
..	2.395	727580	All	PASS
..	0.038	43000	All	PASS
..	0.328	307396	All	PASS
..	0.225114	214294	All	PASS
BT	0.006	7159	All	PASS
C2b	0.126689	136470	All	PASS
R1a1a1b2a2a	3.111	778899	All	PASS (Xcontam=0.005)
R1a1a1b2a2a	1.085	499717	All	PASS
R1a1a1b2a2a	2.107	713982	All	PASS (Xcontam=0.009)
R1a1a1b	0.635	421725	All	PASS
R1a1a1b	2.486	732809	All	PASS
J2a1	1.127	665846	All	PASS
R2a3a	0.328	313441	All	PASS
..	2.75	839349	All	PASS
..	3.052	850658	All	PASS
R1a1	0.841	518037	All	PASS
R1a1a1b	2.431	731426	All	PASS (Xcontam=0.006)
..	3.651	737799	All	PASS
..	4.271	771240	All	PASS
R	0.107	118752	All	PASS
R1a1a1b	0.477	417553	All	PASS
R1a1a1b2a2a	1.642	717312	All	PASS
R1a1a1b	0.495	404194	All	PASS
..	0.115	125632	All	PASS
..	0.363	326313	All	PASS
R1a1a1b	4.6	822898	All	PASS (Xcontam=0.006)

R1a1a1b	2.188	777732	All	PASS
R1a1a1b	3.933119	848573	All	PASS (Xcontam=0.006)
R1a1a1b1a2b1	3.483	789432	All	PASS (Xcontam=0.004)
R1a1a1b2	1.932	774254	All	PASS (Xcontam=0.009)
R1a1a1b2a	2.759	811090	All	PASS (Xcontam=0.005)
..	3.367	792629	All	PASS
..	3.779	801039	All	PASS
..	4.149442	832816	All	PASS
R1a1a1b	1.18	676099	All	PASS (Xcontam=0.017)
Q1a2	4.139634	855416	All	PASS
..	3.501	730820	All	PASS
Q1a2b2	4.481	792744	All	PASS (Xcontam=0.007)
..	0.254859	244356	All	PASS
..	1.315554	711231	All	PASS
L1a	3.366522	867271	All	PASS(Xcontam=0.005)
L1a	1.229949	568861	All	PASS(Xcontam=0.004)
R1b1a1a2a1a1(	3.95464	881251	All	PASS(Xcontam=0.005)
R2a	3.533623	841544	All	PASS(Xcontam=0.004)
C1b1a1a1	0.603595	446528	All	PASS (no.damage.measuremer
L1a	3.902956	822908	All	PASS (Xcontam=0.008,no.dama
Q1b2	1.969	800820	All	PASS (Xcontam=0.008)
..	1.681005	767155	All	PASS
..	2.717336	833971	All	PASS (Xcontam=not.applicable
..	1.353164	667506	All	PASS (no.damage.measuremer
..	2.192132	804247	All	PASS
L1a	3.080538	795803	All	PASS (Xcontam=0.007,no.dama
R1a1a1b	3.777477	843409	All	PASS (Xcontam=0.005)
R1a1a1b	4.057975	854228	All	PASS (Xcontam=0.004)
R1a1a1b	4.087137	863097	All	PASS (Xcontam=0.004)
..	4.09889	824759	All	PASS
..	4.431851	846916	All	PASS
..	2.992177	802803	All	PASS
..	4.087319	858101	All	PASS
..	4.100401	836234	All	PASS
..	4.317369	851892	All	PASS
..	1.753	733200	All	PASS
R1a	0.116	123356	All	PASS
R1a1a1b2a2a	4.334	851851	All	PASS
..	5.027272	848198	All	PASS
..	1.08389	662193	All	PASS
..	0.594	397566	All	PASS

R1a1a1b2a2a	0.339	302934	All	PASS
R1a1a1b2a2a	0.264	238218	All	PASS
..	0.125287	134188	All	PASS
L1a	2.006602	775770	All	PASS (Xcontam=0.005)
..	3.746394	863817	All	PASS
G	0.002216	2677	All	QUESTIONABLE(2500.to.5000.9
..	3.801	781276	All	PASS
..	3.813	782514	All	PASS
..	2.165302	769168	All	PASS
..	1.716	677966	All	PASS
..	2.461807	821527	All	PASS
..	2.499934	811059	All	PASS
..	2.046477	793068	All	PASS
..	0.054005	61601	All	PASS
..	0.189165	199936	All	PASS
..	0.08202	91812	All	PASS
R1b1a1a2a2	1.02177	684101	All	PASS
R1b1a1a2a2	1.682285	758722	All	PASS
..	3.822483	863757	All	PASS
..	1.070382	656704	All	PASS
..	0.025226	29317	All	QUESTIONABLE (mtcontam=0.7
R1a1a1b	3.842956	870281	All	PASS (Xcontam=0.006)
..	1.288297	687206	All	PASS
..	1.057767	607991	All	PASS
..	5.913008	932517	All	PASS
..	1.777793	785951	All	PASS
L1a	4.134706	899841	All	PASS(Xcontam=0.004)
Q1b2	2.073666	784571	All	PASS(Xcontam=0.009)
..	2.944298	826863	All	PASS
..	2.111027	798312	All	PASS
..	3.558173	865077	All	PASS
..	4.095576	862146	All	PASS
A	0.009	11121	All	PASS
R2a3a2b	3.505971	869843	All	PASS(Xcontam=0.006)
G2a2a	2.189652	899293	All	PASS
J2a	1.850347	865688	All	PASS (Xcontam=0.007)
J2a1	1.303608	740205	All	PASS (Xcontam=0.008)
L1a	0.341	316114	All	PASS
R2a	2.631643	873180	All	PASS (Xcontam=0.005)
R2a	2.904231	913041	All	PASS
..	2.134	730935	All	PASS

..	0.545	437892	All	PASS
..	1.529	661883	All	PASS
..	3.529709	917143	All	PASS
..	2.981067	892482	All	PASS
..	1.977855	813406	All	PASS
..	0.668442	476130	All	PASS
Q1b2	0.361499	337508	All	PASS
..	0.370281	345593	All	QUESTIONABLE (mtcontam=0.8
..	2.026	783119	All	PASS
R1a1a1b2a2a	3.784221	886521	All	PASS (Xcontam=0.008)
J2a1	0.168067	173203	All	PASS
J2a1	1.303552	646665	All	PASS
J2a1h	1.07642	615461	All	PASS(Xcontam=0.008)
J2a	1.141412	657739	All	PASS(Xcontam=0.007)
R1a1a1b2a2a	0.427	392870	All	QUESTIONABLE (Xcontam=0.02
I2a1a1a	0.054175	62743	All	PASS
R1	0.135251	149118	All	PASS
R1	0.11707	130945	All	PASS
R1	0.211599	222411	All	PASS
R1a	0.069187	79292	All	PASS
R1a1	0.304	294473	All	PASS
R1a1a	0.262	267279	All	PASS
R1a1a1	0.313842	309789	All	PASS
R1a1a1	0.555	464685	All	QUESTIONABLE (Xcontam=0.03
R1a1a1b	0.164	171414	All	PASS
R1a1a1b2a	0.347	334635	All	PASS
R1a1a1b2a	0.335	323716	All	QUESTIONABLE (formalXcontar
R1a1a1b2a2a	1.942397	873259	All	PASS (Xcontam=0.006)
R1b1	0.293272	292528	All	PASS
..	0.076196	85607	All	PASS
..	0.098218	108935	All	PASS
..	0.606801	494646	All	PASS
..	1.419945	704696	All	PASS
..	0.046524	53300	All	PASS
..	0.215	217559	All	PASS
..	0.583	475329	All	PASS
..	0.158	159289	All	PASS
..	0.224715	222862	All	PASS
..	0.16	170444	All	PASS
..	0.601	496245	All	PASS
..	0.257	257140	All	PASS

..	2.097	830007	All	PASS
..	0.582	488227	All	PASS
..	0.065777	74303	All	PASS
..	3.804717	859417	All	PASS
R1a1a1b2a2a	2.08	840565	All	PASS (Xcontam=0.008)
R1a1a1b2a2a	3.59	866643	All	PASS (Xcontam=0.004)
R1a1a1b2a2a	3.648	993163	All	PASS (Xcontam=0.006)
..	0.826	580668	All	PASS
R1a1a1b2a2a	0.990519	684687	All	PASS
R1b1a1a2	0.604195	497335	All	PASS
P1	0.062091	71391	All	PASS
..	0.123001	134350	All	PASS
..	0.056195	63895	All	PASS
R1a1a1b2a2a	2.463	845956	All	PASS (Xcontam=0.002)
Q1a	0.108994	121752	All	PASS
R1b1a1a2	0.027103	31802	All	PASS
..	0.506103	435799	All	PASS
Q1a2	0.36	339948	All	PASS
R1a1a1b2a2a	2.131	829304	All	PASS (Xcontam=0.008)
R1b1a1a2a2	0.914	640367	All	PASS (Xcontam=0.009)
R1a1a1b	0.454	401630	All	PASS (Xcontam=0.018)
R1a1a	0.691	531218	All	PASS
R1b1a1a	0.375518	357629	All	PASS
R1b1a1a1	1.029	679080	All	PASS (Xcontam=0.011)
..	0.517	379892	All	PASS
R1	0.03	35413	All	PASS
R2a	0.985655	658949	All	PASS
R1a1a1b2a2a	4.599	792678	All	PASS (Xcontam=0.004)
J2a1h2	0.483	369196	All	PASS
R2a	2.902	803294	All	PASS (Xcontam=0.012)
R2a3a	1.294	659729	All	PASS (Xcontam=0.017)
..	1.995	721350	All	PASS
J	0.547576	404589	All	PASS
J2a1h2	0.673423	521911	All	PASS
L2	1.35	576483	All	PASS
T	0.271941	243409	All	PASS
T1a	5.554	745066	All	PASS (batch.flag)
..	1.826	634820	All	QUESTIONABLE (batch.flag)
..	0.039684	45366	All	PASS
..	0.175461	180658	All	PASS
..	0.297904	279888	All	PASS

..	1.386	601080	All	PASS
..	1.884	664720	All	PASS
..	0.202184	205957	All	PASS
H3	0.007056	8442	All	PASS
E1b1b1b2	2.935503	835510	All	PASS(Xcontam=0.005)
E1b1b1b2	3.453744	800279	All	PASS(Xcontam=0.005)
E1b1b1b2	2.156366	775768	All	PASS(Xcontam=0.008)
H1a1a	3.867075	831990	All	PASS(Xcontam=0.008)
..	0.914541	580413	All	PASS
..	1.122484	622657	All	PASS(mtcontam=0.959)
..	0.846299	560342	All	PASS(mtcontam=0.979)
DE	0.014406	17170	All	PASS
E1a	0.039648	45938	All	PASS
E1b1b1b2	2.884011	838191	All	PASS (Xcontam=0.007)
E1b1b1b2	2.11586	764737	All	PASS (Xcontam=0.006)
E1b1b1b2a	4.204466	897462	All	PASS
..	0.718819	515354	All	PASS
..	1.704088	718364	All	PASS
..	1.73059	716629	All	PASS
..	0.058369	66220	All	PASS (no.damage.measuremer
..	0.162139	161834	All	QUESTIONABLE (L2.and.L3.inte
..	0.455248	370900	All	PASS
..	0.017444	20336	All	PASS (no.damage.measuremer
E1b1b1b2a	3.02248	826940	All	PASS (Xcontam=0.008)
A0-T	0.003897	4571	All	QUESTIONABLE.CRITICAL (mtcc
CT	0.007343	8814	All	PASS (Xcontam=not.done[<20(
E1b1b1b2	0.186	189566	All	PASS
..	3.828264	831975	All	PASS
..	1.761	625559	All	PASS
..	0.027	31796	All	QUESTIONABLE.CRITICAL (mtcc
..	5.346	805830	All	PASS
R1a1a1b2a2a	1.017	618137	All	PASS
R1a1a1b	3.36	778826	All	PASS
R1a1a1b2a2a	3.761	788293	All	PASS (Xcontam=0.004)
Q1a2a1c	1.429	736054	All	PASS
R1a1a1b	1.973	745643	All	PASS
R1b1a1a1	1.799	754202	All	PASS
..	1.811	746643	All	PASS (Damage:0.01-0.03)
R1a1a1b2a2a	1.505	724973	All	PASS
R1	0.141247	149362	All	PASS
R2a	0.242441	247405	All	PASS (mtcontam=0.894-0.915)

..	0.053958	61169	All	PASS
..	0.033877	38566	All	QUESTIONABLE.CRITICAL (mtcc
R1a1a1b2a2a	0.728242	583943	All	PASS
R1	0.166957	176641	All	PASS
..	2.297808	876789	All	PASS
R1a1a1b2	8.649537	1112239	All	PASS (Xcontam=0.007)
R1a1a1b2a2a	4.494341	978891	All	PASS (Xcontam=0.007)
..	0.265684	253515	All	PASS
R1a1a	0.692967	550931	All	PASS
..	0.465684	406361	All	PASS
..	2.202642	866715	All	PASS
R1a1a1b2a	0.818094	619183	All	QUESTIONABLE (Xcontam=0.02
R1a1	0.099189	112159	All	PASS
..	0.183659	190316	All	PASS
..	0.611429	513208	All	PASS
C1b2a1d1	51.02	1119621	All	PASS (SGDP, Fully Public)
C1b2a1d1	43.9	1118542	All	PASS (SGDP, Fully Public)
K2b1	42.21	1118110	All	PASS (SGDP, Fully Public)
K2b1	43.06	1118992	All	PASS (SGDP, Fully Public)
M1	33.59	1118510	All	PASS (SGDP, Fully Public)
M1	48.76	1119624	All	PASS (SGDP, Fully Public)
M1	45.06	1118670	All	PASS (SGDP, Fully Public)
M1a1	41.65	1118955	All	PASS (SGDP, Fully Public)
S	46.73	1118158	All	PASS (SGDP, Fully Public)
S	44.16	1116429	All	PASS (SGDP, Fully Public)
S1d	48.45	1118633	All	PASS (SGDP, Fully Public)
..	45.12	1118074	All	PASS (SGDP, Fully Public)
..	43.16	1118089	All	PASS (SGDP, Fully Public)
..	35.15	1118823	All	PASS (SGDP, Fully Public)
..	0.061	69213	All	PASS (literature)
BT	22.576	1150185	All	PASS (literature)
R1b1a1a2	1.206	820035	All	PASS (literature)
C1b2b1	43.26	1118393	All	PASS (SGDP version of publishe
O1b1a1a1b	37.72	1118654	All	PASS (SGDP version of publishe
Q1a2a1a1	37.39	1119018	All	PASS (SGDP version of publishe
E2b1a1	39.59	1111710	All	PASS (SGDP version of publishe
C1b2a1d1	44.45	1117740	All	PASS (SGDP version of publishe
C2	39.22	1117410	All	PASS (SGDP version of publishe
..	52	1149663	All	PASS (literature)
I2a2a2a	3.646946	773560	All	PASS (Xcontam=0.005)
R1a1	1.095572	636343	All	PASS

R1a1a	3.362758	780479	All	PASS (Xcontam=0.006)
A	13.83	1126122	All	PASS (literature)
C2	14.19	1141134	All	PASS (literature)
C2	14.27	1140463	All	PASS (literature)
C2	14.29	1134665	All	PASS (literature)
E1a	13.85	1141759	All	PASS (literature)
H1a1d2c1b1	12.71	1171825	All	PASS (literature)
H1a1d2c1b1	15.11	1170777	All	PASS (literature)
H1a1d2c1b1	13.67	1170624	All	PASS (literature)
H1a1d2c1b1	18.91	1161743	All	PASS (literature)
C2	14.31	1141246	All	PASS (literature)
C2	13.41	1140152	All	PASS (literature)
E1a	13.87	1139656	All	PASS (literature)
E1a	13.96	1139953	All	PASS (literature)
E1a	13.65	1139202	All	PASS (literature)
E1a	14.18	1139763	All	PASS (literature)
E1a	14.22	1139751	All	PASS (literature)
H1b2	14.37	1170110	All	PASS (literature)
H3a2a	13.47	1170038	All	PASS (literature)
L1a1	15.29	1171814	All	PASS (literature)
C2	14.13	1140888	All	PASS (literature)
D1	12.64	1168195	All	PASS (literature)
D1	14.12	1171066	All	PASS (literature)
D1	17.47	1147537	All	PASS (literature)
C2	13.41	1140653	All	PASS (literature)
C2	12.63	1138780	All	PASS (literature)
C2	13.3	1139881	All	PASS (literature)
C2	14.21	1138293	All	PASS (literature)
D1	14.61	1170643	All	PASS (literature)
D1	20.12	1165475	All	PASS (literature)
R2a	15.58	1171404	All	PASS (literature)
C1b1a1a1	15.75	1154536	All	PASS (literature)
E1a	16.82	1132405	All	PASS (literature)
E1a	14.92	1141086	All	PASS (literature)
H1a1d2a	16.36	1157542	All	PASS (literature)
H1a1d2b3a1a1	17.18	1167311	All	PASS (literature)
H3a2	17.47	1137834	All	PASS (literature)
J2a1a	14.66	1146210	All	PASS (literature)
J2b2	12.96	1163807	All	PASS (literature)
R1a1a1b2a1b	17.35	1161281	All	PASS (literature)
R1a1a1b2a2a	13.67	1172357	All	PASS (literature)

C2	16.18	1133664	All	PASS (literature)
E1a2	22.99	1141073	All	PASS (literature)
J	17.34	1135043	All	PASS (literature)
O1b1a1a1b1a	20.85	1169085	All	PASS (literature)
O2a2b1a1a6	16.6	1128130	All	PASS (literature)
O2a2b1a1a6a	15.39	1157814	All	PASS (literature)
O2a2b1a1a6b	19.79	1166459	All	PASS (literature)
O2a2b1a1a6b	22.94	1168447	All	PASS (literature)
O2a2b1a1a6b	19.35	1162033	All	PASS (literature)
O2a2b1a1a6b3	14.99	1157876	All	PASS (literature)
..	31	1149356	All	PASS (literature)
..	27.74	1150264	All	PASS (A-team samples from firs
..	26.02	1150224	All	PASS (A-team samples from firs
..	24.34	1149957	All	PASS
..	25.93	1150163	All	PASS (A-team samples from firs
..	28.31	1150277	All	PASS (A-team samples from firs
R1b1a	2.577	804977	All	PASS
I2a2a2a	2.902	834938	All	PASS (Xcontam=0.005)
I2a2a1b	1.68	823880	All	PASS (Xcontam=0.009)
I2a2a1b2	2.94	824939	All	PASS (Xcontam=0.007)
I2a2a2a	0.543	469437	All	PASS
..	2.696	789618	All	PASS
..	2.163	850240	All	PASS
R1b1a	0.326	311701	All	PASS
..	2.188724	930179	All	PASS
R1b1a1a2	2.675	826331	All	PASS (Xcontam=0.009)
R1b1a1a2	3.088	842513	All	PASS (Xcontam=0.011)
R1b1a1a2a1a1l	2.977	838984	All	PASS (Xcontam=0.006)
I2a1a1a	2.922	840166	All	PASS
..	2.931	809448	All	PASS
..	2.814	836819	All	PASS
..	2.708	809534	All	PASS
..	2.696	823422	All	PASS
..	1.362	708929	All	PASS
..	2.644	824280	All	PASS
I2a2	0.326589	321541	All	PASS
R	0.052	59405	All	PASS
R1b1a	1.141	716414	All	PASS
R1b1a	0.701	446446	All	PASS
I2a2a2a	4.608	816301	All	PASS
I2a1a1a	0.062	70981	All	PASS

I	0.858957	619637	All	PASS
I	0.249	231969	All	PASS
I2a2a1b2	3.221	841755	All	PASS
I2a2a1b2	3.941	827165	All	PASS (Xcontam=0.004)
..	0.028	31983	All	PASS
..	0.068425	77342	All	PASS
..	3.616	801500	All	PASS
..	4.63	817983	All	PASS
..	4.858	815491	All	PASS
..	3.368	802136	All	PASS
..	0.669	507099	All	PASS
..	0.367	335500	All	PASS
..	4.236	803852	All	PASS
R1b1a1a2	2.426	765342	All	PASS (Xcontam=0.007)
R1b1a1a2	3.757	746654	All	PASS (Xcontam=0.007)
R1b1a1a2	3.781	758805	All	PASS
R1b1a1a2	3.483	745524	All	PASS (Xcontam=0.007)
R1b1a1a2a1	2.881	717447	All	PASS
I2a2a1b2	4.379	826812	All	PASS (Xcontam=0.005)
I2a2a1b2a2b1	1.028	513811	All	PASS
I2a2a2a	3.901	708525	All	PASS
I2a1	3.815	757881	All	PASS
I2a1	3.22	735842	All	PASS (Xcontam=0.007)
I2a2a1b	3.521	747334	All	PASS (Xcontam=0.005)
Q1a2	4.42	777349	All	PASS
R1b1a1a	0.542	379869	All	PASS
..	3.513	785920	All	PASS
..	4.22	784978	All	PASS
..	4.174	744989	All	PASS
J2	0.363	329072	All	PASS
..	3.364	843684	All	PASS
G2a2b2a	4.769	850732	All	PASS (Xcontam=0.005)
C1a2	3.51	868481	All	PASS (Xcontam=0.007)
J2a	4.447	924723	All	PASS (Xcontam=0.006)
..	4.457	831792	All	PASS
..	3.407	811457	All	PASS
..	4.95	899049	All	PASS
E1b1b1	0.029	34031	All	PASS
G2a	0.054	62041	All	PASS
G2a2b2a	0.211	219791	All	PASS (Xcontam=0.046 andXcor
G2a2b2a	0.154	164691	All	PASS (Xcontam=-0.003 andXco

R1b1a	0.357	294663	All	PASS
R1b1a	0.158	166148	All	PASS
R1b1a1a2	0.745935	496968	All	PASS
R1	0.056	64575	All	PASS
CT	0.015	17352	All	PASS
I2a2a1b1b	0.795	444315	All	PASS
I2a2a1b1	0.074	81249	All	PASS
I2a2a1b1	0.671	496612	All	PASS
R	0.047	54682	All	PASS
R1	0.063	71101	All	PASS
R1b1a	0.982	592049	All	PASS (Xcontam=0.013)
R1b1a	0.108	117491	All	PASS
..	0.045	50686	All	PASS
..	2.11	728256	All	PASS
R1b1a	4.048	764467	All	PASS (Xcontam=0.006)
..	1.238	650136	All	PASS
I2a2a1b	0.049	56730	All	PASS
I2a2a2a	0.619	466974	All	PASS
I2a2a1b1b	0.225	214705	All	PASS
I2a2a1	0.018	20747	All	PASS
I2a2a1b1b	0.088	97167	All	PASS
I	0.067	76993	All	PASS
I	0.045	53024	All	PASS
I2	0.084	95143	All	PASS (missingXcontam estimat
I2a2a	0.107	118718	All	PASS
..	0.019	21944	All	PASS
..	0.035	40050	All	PASS
I2a2a1b1b	2.12	725220	All	PASS (Xcontam=0.007)
..	2.552	733086	All	PASS
..	5.066	802473	All	PASS
..	0.04	45365	All	PASS
..	0.909	602225	All	QUESTIONABLE (missing screer
..	6.173964	987074	All	PASS (merge.of.libraries)
..	9.158491	1013706	All	PASS (merge.of.libraries)
..	4.563	813947	All	PASS
C1a2	19.536	976082	All	PASS (Xcontam=0.004)
R1a1a1	5.272	1025148	All	PASS (Xcontam=0.005)
LT	0.097	104752	All	PASS
..	18.61	978534	All	PASS
..	0.441	368546	All	PASS
..	2.655	836923	All	PASS

..	3.625	893563	All	PASS
R1b1a1a	0.598	477876	All	PASS
R1b1a1a2a2	6.199	1065807	All	PASS (Xcontam=0.004)
R1b1a1a2a2	1.043	695086	All	PASS
..	0.091	101678	All	PASS
R1b1a1a2	0.653	539947	All	PASS (Xcontam=0.015)
R1b1a1a2	0.26	268426	All	PASS
R1b1a1a2a	5.317	995838	All	PASS (Xcontam=0.003)
R1b1a1a2a2	0.843	603212	All	PASS
..	0.625	523435	All	PASS
R1b1a1a2a2	0.736	567478	All	PASS
G2a2b2a	2.125	755758	All	PASS (Xcontam=0.011)
C1a2	0.55	414820	All	PASS (Xcontam=0.015)
G2a2a1a2a	0.827	544031	All	PASS (Xcontam=0.017)
G2a2a1a2a	1.135	607546	All	PASS (Xcontam=0.009)
G2a2a1a2a	13.544	1023789	All	PASS (Xcontam=0.008)
G2a2b2a	2.39	884258	All	PASS (Xcontam=0.01)
G2a2b2a1a1c	8.465	1003994	All	PASS (Xcontam=0.008)
H2	1.56	663312	All	PASS (Xcontam=0.011)
H2	7.785	996769	All	PASS (Xcontam=0.008)
H2	9.765	987745	All	PASS (Xcontam=0.008)
I2c	2.865	759115	All	PASS (Xcontam=0.007)
J2a	6.948	980130	All	PASS (Xcontam=0.008)
..	2.248	799433	All	PASS
..	0.331	294382	All	PASS
..	2.994	780873	All	PASS
..	3.763	892187	All	PASS
..	4.906	974979	All	PASS
I2c	0.231	234996	All	PASS
G2a2a	1.213	702849	All	PASS
G2a2b2a1	0.171	183324	All	PASS
..	0.038	43335	All	PASS
..	0.221	228543	All	PASS
J2a	0.136	146885	All	PASS
R1b1a2a1a1b1	0.723	569453	All	PASS
Q1a	0.053	61851	All	PASS
R1a1	0.476	431545	All	PASS
T1a	0.087	94125	All	PASS
R1b1a1a2a2	1.513321	822079	All	PASS (Xcontam=0.015)
R1b1a1a2a2	0.347	333925	All	PASS
R1b1a1a2a2	4.953	1027134	All	PASS (Xcontam=0.003)

R1b1a1a2a2	1.977	869065	All	PASS (Xcontam=0.004)
R1a1a1b2a	0.87	633282	All	PASS
..	0.123	133342	All	PASS
..	0.513	451400	All	PASS
..	0.424653	384315	All	PASS
O2a2a1a2	36.74	1119534	All	PASS (SGDP, Fully Public)
O2a2a1a2	46.3	1119335	All	PASS (SGDP, Fully Public)
O1a1a1a	37.18	1119388	All	PASS (SGDP, Fully Public)
..	44.4	1116944	All	PASS (SGDP version of publishe
E1b1b1a1b2	42.69	1118834	All	PASS (SGDP, Fully Public)
L1a2	42.88	1118330	All	PASS (SGDP, Fully Public)
J2a2a	36.11	1119811	All	PASS (SGDP, Fully Public)
R2a3a2b2b1a	51.5	1119678	All	PASS (SGDP, Fully Public)
O2a1c1a5a	35.21	1119586	All	PASS (SGDP, Fully Public)
R1a1a1b2a1b	38	1117072	All	PASS (SGDP, Fully Public)
H1a1d2	42.2	1117695	All	PASS (SGDP, Fully Public)
..	41.23	1118372	All	PASS (SGDP, Fully Public)
R1a1a1b1a2b3	47.09	1120162	All	PASS (SGDP, Fully Public)
O1a1a1a1a1	42.36	1117128	All	PASS (SGDP, Fully Public)
..	68.83	1119545	All	PASS (SGDP, Fully Public)
L1a2	52.55	1119748	All	PASS (SGDP, Fully Public)
R2a3a2b	49.7	1120000	All	PASS (SGDP, Fully Public)
H1a1d2c1b1a	51.14	1119827	All	PASS (SGDP, Fully Public)
L1a1	52.32	1119737	All	PASS (SGDP, Fully Public)
Q1a2a1a1	44.93	1118490	All	PASS (SGDP, Fully Public)
..	39.49	1117546	All	PASS (SGDP, Fully Public)
Q1a1b1	36.58	1117742	All	PASS (SGDP, Signed Letter only
J2b2	48.95	1119764	All	PASS (SGDP, Fully Public)
R2a3a2b	47.02	1119970	All	PASS (SGDP, Fully Public)
H3b1	47.5	1119999	All	PASS (SGDP, Fully Public)
R1a1a1b2a1b	48.87	1119843	All	PASS (SGDP, Fully Public)
..	37.68	1103166	All	PASS (SGDP, Signed Letter only
B2b1	38.78	1116564	All	PASS (SGDP, Fully Public)
E1b1a1a1d1	41.77	1113571	All	PASS (SGDP, Fully Public)
..	38.3	1118300	All	PASS (SGDP, Fully Public)
..	42.38	1112423	All	PASS (SGDP, Signed Letter only
..	40.77	1117446	All	PASS (SGDP, Signed Letter only
R1a1a1b2a1a	40.08	1119365	All	PASS (SGDP, Fully Public)
..	42.16	1118391	All	PASS (SGDP, Fully Public)
J2a1	34.65	1119219	All	PASS (SGDP, Fully Public)
R2a3a2b2c	38.93	1120608	All	PASS (SGDP, Fully Public)

..	33.86	1120491	All	PASS (SGDP, Fully Public)
..	34.69	1118456	All	PASS (SGDP, Fully Public)
H1a1d1	48.96	1120180	All	PASS (SGDP, Fully Public)
R1a1a1b2a1a	46.13	1120230	All	PASS (SGDP, Fully Public)
R1a1a1b2a1a	39.87	1117391	All	PASS (SGDP, Fully Public)
..	38.9	1119324	All	PASS (SGDP, Fully Public)
J2b2	44	1118108	All	PASS (SGDP, Fully Public)
..	34.11	1118542	All	PASS (SGDP, Fully Public)
O1b1a1a1b1b	39.75	1119289	All	PASS (SGDP, Fully Public)
..	49.51	1119088	All	PASS (SGDP, Fully Public)
..	39.05	1107190	All	PASS (SGDP, Fully Public)
Q1a2	43.47	1117870	All	PASS (SGDP, Signed Letter only
H1a1d2c1b1a	40.39	1112022	All	PASS (SGDP, Signed Letter only
H1b1	39.77	1118251	All	PASS (SGDP, Fully Public)
H1b1	37.2	1117950	All	PASS (SGDP, Fully Public)
J2a1h2	42.97	1119172	All	PASS (SGDP, Fully Public)
..	41	1119217	All	PASS (SGDP, Fully Public)
E1b1a1	11.289	1181617	All	PASS (Xcontam=0.0125)
..	9.651	910144	All	PASS
G2a2a	0.406	367760	All	QUESTIONABLE (mtcontam=0.7
..	6.915	982315	All	PASS
G2a2a	0.579	489640	All	PASS
G2a2a1	0.871	648193	All	PASS
G2a2a1	0.908	629014	All	PASS
..	1.089	616873	All	PASS
..	0.47	392874	All	PASS
..	2.744	950914	All	PASS
G2a2a	0.823	546806	All	PASS (Xcontam=0.013)
..	4.3	852351	All	PASS
I2a1	0.669	520804	All	PASS
I2a1a1a	0.335	321304	All	PASS (mtcontam=0.84)
I	0.037	42687	All	QUESTIONABLE (mtcontam=0.8
I2a1a1a	2.306	867336	All	PASS (Xcontam=0.006)
G2a2b2a1a	3.181	908256	All	QUESTIONABLE (Xcontam=0.0(
G2a2b2a1a1b1	6.378	1032010	All	PASS (Xcontam=0.007)
G2a2b2a1a1c1	1.664	758484	All	PASS (Xcontam=0.010)
G2a2b2a1a1c1	0.07	79059	All	QUESTIONABLE.CRITICAL (mtcc
..	0.811	572729	All	PASS
..	0.025	29086	All	PASS
G2	0.017	19344	All	PASS
G2a2a	0.031	35761	All	PASS

G2a2a	0.133	141883	All	PASS
G2a2a1	0.209	206907	All	PASS
..	0.259	246281	All	PASS
..	0.05	55588	All	PASS
..	0.018	20626	All	PASS
..	0.725	532623	All	PASS
..	0.297	285045	All	PASS
..	0.626	468627	All	PASS
..	0.322	299173	All	PASS
..	0.113	121860	All	PASS
..	6.452118	966697	All	QUESTIONABLE (mtcontam=0.8
L1a1	1.833	751435	All	PASS (Xcontam=0.005)
L1a1	2.963	812657	All	PASS (Xcontam=0.005)
L1a1	2.164	791878	All	PASS (Xcontam=0.003)
..	3.202	816520	All	PASS
..	0.083	92184	All	PASS
R1b1a1a2	2.877	817935	All	PASS (Xcontam=0.006)
..	3.342	828539	All	PASS
..	3.408	814932	All	PASS
..	2.098	838740	All	PASS
CT	0.014066	16137	All	PASS
G1	0.915	624951	All	PASS (Xcontam=0.009)
J	0.906	607598	All	PASS (Xcontam=0.011)
..	0.132	141920	All	PASS
..	2.61	837023	All	PASS
..	1.477	730012	All	PASS
G2a1a	0.663	520294	All	PASS
I2a1b1a	8.443	1176132	All	PASS (literature)
J2a1h1	12.482	1180629	All	PASS (literature)
J1	1.191	816136	All	PASS (literature)
A	..	1102442	All	PASS (literature)
..	0.17	265687	Damage	PASS
..	1.012	627275	Damage	PASS
C1a	1.046	780462	All	PASS (Qiaomei QC)
C1b1a2b	16.136	1095867	All	PASS
C1a2	0.999	745560	All	PASS (Qiaomei QC)
R1b1a1a	3.137	902419	All	PASS
K(xLT)	42	1147829	All	PASS (literature)
J2b	0.716	593295	All	PASS (literature)
..	0.966	697107	All	PASS (literature)
..	1.295	806625	All	PASS (literature)

G2b	10.388	1180203	All	PASS (literature)
..	0.205	209384	All	PASS (literature)
..	0.417	371978	All	PASS (literature)
R1b1a1a2	0.521	467373	All	PASS (literature)
..	0.201	206474	All	PASS (literature)
R1b1a1a2	0.151	164552	All	PASS (literature)
R1b1a1a2a2	0.729	613723	All	QUESTIONABLE (literature,Xcol
R1b1a1a2a2	1.089	717431	All	PASS (literature)
I2a2a1b1b	2.839	945230	All	PASS (literature)
C1b1a1a1	..	1158545	All	PASS
H1a1a1	..	1155609	All	PASS
H1a1d2b2a	..	1167027	All	PASS
H1a1d2b2a	..	1177954	All	PASS
H1a1d2b3a	..	1180422	All	PASS
H1a1d2c1b1a	..	1181483	All	PASS
H1a1d2c1b1a	..	1166307	All	PASS
H1a1d2c1b1a	..	1168300	All	PASS
H1a1d2c1b1a	..	1180256	All	PASS
H1a1d2c1b1a	..	1146345	All	PASS
H1b2a	..	1159690	All	PASS
H3a2a1	..	1169150	All	PASS
H3a2a2	..	1160696	All	PASS
H3a2b	..	1180817	All	PASS
H3a2b	..	1173825	All	PASS
H3b1	..	1171664	All	PASS
H3b1	..	1175721	All	PASS
J2a1	..	1178728	All	PASS
J2a1	..	1168577	All	PASS
J2a1c	..	1180560	All	PASS
J2a1c	..	1173240	All	PASS
J2a1h2d	..	1163061	All	PASS
J2b2	..	1171665	All	PASS
J2b2	..	1138089	All	PASS
J2b2	..	1180602	All	PASS
L1a1	..	1167557	All	PASS
L1a1	..	1181884	All	PASS
L1a1	..	1175364	All	PASS
L1a1	..	1163991	All	PASS
L1a1	..	1144208	All	PASS
L1a1	..	1176785	All	PASS
L1a2	..	1171420	All	PASS

L1a2	..	1169180	All	PASS
L1a2	..	1175696	All	PASS
L1a2	..	1180860	All	PASS
Q1a2	..	1181083	All	PASS
Q1a2	..	1181382	All	PASS
R1a1a1b2a	..	1173649	All	PASS
R1a1a1b2a1	..	1178452	All	PASS
R1a1a1b2a1	..	1161918	All	PASS
R1a1a1b2a1a	..	1181408	All	PASS
R1a1a1b2a1a	..	1168815	All	PASS
R1a1a1b2a1a	..	1181195	All	PASS
R1a1a1b2a1b	..	1180293	All	PASS
R1a1a1b2a1b	..	1171169	All	PASS
R1a1a1b2a1b	..	1172239	All	PASS
R1a1a1b2a1b	..	1179182	All	PASS
R1a1a1b2a2a	..	1177628	All	PASS
R1a1a1b2a2a	..	1180719	All	PASS
R1a1a1b2a2a	..	1180437	All	PASS
R1a1a1b2a2a	..	1177445	All	PASS
R1a1a1b2a2a	..	1168293	All	PASS
R2a3a2b2b	..	1181696	All	PASS
R2a3a2b2b	..	1168136	All	PASS
R2a3a2b2c	..	1140484	All	PASS
..	..	1150427	All	PASS
..	..	1149968	All	PASS
..	..	1134824	All	PASS
..	..	1149502	All	PASS
..	..	1150349	All	PASS
..	..	1146696	All	PASS
..	..	1132226	All	PASS
..	..	1149842	All	PASS
..	..	1133777	All	PASS
..	..	1139482	All	PASS
..	..	1139870	All	PASS
..	..	1150292	All	PASS
..	..	1141811	All	PASS
..	..	1150531	All	PASS
..	..	1149939	All	PASS
..	..	1150087	All	PASS
..	..	1145046	All	PASS
..	..	1144891	All	PASS

..	..	1150079	All	PASS
..	..	1149914	All	PASS
..	..	1147296	All	PASS
..	..	1149013	All	PASS
..	..	1148834	All	PASS
..	..	1146459	All	PASS
..	..	1147761	All	PASS
..	..	1136513	All	PASS
..	..	1133203	All	PASS
..	..	1137684	All	PASS
..	..	1149770	All	PASS
..	..	1132878	All	PASS
..	..	1144275	All	PASS
..	..	1137527	All	PASS
..	..	1149778	All	PASS
..	..	1142090	All	PASS
..	..	1147004	All	PASS
..	..	1130342	All	PASS
..	..	1148946	All	PASS
..	..	1108592	All	PASS
..	..	1141743	All	PASS
..	..	1122819	All	PASS
..	..	1135414	All	PASS
..	..	1123097	All	PASS
..	..	1120733	All	PASS
..	..	1137629	All	PASS
..	..	1140482	All	PASS
..	..	1124812	All	PASS
..	..	1141603	All	PASS
..	..	1148158	All	PASS

X-contamination point estimate from ANGSD if male and ≥200 SNPs	X-contamination Z-score from ANGSD if male and ≥200 SNPs	UDG treatment (minus=untreated; half=treated	damage in first nucleotide by library	mtDNA haplogroup by library	mtDNA match rate to consensus by library (contaMix)
..	..	half	0.064	U5a1g2	0.994
..	..	half	0.125	U4b3	0.994
..	..	half	0.103	U5a1d2b	0.995
0.006945	2.729971073	half	0.108	U5b2a1a	0.965
0.004	2.564645085	half,half	0.095,0.092	U5a1a1,U5a1a1	0.987,0.997
..	..	half	0.116	U4b3	0.993
..	..	half	0.084	J2a2a	0.993
-0.002194	-0.465318304	half	0.056	J2a2a	0.998
0.008855	3.939985851	half,half	..,0.08	J2a2a,J2a2a	0.983,0.983
0.004575	1.35221928	half	0.044	T2c1a2	0.999
-0.000014	-0.008752478	half	0.121	T2a1a	0.995
0.032556	0.997276146	half	0.026	T1a1	0.992
..	..	half	0.013	T2a1a	0.987
0.006515	2.422083453	half	0.111	U4b3	0.994
..	..	half	0.135	U5a1g	0.995
..	..	half	0.024	K1b2a	0.991
0.004569	1.97804881	half	0.121	T2a1a	0.997
0.018012	1.702457467	half	0.066	U5a1a1	0.998
0.005132	2.020752482	half	0.146	U4d1	0.991
..	..	half	0.056	H6a1b	0.998
..	..	half	0.137	U5b2a1a	0.989
0.008349	3.460005421	half	0.146	U5a1d2b	0.997
0.005253	2.282163715	half	0.101	U5a1d2b	1
0.008344	2.631922597	half	0.068	U5b2b	0.997
0.003125	1.649671966	half	0.094	U5a1a2a	0.997
0.006767	2.850648273	half	0.099	J1c5a	0.998
0.004175	2.200144077	half	0.141	N1a1a1	0.992
..	..	half	0.123	T1a1	0.996
0.011616	1.896475243	half	..	..	..
0.004417	3.596811809	half	..	..	..
..	..	half	..	..	..
..	..	half	0.109	T1a1	0.987
..	..	half	..	U2e1	0.999
..	..	half	..	H20a	0.965
..	..	half	..	J1b1b	0.993
..	..	half	..	M65a	0.996

..	..	half	..	U8b1a1	0.991
0.198309	2.204562314	minus	0.259	HV2	0.678
..	..	half	0.216	HV	0.992
..	..	half	0.146	R0	0.944
0.013664	0.869135451	half	0.12	T1	0.98
0.060649	1.87159851	half	0.15	T1	0.968
0.010575	2.718866154	half	0.126	K1a1	0.988
..	..	half	0.2	W6	0.981
0.004812	1.087630419	half	..	M30b	0.998
0.003413	1.22153524	half	..	U2a	0.993
..	..	half	..	HV	0.994
..	..	half	..	M30b	1
..	..	half	0.124	R3	0.988
..	..	half	0.071	U5a1a2a	..
..	..	half,half	0.065,0.093	J2b1a2,J2b1a2	0.98,0.959
..	..	half,half,half	0.081,0.08,0.08	T,T1a1,..	0.971,0.99,0.98
..	..	minus	..	..	..
..	..	half	0.101	U2e1	0.987
..	..	half	0.08	T2a1b1	0.891
..	..	half	0.13	T2b	0.991
0.004923	1.919484582	half	0.153	R2	0.984
..	..	half	0.116	HV	0.991
..	..	half	0.155	J1b3	0.985
..	..	half	0.164	HV2	0.991
..	..	half	0.107	U3a'c	0.99
..	..	half	0.17	T2c1a	0.992
..	..	half	0.188	H+16311	1
..	..	half	0.14	H	0.983
..	..	half	0.067	U5a2a	0.997
..	..	half	0.084	I4a	0.999
0.003924	2.192097945	half,half,half	0.132,0.125,0.1	R2,R2+13500,R	0.993,0.997,0.9
0.001172	0.846043232	half,half,half	0.146,0.127,0.1	R2,R2+13500,R	0.969,0.969,0.9
..	..	half	0.141	U7a	0.983
..	..	half,half	0.182,0.198	U2'3'4'7'8'9,U7	0.983,0.97
0.062556	1.371398506	half,half	0.201,0.204	R2,R	0.697,0.817
..	..	half	0.213	..	..
..	..	half	0.183	U7a	0.953
0.008079	0.988192935	half	0.162	T2d2	0.996
..	..	half	0.183	U	0.98
..	..	half	0.141	J1d6	0.99
0.234135	14.29811105	half	0.195	I1b	0.992

..	..	half	0.179	I1b	0.978
..	..	half	0.213	I1	0.944
..	..	half	0.126	..	..
0.197502	7.805415916	half	0.147	J1b1a1	0.948
..	..	half	0.171	H	0.873
..	..	half	0.18	U7a	0.965
..	..	half	..	J1c10	0.996
0.056925	0.995103236	half,half,half	0.088,0.09,0.08	HV1a3,HV1a'b'	0.999,0.978,0.9
..	..	half,half,half	0.072,0.074,0.0	W,H,N	0.937,0.963,0.9
0.005143	2.129051221	half	0.121	U7a2	0.987
..	..	half,half,half	0.17,0.158,0.14	HV12b,HV12b1	0.977,0.999,0.9
0.008943	0.819431044	half,half,half	0.138,0.16,0.14	T1a1,T1a1,T1a1	0.98,0.988,0.98
..	..	half,half,half	0.139,0.14,0.13	W3,N2,W	0.971,0.971,0.9
..	..	half,half	0.153,0.126	N1d,N1a2	0.994,1
..	..	half,half,half	0.114,0.099,0.1	H6b,H6b2,H6b2	0.987,0.996,0.9
..	..	half,half,half	0.116,0.114,0.1	W6,W6,W6	0.983,0.982,0.9
..	..	half,half,half	0.083,0.077,0.0	T2f,T,T	0.994,0.999,0.9
..	..	half,half,half	0.1,0.107,0.11	U7a4,U7a4a1,U	0.994,0.996,0.9
..	..	half,half,half	0.089,0.09,0.09	HV,HV2,HV2	0.978,0.987,0.9
..	..	half,half,half	0.063,0.068,0.0	W4a,W,W	1,0.999,0.998
..	..	half,half,half	0.102,0.119,0.1	W3b1,R,W3b	0.909,0.961,0.9
..	..	half	..	H14a	1
..	..	half	..	..	..
..	..	half	..	J1b1a3	0.998
..	..	half	..	N1d	1
..	..	half	0.136	I5a	0.997
..	..	half	0.153	H	0.999
..	..	half	0.13	HV2a	0.996
..	..	half	..	R2	1
..	..	half	0.174	U1a1c1	1
..	..	half	0.157	R2	0.999
..	..	half	0.122	HV12b1	1
..	..	half	..	W6	0.919
..	..	half	0.089	U2b2	0.988
..	..	half	..	W3b	0.991
..	..	half	..	W	0.982
..	..	half	..	..	..
..	..	half	0.142	HV12b1	0.999
..	..	half	0.142	HV13b	0.998
..	..	half,half,half	0.105,0.114,0.1	T2d,T2d1a,T2d1	0.998,0.994,0.9
..	..	half,half	0.124,0.126	R,H+152	0.967,0.949

..	..	half,half,half	0.098,0.12,0.11	U7a3,R,H+73	0.947,0.934,0.9
..	..	half,half,half	0.081,0.079,0.0	J1d,J1,J1d	0.941,0.983,0.9
..	..	half	..	T1a1	0.971
..	..	half,half,half	0.069,0.066,0.0	M30a,M30,M3	0.999,1,0.999
..	..	half	0.119	I1b	0.992
..	..	half,half,half,h	0.133,0.136,0.1	K1b1a,K1b1a,K	1,0.999,1,1
0.006677	2.59847205	half	0.108	K1a3a	0.981
0.013646	4.009597647	minus	0.274,0.241	U1a4,U1a4	0.993,0.989
0.005501	1.044088195	half,half,half,h	0.07,0.067,0.06	K1a17a,K1a17a	0.999,0.999,0.9
..	..	half,half,half,h	0.095,0.097,0.0	K1a20,K1a20,K	0.992,0.986,0.9
..	..	minus	0.31	HV9	0.988
..	..	half,half,half	0.159,0.109,0.0	U4a1,U4a1,U4a	0.999,1,0.999
0.095752	1.766820052	half,half,half	0.096,0.088,0.0	H6a1a2a,H6a1a	1,1,1
..	..	half,half	0.145,0.095	J2b1a2,J2b1a2	0.998,0.996
..	..	half	0.094	U5b2a1a2	0.993
..	..	half	0.098	H27	0.981
..	..	half	0.173	T1a1	0.999
..	..	half	0.078	Z1	0.998
..	..	half,half,half	0.286,0.331,0.3	U2e1b,U2e1b,U	0.93,0.994,1
..	..	half	0.152	R3	0.991
..	..	half	0.212	T	0.999
0.004722	2.338869616	half	0.086	K1a26	0.982
0.005601	1.452296682	half	0.077	U5a1d2b	0.993
0.009133	2.631194565	half	0.11	H7b	0.992
0.018131	1.93736698	half	0.139	U5b2b	0.988
0.004826	1.983775463	half	0.093	N1a1a1	0.976
0.008583	1.885194034	half	0.145	U4d	1
0.025142	1.271164803	half	0.157	J1d	0.998
..	..	half	0.134	M35b	1
..	..	half	0.124	Z3a1a	1
0.007432	1.394077235	half	0.174	U2e1	0.991
0.005971	2.152578949	half	0.062	H1b	0.992
..	..	half	0.096	J1c2	0.989
..	..	half	0.089	U5b2b	0.995
-0.005891	-0.447949364	half	0.094	H2b	0.934
-0.002476	-1.94222127	half	0.088	T1a1	0.996
0.003898	1.580852622	half	0.055	K1a26	0.989
0.005959	0.825209678	half	0.071	H2b	0.986
..	..	half	0.095	K1a4b	0.982
..	..	half	0.078	T2b	0.994
0.005733	2.921192018	half	0.057	H27	0.98

0.003887	1.860396996	half	0.089	U2e2a4	0.99
0.005747	2.62028126	half	0.097	U4a	0.975
0.004034	2.151392085	half	0.058	T2b	0.995
0.008562	2.855163955	half	0.096	U5b2c	0.992
0.005318	2.533874732	half	0.082	U4a1	0.99
..	..	half	0.084	U5a2a	0.994
..	..	half	0.063	T1a1	0.996
..	..	half	0.128	W1c	0.991
0.017294	3.147348467	half	0.103	U5b2b	0.974
0.001692	1.088485789	half	0.056	T1a1	0.999
..	..	half	0.107	U2e1'2'3	0.993
0.00656	2.835887289	half	0.081	G2a1e	0.996
..	..	half	0.244	T1a1	0.998
..	..	half	0.119	H3g	0.991
0.004769	3.914175405	half	0.129	R30b1	0.99
0.004445	2.101270359	half	..	..	..
0.004617	4.39622593	half	0.18	W3a1b	0.99
0.004301	4.107433107	half	0.151	W3a1b	0.996
0.005413	0.828070884	half	..	U2e1'2'3	0.999
0.007798	3.376776456	half	..	M4	0.99
0.008292	2.709361215	half	0.131	M5a	1
0.001011	0.754233893	half	0.14	U7a	0.989
..	..	half	0.138	T2g1	0.995
..	..	half	..	U2c1	0.995
0.271062	51.55481134	half	0.142	U3b1a1	0.995
0.006643	2.760207637	half	..	T2g1	0.999
0.005385	2.469980676	half	0.12	T1a1	0.997
0.004178	2.132411636	half	0.104	HV6	0.987
0.004464	2.343527292	half	0.117	U4b1a1a1	0.993
..	..	half	0.102	T2b34	0.997
..	..	half	0.089	T1a1	0.996
..	..	half	0.128	T2b34	0.999
..	..	half	0.118	T1a1	0.987
..	..	half	0.094	T2b34	0.993
..	..	half	0.108	T2e2	0.994
..	..	half	0.081	T1a1	0.999
0.202127	1.43564163	half	0.159	J1b1a1	0.996
0.003051	1.94718166	half	0.074	W1c	0.994
..	..	half,half	0.09,0.092	U5a1a1,U5a1a1	0.992,0.999
..	..	half	0.065	T1a1	0.999
..	..	half	0.073	U4a1	0.96

-0.00604	-2.280046311	half	0.077	U4b1a1a	0.997
..	..	half	0.082	R3	1
..	..	half	0.11	J1b1a1+146	0.992
0.004757	3.058294684	half	..	..	..
..	..	half	0.129	HV14	0.978
..	..	half	0.238	..	..
..	..	half	0.121	I1b	0.992
..	..	half	0.103	HV13	0.986
..	..	half	0.198	HV2	0.994
..	..	half	0.127	HV13	0.986
..	..	half	0.151	H29	0.988
..	..	half	0.158	HV2a	0.987
..	..	half	0.172	U1a1	0.989
..	..	half,half	0.053,0.06	W5a,W5a	0.998,1
..	..	half,half	0.069,0.056	..,U5a1i1	0.998,0.969
..	..	half,half,half	0.126,0.069,0.0	..,U2e2a1d,U2e	..,0.982,0.968
0.003165	0.940791097	half	0.076	U5a1g	0.998
0.004929	1.58304024	half	0.23	U5a1b	0.982
..	..	half,half	..,0.136	U2e1a1,U2e1a1	0.994,0.996
..	..	half	0.172	H2a1e	0.992
..	..	half	0.328	H7b	0.739
0.006341	2.94820669	half	0.149	R5a2	0.996
..	..	half	0.156	H	1
..	..	half	0.177	H15a1a1	1
..	..	half,half	0.121,0.13	M30,..	0.997,1
..	..	half	0.139	..	0.993
0.0043	4.121731012	half	0.125	R6b	0.996
0.009119	4.766158238	half	0.151	K1b1a1+199	1
0.28919	56.87321417	half	0.189	M52a	0.989
0.281296	52.31942196	half	0.151	C4a'b'c	0.995
0.284917	60.86206646	half	0.124	M30d1	0.999
0.289939	61.32395824	half	0.121	H13a2a	0.999
..	..	half	0.187	R5a2	0.911
0.006224	5.12717013	half	0.154	U2b2	0.994
0.00403	1.868897967	half	0.092	W3a1	0.996
0.006666	2.401523487	half	0.117	J1b1b1	0.996
0.008286	2.073972175	half	0.161	HV20	0.991
0.038259	1.638150289	half	0.106	U7a3	0.996
0.005456	2.408660937	half	0.141	J1b	0.989
0.002384	1.508468367	half	0.123	K1a	0.99
..	..	half	0.077	I1c	0.995

..	..	half	0.118	W4a	0.981
..	..	half	0.132	U1a'c	0.995
..	..	half	0.099	HV	0.988
..	..	half	0.11	U1a2	0.994
..	..	half	0.176	H2a	0.981
..	..	half	0.188	HV13b	0.985
0.009436	0.747683102	half	0.14	U2e2a1d	0.997
..	..	half,half,half	0.139,0.162,0.1	W6,W6,W6	0.898,0.945,0.9
..	..	half	0.109	J1d	0.995
0.008014	3.534876581	half	0.103	T1a1	0.984
..	..	half	0.243	I1	0.997
0.00227	1.351238735	half	0.18	J1	0.998
0.007779	2.690422904	half	0.153	U2c1	0.995
0.006642	2.546707857	half	0.101	R7	0.997
..	..	half	0.072	W1c	0.999
-0.036067	-0.852324757	half,half	0.064,0.059	U4b1a1a1,U4b	1,1
..	..	half,half	0.041,0.043	H2b,H2b	1,1
..	..	half,half	0.066,0.063	H1,H1	0.999,1
..	..	half,half	0.049,0.045	H1,H1b	1,1
..	..	half,half	0.067,0.065	U5a1c,U5a1c	1,1
..	..	half	0.107	U5b2a1a2	0.993
..	..	half	0.098	U2e2	0.999
-0.003244	-1.366229535	half,half	0.06,0.057	T1a1,T1a1	1,1
..	..	half	0.077	T1a1	0.991
..	..	half	0.074	H6a1a	0.988
..	..	half	0.044	T2e2	1
..	..	half	0.074	U2e1	0.999
0.006249	2.19392638	half,half,half	0.06,0.058,0.05	U5a2+16294,U	1,0.999,1
0.030046	1.250366213	half,half,half	0.06,0.059,0.05	U2e1h,U2e1h,U	1,1,1
..	..	half,half	0.03,0.034	..,U5a1b1f	1,1
..	..	half,half	0.037,0.048	H2a1a,H2a1a	1,0.998
..	..	half,half	0.057,0.064	T2e2,T2e2	0.999,1
..	..	half,half	0.046,0.042	J1b1a1,J1b1a1	0.999,1
..	..	half,half	0.063,0.052	K1a+195,K1a+1	0.996,0.999
..	..	half	0.07	U5a1a2a	0.995
..	..	half,half	0.079,0.048	H2b,H2b	0.999,0.992
..	..	half	0.056	T2b	0.997
..	..	half,half,half	0.075,0.058,0.0	H5a1,H5a1,H5a	0.996,0.993,0.9
..	..	half	0.087	K1a26	0.988
..	..	half	0.068	U4a	0.993
..	..	half	0.078	J1c2	0.997

..	..	half	0.067	U5b2a1a2	1
..	..	half	0.066	T1a1	1
..	..	half	0.05	J2b1d	0.999
..	..	half	0.152	K2a5b	0.994
..	..	half	0.048	H6a1a	0.999
..	..	half	0.06	H2b	0.989
..	..	half,half,half	0.057,0.064,0.0	T1a1,T1a1,T1a1	0.994,1,1
..	..	half	0.055	J1c5a	0.998
0.001407	0.384908417	half,half,half	0.08,0.082,0.07	T2e2,T2e2,T2e2	1,1,0.999
0.003082	0.608230131	half	0.051	J1c1b1a	0.998
0.276167	1.550394691	half,half	0.073,0.065	T1a1,T1a1	1,1
..	..	half,half	0.031,0.043	U2e1h,U2e1h	0.999,1
..	..	half,half	0.069,0.07	U2e2a,U2e2a	0.987,0.991
..	..	half	0.061	H2b	0.996
..	..	half,half	0.062,0.052	U2e1'2'3,U2e1'	0.999,0.989
..	..	half,half	0.054,0.053	H13a1a,H13a1a	0.999,0.946
..	..	half,half	0.076,0.067	J1b1a3,J1b1a3	1,1
..	..	half	0.052	H6b	1
..	..	half	0.049	U5a1	0.999
..	..	half	0.055	J2b1	0.999
..	..	half	0.071	U5a1	1
..	..	half	0.06	U5a1	0.999
-0.002561	-0.917285951	half,half,half	0.053,0.053,0.0	U5a1,U5a1,U5a	1,1,0.999
..	..	half,half	0.089,0.068	U2e1'2'3,U2e1'	0.998,1
..	..	half	0.072	R3	0.999
..	..	half	0.078	U5a1	0.964
0.00561	1.305379139	half	0.153	W3b	0.986
0.004466	2.126518823	half	0.064	H3g	0.995
0.004315	0.678368884	half	0.14	C4	0.998
0.011733	3.937180941	half	0.11	W3a1	0.989
0.017245	3.174306323	half	0.114	H13a2a	0.992
..	..	half	0.122	U1a4	0.991
-0.00305	-2.31220183	half,half,half	0.194,0.221,0.2	T2h,..,T2h2	0.996,0.995,0.9
0.001778	0.38230993	half,half,half	0.123,0.123,0.1	I1,I1,I1	0.991,0.998,0.9
0.005583	1.591396256	half	0.148	W3b	0.997
0.019171	0.880350652	half,half,half	0.266,0.259,0.2	HV9,HV,HV	0.978,0.97,0.98
0.003234	1.941467807	half	0.08	W3b	0.935
..	..	half	0.129	W3b	0.991
..	..	half,half,half	0.083,0.077,0.0	U7a,U7,..	0.974,0.973,..
..	..	half,half	0.064,0.094	J1d,J1d	1,0.991
..	..	half,half,half	0.074,0.089,0.0	W3b,W3b,W3b	0.997,0.997,0.9

..	..	half	0.053	U5b2a1b	0.995
..	..	half	0.12	X2	0.997
..	..	half,half,half	0.078,0.089,0.0	U7a,U7a,U7a	0.998,1,1
..	..	half,half	0.08,0.078	U1a'c,U1a'c	0.921,0.938
0.005199	4.041316417	half	0.172	M65a1	0.994
0.005372	4.694790548	half	0.155	T2a1b	0.998
0.008052	4.771289777	half	0.144	U8b1a2b	0.999
0.007899	6.173828563	half	0.165	R30a1b	0.991
0.26017	30.26510027	half	0.166	U7a	0.995
0.280379	37.15112232	half	0.179	U1a1a	0.959
0.271574	31.06267036	half	0.171	M30+16234	0.979
..	..	half	0.144	..	..
..	..	half,half,half	0.184,0.191,0.1	..,H2a2a,H2a2	0.926,0.913,0.9
0.006994	2.805776031	half	0.142	..	0.981
0.006251	2.246200217	half	0.175	..	0.964
0.003353	1.906393953	half,half,half,h	0.161,0.175,0.1	..,..,M65a+@16	0.981,0.986,0.9
..	..	half	0.116	..	0.997
..	..	half	0.162	..	0.997
..	..	half	0.15	..	0.999
..	..	half	..	U4c1a	1
..	..	half,half,half	0.192,0.182,0.1	U7a,H+152,H+1	0.946,0.932,0.9
..	..	half,half,half	0.125,0.129,0.1	..,W3a1b,W3a1	0.993,0.993,0.9
..	..	half	..	U1a1	0.988
0.007981	2.973366372	half,half,half	0.14,0.173,0.16	H14a,..,H14a	0.999,0.998,0.9
..	..	half	..	M65a	0.826
..	..	half	0.112	U8b1a	1
0.070249	1.409422782	half	..	T2a1b	0.99
..	..	half	0.087	U4a1	0.983
..	..	half	0.09	U5a2b2	0.997
..	..	half	0.119	U5a1	0.817
..	..	half	0.06	U2e1'2'3	0.997
0.009051	1.774178499	half	0.091	T1a1	1
0.00308	1.417234864	half	0.095	A2	0.984
0.004316	2.234103623	half	0.084	I2	0.996
0.001787	0.843860338	half	0.061	U5b2a1a2	0.994
0.00138	0.861321604	half	0.056	K1c1	0.997
0.001723	0.870708174	half	0.055	U5b2b	0.993
..	..	half	0.053	W3a1	0.998
0.004623	1.736686344	half	0.093	U2	0.996
..	..	half,half,half	0.176,0.241,0.2	..,H2a,R2'JT	..,0.93,0.952
-0.008154	-1.881971708	half,half	0.134,0.12	J1,J1	0.915,0.894

..	..	half,half,half	0.076,0.109,0.0	R2,R2'JT,R2'JT	0.922,0.894,0.9
..	..	half,half	0.267,0.327	HV0f,HV	0.426,0.98
0.005791	0.937099597	half,half,half,h	0.109,0.144,0.0	U2e1,U2e1,U2e	0.991,0.974,0.9
..	..	half,half,half	0.099,0.069,0.0	C1,C5b,C5b	0.999,1,1
..	..	half,half,half	0.112,0.082,0.0	T1a1,T1a1,T1a1	1,1,0.999
0.006731	4.418023383	half,half,half,h	0.068,0.08,0.06	U5a1f,U5a1f,U5	0.997,0.997,0.9
0.006729	3.362707677	half,half,half	0.064,0.063,0.0	H3g,H3g,H3g	0.995,0.995,0.9
..	..	half,half,half	0.039,0.05,0.04	H2b,H2b,H2b	0.997,1,0.999
0.00305	0.595952797	half,half,half	0.068,0.062,0.0	H5b,H5b,H5b	0.999,1,1
..	..	half,half,half	0.111,0.072,0.0	H6a1a,H6a1a,H	1,1,0.999
..	..	half,half,half	0.078,0.073,0.0	U5a2a1,U5a2a1	0.997,1,1
0.027938	2.510132443	half,half,half	0.093,0.083,0.0	T2b4,T2b4+152	0.993,0.998,1
..	..	half,half,half	0.076,0.08,0.08	U5a1,U5a1,U5a	0.953,0.953,0.9
..	..	half,half,half	0.061,0.084,0.0	H3g,H3g,H3g	1,0.999,0.998
..	..	half,half,half	0.074,0.068,0.0	U5a1,U5a1,U5a	0.97,0.977,0.96
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..	..	half	..	..	..
0.004776	2.287703641	half	0.081	K2a5	1
0.009874	1.990375083	half	0.13	H7d	0.99

0.005526	2.596298184	half	0.072	W5a	0.997
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0.004238	1.66135032	half	0.152	U5b2b	0.97
0.005152	2.173048379	half	0.075	U5b2b	0.997
0.008674	2.730900227	half	0.084	U5a1c1	0.999
0.007252	2.607726018	half	0.107	U5a1c1	0.99
0.008866	1.123441314	half	0.11	U5a1	1
..	..	half	0.146	U5a1c	0.966
..	..	half	0.063	H13	1
-0.003909	-2.298266687	half,half	0.13,0.128	H13,H13	0.997,1
..	..	half,half,half,h	0.123,0.115,0.1	K1,K1,K1,K1	0.997,0.985,0.9
0.008527	2.794021901	half	0.146	U5a1c	0.986
0.011297	3.593504273	half	0.157	U5a2a	0.99
0.006423	2.443506049	half	0.143	U5b2c	0.986
0.004165	1.753523256	half	0.142	U5a2d	0.984
..	..	half	0.163	K1f	0.989
..	..	half	0.138	U5a1	0.992
..	..	half	0.168	U5a2d	0.987
..	..	half	0.138	K1c	0.992
..	..	half	0.165	U4a	0.991
..	..	half	0.145	U5b1d1	0.99
0.007347	0.512940096	half,half,half,h	0.156,0.148,0.1	U5a2,U5a2,U5a	1,0.994,0.999,1
0.216532	0.85239456	half	0.118	K1	0.999
-0.000549	-0.293201099	half	0.118	U5a1c1	1
0.010524	1.636752847	half	0.108	U5a2a	0.991
0.00211	1.414140873	half	0.074	U4a	0.995
..	..	half	0.09	U4a	0.997

0.009323	1.684188696	half,half	0.069,0.121	K1c,K1c	0.93,0.994
-0.002215	-0.65844096	half	0.085	U5a1c1	0.999
0.003815	1.695309924	half	0.126	U4b1b1	0.989
0.003895	2.136121681	half	0.081	U4b1b1	0.997
..	..	half	0.104	K1c	0.977
..	..	half,half	0.087,0.126	U8b1b,U8b1b	0.964,0.967
..	..	half	0.095	U5b2a1a	0.994
..	..	half	0.116	U5b1d1	0.991
..	..	half	0.109	U5b1d1a	0.986
..	..	half	0.108	U5a2d	0.997
..	..	half	0.115	U5b2a1a	0.954
..	..	half	0.089	U5a1c	1
..	..	half	0.11	U5a2a	0.986
0.006786	2.66912733	half	0.097	U5a2c	0.984
0.006771	2.477619641	half	0.075	U5a2c	0.993
0.002869	1.42277844	half	0.071	U5b1d1	0.994
0.006736	2.442020148	half	0.091	U5a2d	0.998
0.00145	0.741049275	half	0.076	U5a2d	0.994
0.004538	2.376965331	half	0.114	U5a2d	0.992
0.002536	0.719486509	half	0.099	U5a1c	0.991
0.002354	1.168998788	half	0.087	U5a2c3	0.997
0.001184	0.634785154	half	0.105	U4b1a2	0.995
0.006784	2.441346858	half	0.153	U4a1	0.984
0.005421	2.159703307	half	0.11	U5a1c	0.995
0.000747	0.450705109	half	0.092	U5b2a1a	0.993
0.013524	1.513863538	half	0.091	U2e1	0.992
..	..	half	0.137	U5a1c	0.985
..	..	half	0.094	U2e1	0.987
..	..	half	0.087	U5a1d	0.999
0.002137	0.206668317	half	0.146	T2b23	0.991
..	..	half	0.134	N1a1	0.994
0.004748	2.599683745	half	0.066	J1c2	1
0.006585	2.715916384	half	0.093	K1a1a	0.996
0.005758	3.055693976	half	0.044	H67	0.998
..	..	half	0.053	H	1
..	..	half	0.052	T2b	1
..	..	half	0.046	K1b1a	1
..	..	half	0.125	U8b1b	0.96
..	..	half	0.134	HV	0.972
..	..	half	0.094	..	1
..	..	half	0.106	T2b	0.991

-0.001334	-0.875247681	half	0.083	U5a1b	0.999
0.042814	0.940195453	half	0.113	U4a	0.995
0.016043	1.901007998	half	0.113	U5a1b	0.984
..	..	half	0.106	U5a2a	0.992
..	..	half	0.109	U4d	0.999
0.014186	1.996846373	half	0.231	U4a1	0.984
..	..	half	0.186	U4a	0.988
-0.002408	-2.115637885	half	0.088	U5a2a	0.998
..	..	half	0.16	U5a2a	0.991
..	..	half	0.182	U5a1b	0.997
0.013462	2.15401133	half	0.086	U5a1	0.989
-0.006044	-0.448770114	half	0.11	U4a1	1
..	..	half	0.093	U5a2a	0.996
..	..	half	0.098	U4d	0.987
..	..	half	0.12	U5b2a	0.992
..	..	half	0.114	U5b2b1	0.988
0.186502	0.933302841	half	0.092	U4b1a	0.997
-0.001335	-1.823683543	half	0.07	U2e1	0.998
..	..	half	0.096	U4b1b1	0.993
..	..	half	0.086	U4d	0.988
-0.005128	-0.453729822	half	0.117	U5a2a	0.999
..	..	half	0.123	T2	0.995
-0.016039	-0.376581111	half	0.08	U4b1a	1
..	..	half	0.088	U5b2a1a	1
..	..	half	0.108	U4d	0.99
..	..	half	0.089	U4b	0.987
..	..	half	0.113	U5b2a1a	0.997
..	..	half	0.12	U5a2a	0.988
..	..	half	0.12	U4b	0.989
..	..	half	0.122	T1a1	0.995
..	..	half	0.191	H15b1	0.993
..	..	half	0.122	R0a1	0.989
..	..	half,half,half	0.145,0.19,0.16	K,K,K1a	0.986,0.982,0.9
..	..	half,half,half	0.133,0.177,0.1	J1c,J1c,J1c	0.991,0.98,0.98
..	..	half	0.111	H	0.99
..	..	half	0.107	U5b2c1	0.99
..	..	plus,plus,half	0.222,0.222,0.0	C1,C1,C1	0.995,0.999,0.9
..	..	half	0.088	H1	0.982
..	..	plus,plus,plus	0.292,0.292,0.2	J1c,J1c,J1c	0.98,0.963,0.98
..	..	half	0.135	T2e	..
..	..	half	0.155	T2b	..

..	..	half	0.153	T2b	..
..	..	half	0.087	U5a1d	0.995
..	..	half,half,half,h	0.125,0.1,0.074	U4a1,U4a1,U4a	0.998,0.998,0.9
..	..	half	0.067	H13a1a1	0.975
..	..	half	0.091	H2b	1
..	..	half	0.056	H6a1b	0.998
..	..	half	0.074	U5a1a1	1
..	..	half,half	0.057,0.05	W3a1a,W3a1a	0.999,0.98
..	..	half	0.097	T2c1	0.997
..	..	half,half	0.091,0.056	W6c,W6c	0.99,0.984
..	..	half	0.072	U5a1a1	0.998
..	..	half	0.17	W1	0.994
..	..	half	0.274	K1a3a	1
..	..	half	0.2	T2b	1
..	..	half	0.2	K1b1b	0.999
0.007585	4.558301487	half	0.132	K1a2	0.993
..	..	half	0.219	J1c11	0.994
..	..	half	0.15	K1a1	0.993
..	..	half	0.194	T2b	0.999
..	..	half	0.217	U8b1b1	0.995
..	..	half	0.15	U3	0.996
..	..	half	0.183	N1a1	0.999
..	..	half	0.211	N1b1	0.983
..	..	half	0.174	N1a1a	0.996
..	..	half	0.267	K1a	0.973
..	..	half	0.168	X2d	0.998
..	..	half	0.18	U3	0.986
..	..	half	0.127	H5	0.992
0.022038	0.870698953	half,half,half	0.156,0.147,0.1	K1a4f,K1a4f,K1	0.984,0.977,0.9
0.005584	1.521435926	half,half,half,h	0.162,0.136,0.1	X2m2,X2m2,X2	0.997,1,1,0.999
-0.004852	-0.97041378	half,half,half	0.136,0.129,0.1	K1a2,K1a2,K1a2	0.984,0.999,0.9
..	..	half	0.136	N1a1	0.996
..	..	half,half,half	0.139,0.127,0.1	H,H,H	1,1,1
..	..	half	0.082	U4a	0.999
..	..	plus,half	..,0.101	H2a1,H2a1	0.952,0.995
..	..	half	0.107	U4d	0.991
..	..	half	0.064	H1b1g	0.971
..	..	half	0.067	H46	1
0.015127	3.328458108	half,half,half,h	0.054,0.066,0.0	U2d2,U2d2,U2d	0.985,1,1,0.988
..	..	half	0.089	H6a2	0.998
..	..	half,half	0.048,0.078	I3a,I3a	0.996,0.997

..	..	half,half,half	0.087,0.094,0.0	H13a1a,H13a1a	0.99,0.997,0.99
..	..	half	0.068	U5a1c	0.998
..	..	half	0.131	T1a1	0.999
..	..	half	0.116	I1a1	0.996
..	..	half,half	0.093,0.088	K1b2a,K1b2a	0.984,0.996
..	..	n/a	..	..	..
..	..	n/a	..	..	..
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..	..	half	0.149,..	T2c2,..	.,..
..	..	half	0.132,0.294	T2b,T2b	0.796,0.839
..	..	half	0.109,0.344,0.3	N1a1a,N1a1a,N	0.999,0.995,0.9
0.003478	0.608183584	half,half	0.149,0.172	K1a26,K1a26	0.999,1
0.000134	0.041238649	half,half,half	.,0.115	.,N1a1a2	.,0.997
0.00123	0.461345441	half,half	0.156,0.149	X2d1,X2d1	1,0.999
..	..	half,half	0.124,0.126	K1a2,K1a2	0.998,0.998
..	..	half,half	0.156,0.145	N1a1,N1a1	1,0.998
..	..	half,half	0.128,0.14	T2c,T2c	0.996,1
..	..	half	0.156	U5b3f	0.985
..	..	half	0.122	T2b	0.979
0.000048	0.012025687	half	0.19	..	0.978
-0.002163	-0.981504338	half	0.146	..	0.84
..	..	half	0.266	..	0.898
0.00557	2.337600749	half	0.127	..	0.977
0.005535	2.783723541	half,half	0.133,0.014	HV,HV	0.985,0.99
0.006529	3.542320668	half,half	0.11,0.367,0.09	H26a,H26a,H26	0.956,0.977,0.9
..	..	half	0.093	J2a1a1	0.977
..	..	half	0.153	U5b2a2c	0.408
..	..	half	0.178	..	0.997
..	..	half	0.102	..	1
-0.054002	-0.27868591	half	0.109	N1a1a3	1
..	..	half,half	0.106,0.114	T2b,T2b	1,1

-0.008788	-1.318698798	half,half	..,0.152	..,N1a1a3	..,0.998
..	..	half,half	0.142,0.133	H1e,H1e	1,1
..	..	half,half	0.116,0.128	K1c,K1c	0.999,1
..	..	half,half	0.126,0.143	K2a,K2a	1,1
..	..	half	0.136	T2b	1
..	..	half,half	0.115,0.139	H26,H26	1,0.999
..	..	half,half	0.12,0.136	J1c,J1c	0.989,0.999
..	..	half,half	0.162,0.159	V1,V1	0.988,0.999
..	..	half,half	0.127,0.116	T2b,T2b	0.999,1
..	..	half,half	0.13,0.127	N1a1b,N1a1b	0.998,1
..	..	half,half,half,h	0.183,0.191,0.2	K1a17,K1a17,K	0.999,0.995,1,0
..	..	half	0.085	H2a1	0.999
..	..	half	0.083	K1a8	0.994
..	..	half	0.032	H	0.999
..	..	half	0.065	K1a8	0.997
..	..	half	0.068	U4a	0.996
..	..	half	0.11	X2f	1
..	..	half	0.176	H1u	0.968
..	..	half	0.149	U3a2	0.996
..	..	half,half,half,h	0.212,0.211,0.2	X2,X2,X2,X2,X2	0.969,0.969,0.9
..	..	half	0.073	..	..
..	..	half	0.139	I1c	0.998
..	..	half	0.128	K1a12a	0.998
..	..	half,half,half	0.203,0.199,0.2	U3a'c,U3a'c,U3	0.913,0.962,0.9
..	..	half,half,half	0.119,0.108,0.1	H29,H29,H29	0.997,0.988,0.9
..	..	half	0.078	U7a	1
..	..	half,half	0.119,0.121	K1a12a,K1a12a	0.922,0.963
..	..	minus	..	..	..
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Lab Number	Sample ID	Provenience/Description
PSUAMS-3231	I7542	UZ-ST-014
PSUAMS-3230	I7494	UZ-ST-006
PSUAMS-3229	I7419	UZ-ST-001
PSUAMS-3228	I7412	UZ-JAR-018
PSUAMS-3227	I7411	UZ-JAR-007
PSUAMS-3183	I3864	DI No 59
PSUAMS-3122	I7495	UZ-ST-004
PSUAMS-3121	I7492	UZ-ST-008
PSUAMS-3120	I7421	UZ-ST-002
PSUAMS-3117	I7416	UZ-ST-009
PSUAMS-3115	I3861	BI No 22, Grave 4
PSUAMS-3106	I7414	UZ-ST-007
PSUAMS-3099	I5761	KZ-KAR-012
PSUAMS-2998	I6667	StPet23, site I, grave K-28
PSUAMS-2991	I4566	KZ-KAN-004
PSUAMS-2981	I6799	TOMSK_4371, inv. 4371
PSUAMS-2980	I6790	TOMSK_4337, inv. 4337
PSUAMS-2978	I6707	StPet36, 6037-3
PSUAMS-2964	I4789	KZ-DJA-001 + KZ-DJA-002
PSUAMS-2963	I4323	KZ-KUZ-002
PSUAMS-2962	I4321	KZ-KAZ-003
PSUAMS-2961	I4318	KZ-KAN-002 + KZ-KAY-002
PSUAMS-2960	I1828	SS 7800-23, grave 26
PSUAMS-2951	I6674	StPet33, site II, grave K-267
PSUAMS-2950	I6669	StPet25, site II, grave K-256, individual 1
PSUAMS-2942	I6800	TOMSK_4387, inv. 4387
PSUAMS-2940	I6709	StPet38, 6095-13
PSUAMS-2939	I4779	KZ-KAR005, ogr. N11, grave N3
PSUAMS-2929	I6797	TOMSK_4352
PSUAMS-2928	I6796	TOMSK_4351
PSUAMS-2927	I6795	TOMSK_4350
PSUAMS-2926	I6794	TOMSK_4347
PSUAMS-2925	I6793	TOMSK_4346
PSUAMS-2924	I6792	TOMSK_4344
PSUAMS-2923	I6791	TOMSK_4341
PSUAMS-2922	I6789	TOMSK_4335
PSUAMS-2921	I6788	TOMSK_4114

PSUAMS-2918	I6048	TOMSK_2125
PSUAMS-2917	I6047	TOMSK_2124
PSUAMS-2916	I6708	StPet37
PSUAMS-2915	I4782	KZ-KAZ-004
PSUAMS-2913	I4780	KZ-KAR009
PSUAMS-2912	I4776	KZ-KAN005
PSUAMS-2865	I1852	SS 7800-9, grave 10
PSUAMS-2841	I6195	Luca48=UDG 7, 1
PSUAMS-2840	I6119	Gonur 2005 Tomb 3466 sampl 2
PSUAMS-2806	I6217	Gonur Tomb 1300 sampl 51
PSUAMS-2804	I6124	Gonur 2003 Tomb 1899 Samp 54
PSUAMS-2800	I4314	UZ-JAR-003
PSUAMS-2799	I4259	UZ-PK-003
PSUAMS-2798	I3260	Luca2=UDG 28, 2
PSUAMS-2797	I6555	LOEB_77, T.77
PSUAMS-2796	I6554	LOEB_73b, T.73B
PSUAMS-2795	I6553	LOEB_53, T.53; Loebanr 35A, T 135A?
PSUAMS-2794	I6292	LOEB_35A, Loebanr 35A, TI. 35A
PSUAMS-2793	I5400	LOEB_170, T.170
PSUAMS-2792	I6556	LOEB_163c, T.163C; Loebanr I, G. 163?
PSUAMS-2791	I5397	KATE_53, T.53
PSUAMS-2790	I5396	KATE_36, T.36
PSUAMS-2789	I6550	BUTK2, T.50a
PSUAMS-2788	I6549	BUTK1, T.50b
PSUAMS-2787	I6546	BKOT2, T.2, 3rd skeleton
PSUAMS-2786	I6545	BKOT1, T.2, 1st skeleton
PSUAMS-2774	I5604	UZ-BST-011, Site 4
PSUAMS-2632	I1799	UDEGRAM 53
PSUAMS-2624	I4910	UZ-SZ-002
PSUAMS-2614	I4787	KZ-UKZ-002, Grave (?) 1, KV E7
PSUAMS-2613	I4784	KZ-KUZ-001, Og. 46
PSUAMS-2612	I4783	KZ-KAZ-006, Object 3, Og. 1, 2015
PSUAMS-2611	I4778	KZ-KAR-003, KV. 1V, Grave 2, 1994
PSUAMS-2608	I4774	KZ-AKT-008, Object 7, Kurgan 4
PSUAMS-2607	I4773	KZ-AKT-002,Object 7, Kurgan 7
PSUAMS-2548	I4791	KZ-DJA-006
PSUAMS-2547	I4790	KZ-DJA-004
PSUAMS-2546	I4568	KZ-KAR-006
PSUAMS-2545	I4567	KZ-KAN-006
PSUAMS-2544	I4322	KZ-KAZ-005
PSUAMS-2543	I4319	KZ-KAR-010

PSUAMS-2540	I3753	CII (VIII-VII BC) No51
PSUAMS-2536	I4285	UZ-ST-003
PSUAMS-2518	I4315	UZ-JAR-004
PSUAMS-2517	I4313	UZ-JAR-005
PSUAMS-2516	I4312	UZ-JAR-001
PSUAMS-2515	I4295	KZ-KP-001
PSUAMS-2512	I4267	KZ-KP-004
PSUAMS-2511	I4265	KZ-AKT-003
PSUAMS-2510	I4257	UZ-DK-003
PSUAMS-2507	I3977	CII No 44
PSUAMS-2506	I3976	CII No 43
PSUAMS-2502	I3763	CII-47
PSUAMS-2499	I3788	BI (XIII-XI BCE) No21
PSUAMS-2496	I3767	AI-1
PSUAMS-2492	I3860	BI No 20, Grave 24, Section D-4
PSUAMS-2437	I1853	SS 8993-10, enclosure 7
PSUAMS-2436	I1851	SS 7800-24, grave 28
PSUAMS-2435	I1821	SS 8993-8, enclosure 5, grave 1
PSUAMS-2406	I5271	Tomsk_1952
PSUAMS-2405	I5270	Tomsk_1951
PSUAMS-2368	I5277	Tomsk_2099, Elo-Bashi, 2099
PSUAMS-2359	I1958	Tyumen1, Kurgan 1
PSUAMS-2355	I5279	Tomsk_2102
PSUAMS-2354	I5278	Tomsk_2101
PSUAMS-2353	I5277	Tomsk_2099, Elo-Bashi, 2099
PSUAMS-2352	I5273	Tomsk_1959
PSUAMS-2351	I5272	Tomsk_1955
PSUAMS-2350	I5269	Tomsk_1950
PSUAMS-2346	I2335	TH16-4, 33-16-4, Period 1
PSUAMS-2345	I2328	FH9, F10 B1 skull 7
PSUAMS-2335	I2087	Gonur.Tomb.1506.sampl.32
PSUAMS-2317	I3374	Gonur 2003 Area 6 Tomb 3042 sampl 7
PSUAMS-2316	I2128	Gonur Tomb 1311 sampl 59
PSUAMS-2315	I2125	Gonur tomb 2871 sampl 15
PSUAMS-2314	I2121	Gonur 2003 Tomb 3007 sampl 8
PSUAMS-2313	I2085	Gonur.2004.Area.8.Cist.3201.N28m
PSUAMS-2312	I1793	Gonur2013Area12occasionalfindN4384N
PSUAMS-2311	I1790	Gonur2013Area12pitroom29N4258N15r
PSUAMS-2310	I1787	GonurTomb1315Samp65
PSUAMS-2309	I1782	Gonur2003Tomb3049sample3
PSUAMS-2293	I3954	StPet52, collection 6612, individual 8

PSUAMS-2292	I3949	StPet47, collection 6612, individual 1
PSUAMS-2262	I2924	TH16-56, 33-16-56, Period unknown
PSUAMS-2229	I2513	TH23-13, 33-23-113, Period 2 (late)
PSUAMS-2228	I2918	TH16-2, 33-16-2, Period 1
PSUAMS-2227	I2922	TH16-12, 33-16-12, Period 1
PSUAMS-2165	I4286	UZ-ST-005
PSUAMS-2163	I4241	F10 B1 S3
PSUAMS-2157	I3262	Luca5=UDG 26, 1, DA-UDE0317-017
PSUAMS-2152	I2122	Gonur 2005 Tomb 3453 sampl 11
PSUAMS-2151	I4351	F11 B3 1
PSUAMS-2126	I4349	F11 4 merged with F11 B3 3
PSUAMS-2125	I4289	UZ-ST-016
PSUAMS-2124	I4264	KZ-AKT-001
PSUAMS-2123	I4263	KZ-KAR-004
PSUAMS-2122	I4262	KZ-KAR-002
PSUAMS-2121	I4258	UZ-DK-001
PSUAMS-2113	I4243	F11 3
PSUAMS-2112	I4163	UZ-JAR-011
PSUAMS-2109	I1829	SS Sal 1/36, g. 36
PSUAMS-2102	I1064	K.2 B.8 S.4, A1010
PSUAMS-2101	I1056	K.4 B.2 S.4, A953
PSUAMS-2080	I3772	CII-56
PSUAMS-2079	I3770	CII-52
PSUAMS-2071	I3447	DL-OP2-B, #41
PSUAMS-2067	I1856	SS 8993-9, enclosure 5, grave 3
PSUAMS-2066	I1788	GonurTomb1340Samp66
PSUAMS-2065	I1781	Gonur2003Tomb3012sample1
PSUAMS-2064	I1053	946
PSUAMS-1957	I3952	StPet51, collection 6612, individual 5
PSUAMS-1956	I3951	StPet50, collection 6612, individual 4
PSUAMS-1955	I3950	StPet48, collection 6612, individual 2
PSUAMS-1954	I1027	K.2 B.6 S.8, A1002
PSUAMS-1953	I1057	K.4 B.2 S.5, A954
PSUAMS-1952	I1054	K.4 B.11 S.4, A949
PSUAMS-1919	I2337	TH23-9, 33-23-9, Period 1
PSUAMS-1918	I2514	TH23-73, 33-23-73, Period 3
PSUAMS-1917	I2928	TH23-205, 33-23-205, Period 3
PSUAMS-1916	I2927	TH23-124, 33-23-124, Period 3
PSUAMS-1915	I2923	TH16-51, 33-16-51, Period 3
PSUAMS-1914	I2512	TH16-118, 33-16-118, Period 2(3)
PSUAMS-1913	I2925	TH16-110, 33-16-110, Period 2(3)

PSUAMS-1912	I2921	TH16-11, 33-16-11, Period 1
AA-90948	I0946	StepVIIS-3
AA-90949	I0944	StepVIIS-1
Beta-391198	I1931	DL-Br-2,sample#KZBR-2-012
Beta-391199	I0507	KzHS7
Beta-391199	I3448	DL-BR1-B, CTX 2-B3, #21, indiv #2
Beta-428664	I1796	UDG31, Grave 28, Individual 1
Beta-428665	I1992	UDG12, Grave 29, Individual 1
Beta-428666	I1994	UDG38, Grave 10, Individual 2
Beta-428667	I1985	UDG34+UDG39, Grave 10, Individual 1 +
Beta-436293	I1028	976
Beta-436294	I1017	978
Beta-436363	I1058	955
OxA-33486	I5766	Tomsk10
OxA-33489	I1960	Tyumen50, Kurgan 6
Poz-81115	I2323	FH5, F10 B1 prenatal
Poz-82198	I1960	Tyumen50, Kurgan 6
Poz-83425	I2069	230/4
Poz-83484	I1783	Gonur 2005 Tomb 3454 Sampl 12
Poz-83485	I1784	GonurTomb2380samp17
Poz-83486	I1789	Gonur2013Area12shafttomb,tombN432
Poz-83487	I1792	Gonur2004largepit,royalnecropolis3240(
Poz-83490	I2116	Gonur 2013 Area 19 cist tomv 4290 (1) N
Poz-83491	I2123	Gonur 2005 Tomb 3465 Sampl 9
Poz-83508	I2959	UD T219 1
Poz-83510	I2071	230/6, Burial 10

Site	Lat	Long	Country	Material
Sappali Tepe	37.4167	66.8333	Uzbekistan	petrous
Sappali Tepe	37.4167	66.8333	Uzbekistan	petrous
Sappali Tepe	37.4167	66.8333	Uzbekistan	petrous
Dzharkutan	37.7500	67.0000	Uzbekistan	petrous
Dzharkutan	37.7500	67.0000	Uzbekistan	petrous
Vodokhranilische, Kurgan 4, Grave 6	---	---	Kazakhstan	tooth
Sappali Tepe	37.4167	66.8333	Uzbekistan	petrous
Sappali Tepe	37.4167	66.8333	Uzbekistan	petrous
Sappali Tepe	37.4167	66.8333	Uzbekistan	petrous
Sappali Tepe	37.4167	66.8333	Uzbekistan	petrous
Oi-Dzhailau	42.6894	73.1175	Kazakhstan	tooth
Sappali Tepe	37.4167	66.8333	Uzbekistan	petrous
Kairan	48.7418	76.9957	Kazakhstan	tooth (molar)
Parkhai II	38.3480	56.2454	Turkmenistan	petrous
Kairan	48.7418	76.9957	Kazakhstan	tooth (molar)
Satan	49.1200	75.8100	Kazakhstan	petrous
Maitan	50.0900	74.4400	Kazakhstan	petrous
---	---	---	Kazakhstan	petrous
Oi-Dzhailau	42.6894	73.1175	Kazakhstan	petrous
Kyzlbulak 1	43.2466	77.8138	Kazakhstan	petrous
Kazakh Mys	46.9479	79.9881	Kazakhstan	petrous
Kairan	48.7418	76.9957	Kazakhstan	petrous
Minusinsk Basin, Ust-Bir IV	54.1793	91.5789	Russia	bone (cranial)
Parkhai II	38.3480	56.2454	Turkmenistan	petrous
Parkhai II	38.3480	56.2454	Turkmenistan	petrous
Lisakovskiy	52.6100	62.6900	Kazakhstan	petrous
---	---	---	Kazakhstan	petrous
Kairan	48.7418	76.9957	Kazakhstan	petrous
Maitan	50.0900	74.4400	Kazakhstan	petrous
Maitan	50.0900	74.4400	Kazakhstan	petrous
Maitan	50.0900	74.4400	Kazakhstan	petrous
Maitan	50.0900	74.4400	Kazakhstan	petrous
Maitan	50.0900	74.4400	Kazakhstan	petrous
Maitan	50.0900	74.4400	Kazakhstan	petrous
Maitan	50.0900	74.4400	Kazakhstan	petrous
Maitan	50.0900	74.4400	Kazakhstan	petrous
Lisakovskiy	52.6100	62.6900	Kazakhstan	petrous

Priobrazhenka 3	55.5100	77.0500	Russia	petrous
Priobrazhenka 3	55.5100	77.0500	Russia	petrous
---	---	---	Kazakhstan	petrous
Kazakh Mys	46.9479	79.9881	Kazakhstan	petrous
Kairan	48.7418	76.9957	Kazakhstan	petrous
Kairan	48.7418	76.9957	Kazakhstan	petrous
Minusinsk Basin, Ust-Bir IV	54.1793	91.5789	Russia	bone
Udegram, Babozai tahsil, Swat District , K	34.7489	72.3083	Pakistan	tooth
Gonur	38.1907	62.0343	Turkmenistan	tooth
Gonur	38.1907	62.0343	Turkmenistan	tooth
Gonur	38.1907	62.0343	Turkmenistan	tooth
Dzharkutan	37.7500	67.0000	Uzbekistan	petrous
Parkhai II	38.3480	56.2454	Turkmenistan	petrous
Udegram, Babozai tahsil, Swat District , K	34.7489	72.3083	Pakistan	tooth
Loebanr 1	34.7472	72.3917	Pakistan	petrous
Loebanr 1	34.7472	72.3917	Pakistan	petrous
Loebanr 1	34.7472	72.3917	Pakistan	petrous
Loebanr 1	34.7472	72.3917	Pakistan	petrous
Loebanr 1	34.7472	72.3917	Pakistan	petrous
Loebanr 1	34.7472	72.3917	Pakistan	petrous
Katelai	34.7683	72.3578	Pakistan	petrous
Katelai	34.7683	72.3578	Pakistan	petrous
Butkara	34.7585	72.3716	Pakistan	petrous
Butkara	34.7585	72.3716	Pakistan	petrous
Barikot	30.4000	72.1200	Pakistan	petrous
Barikot	30.4000	72.1200	Pakistan	petrous
Bustan	37.6667	67.0000	Uzbekistan	petrous
Udegram, Babozai tahsil, Swat District , K	34.7489	72.3083	Pakistan	bone
Sarazm	39.5072	67.4608	Tajikistan	petrous
Taldysay, central Kazakhstan	48.2144	67.0205	Kazakhstan	petrous
Kyzlbulak 1	43.2466	77.8138	Kazakhstan	petrous
Kazakh Mys	46.9479	79.9881	Kazakhstan	petrous
Karagash 2	48.7818	76.4530	Kazakhstan	petrous
Aktogai	46.9659	80.0347	Kazakhstan	petrous
Aktogai	46.9659	80.0347	Kazakhstan	petrous
Oi-Dzhailau	42.6894	73.1175	Kazakhstan	petrous
Oi-Dzhailau	42.6894	73.1175	Kazakhstan	petrous
Kairan	48.7418	76.9957	Kazakhstan	tooth
Kairan	48.7418	76.9957	Kazakhstan	tooth (molar)
Kazakh Mys	46.9479	79.9881	Kazakhstan	petrous
Kairan	48.7418	76.9957	Kazakhstan	petrous

Zevakinskiy stone fence	50.2249	81.8368	Kazakhstan	tooth
Sappali Tepe	37.4167	66.8333	Uzbekistan	petrous
Dzharkutan	37.7500	67.0000	Uzbekistan	petrous
Dzharkutan	37.7500	67.0000	Uzbekistan	petrous
Dzharkutan	37.7500	67.0000	Uzbekistan	petrous
Eastern Kazakhstan	---	---	Kazakhstan	petrous
Eastern Kazakhstan	---	---	Kazakhstan	petrous
Aktogai	46.9659	80.0347	Kazakhstan	petrous
Dashty-Kozy	39.4481	68.0314	Tajikistan	petrous
Zevakinskiy stone fence	50.2249	81.8368	Kazakhstan	tooth
Zevakinskiy stone fence	50.2249	81.8368	Kazakhstan	tooth
Zevakinskiy stone fence	50.2249	81.8368	Kazakhstan	tooth
Two sites: Oi-Zhaylau-III grave and Talapt	42.6894	73.1175	Kazakhstan	tooth
Ak-Moustafa, Central Kazakhstan, Kurgar	47.7780	72.0097	Kazakhstan	tooth
Oi-Dzhailau	42.6894	73.1175	Kazakhstan	tooth
Minusinsk Basin, Potroshilovo II	53.8731	91.4605	Russia	bone (cranial)
Minusinsk Basin, Ust-Bir IV	54.1793	91.5789	Russia	bone (cranial)
Minusinsk Basin, Potroshilovo II	53.8731	91.4605	Russia	bone (cranial)
Elo 1	50.7581	85.5602	Russia	tooth root
Elo 1	50.7581	85.5602	Russia	tooth root
Elo Bashi	50.7565	85.5609	Russia	petrous
Tyumen Oblast, Western Siberia	56.0362	69.3389	Russia	bone
Lower Tyumechin 1	50.7536	85.5567	Russia	bone
Lower Tyumechin 1	50.7536	85.5567	Russia	bone
Elo Bashi	50.7565	85.5609	Russia	petrous
Lower Tyumechin 1	50.7536	85.5567	Russia	bone
Elo Bashi	50.7565	85.5609	Russia	bone
Elo 1	50.7581	85.5602	Russia	bone
Tepe Hissar	36.1544	54.3836	Iran	bone
Hajji Firuz	36.9944	45.4744	Iran	tooth (molar)
Gonur	38.1907	62.0343	Turkmenistan	tooth
Gonur	38.1907	62.0343	Turkmenistan	tooth
Gonur	38.1907	62.0343	Turkmenistan	tooth
Gonur	38.1907	62.0343	Turkmenistan	tooth
Gonur	38.1907	62.0343	Turkmenistan	tooth
Gonur	38.1907	62.0343	Turkmenistan	bone
Gonur	38.1907	62.0343	Turkmenistan	tooth
Gonur	38.1907	62.0343	Turkmenistan	tooth
Gonur	38.1907	62.0343	Turkmenistan	tooth
Gonur	38.1907	62.0343	Turkmenistan	tooth
Altai Mountains, Yenisey River, left bank	---	---	Russia	petrous

Altai Mountains, Yenisey River, left bank	---	---	Russia	petrous
Tepe Hissar	36.1544	54.3836	Iran	petrous
Tepe Hissar	36.1544	54.3836	Iran	petrous
Tepe Hissar	36.1544	54.3836	Iran	bone (phalanx)
Tepe Hissar	36.1544	54.3836	Iran	bone (phalanx)
Sappali Tepe	37.4167	66.8333	Uzbekistan	petrous
Hajji Firuz	36.9944	45.4744	Iran	petrous
Udegram, Babozai tahsil, Swat District , K	34.7489	72.3083	Pakistan	tooth + petrous
Gonur	38.1907	62.0343	Turkmenistan	tooth
Hajji Firuz	36.9944	45.4744	Iran	petrous
Hajji Firuz	36.9944	45.4744	Iran	petrous
Sappali Tepe	37.4167	66.8333	Uzbekistan	petrous
Aktogai	46.9659	80.0347	Kazakhstan	petrous
Karagash 2	48.7818	76.4530	Kazakhstan	petrous
Karagash 2	48.7818	76.4530	Kazakhstan	petrous
Dashty-Kozy	39.4481	68.0314	Tajikistan	petrous
Hajji Firuz	36.9944	45.4744	Iran	petrous
Dzharkutan	37.7500	67.0000	Uzbekistan	petrous
Altai, Saldyar 1	50.5542	86.5901	Russia	bone (cranial)
Kamennyi Ambar 5 Cemetery	52.8167	60.4667	Russia	bone (long bone)
Kamennyi Ambar 5 Cemetery	52.8167	60.4667	Russia	bone (femur)
Zevakinskiy stone fence	50.2249	81.8368	Kazakhstan	tooth
Zevakinskiy stone fence	50.2249	81.8368	Kazakhstan	tooth
Dali, Byan Zherek	45.1324	79.3644	Kazakhstan	bone (cranial)
Minusinsk Basin, Potroshilovo II	53.8731	91.4605	Russia	bone (cranial)
Gonur	38.1907	62.0343	Turkmenistan	tooth
Gonur	38.1907	62.0343	Turkmenistan	tooth
Kamennyi Ambar 5 Cemetery	52.8167	60.4667	Russia	bone (long bone)
Altai Mountains, Yenisey River, left bank	---	---	Russia	petrous
Altai Mountains, Yenisey River, left bank	---	---	Russia	petrous
Altai Mountains, Yenisey River, left bank	---	---	Russia	petrous
Kamennyi Ambar 5 Cemetery	52.8167	60.4667	Russia	bone (long bone)
Kamennyi Ambar 5 Cemetery	52.8167	60.4667	Russia	bone (long bone)
Kamennyi Ambar 5 Cemetery	52.8167	60.4667	Russia	bone (long bone)
Tepe Hissar	36.1544	54.3836	Iran	tooth (molar)
Tepe Hissar	36.1544	54.3836	Iran	petrous
Tepe Hissar	36.1544	54.3836	Iran	petrous
Tepe Hissar	36.1544	54.3836	Iran	petrous
Tepe Hissar	36.1544	54.3836	Iran	petrous
Tepe Hissar	36.1544	54.3836	Iran	petrous
Tepe Hissar	36.1544	54.3836	Iran	petrous

Tepe Hissar	36.1544	54.3836	Iran	bone (phalanx)
Stepnoe VII Cemetery	53.8760	59.0760	Russia	bone (rib)
Stepnoe VII Cemetery	53.8760	59.0760	Russia	bone (phalanx)
Dali, Byan Zherek	45.1324	79.3644	Kazakhstan	bone (phalanx)
Dali, Byan Zherek	45.1324	79.3644	Kazakhstan	bone (phalanx)
Dali, Byan Zherek	45.1324	79.3644	Kazakhstan	bone (phalanx)
Udegram, Babozai tahsil, Swat District , K	34.7489	72.3083	Pakistan	tooth
Udegram, Babozai tahsil, Swat District , K	34.7489	72.3083	Pakistan	tooth
Udegram, Babozai tahsil, Swat District , K	34.7489	72.3083	Pakistan	tooth
Udegram, Babozai tahsil, Swat District , K	34.7489	72.3083	Pakistan	bone
Kamennyi Ambar 5 Cemetery	52.8167	60.4667	Russia	bone (long bone)
Kamennyi Ambar 5 Cemetery	52.8167	60.4667	Russia	bone (long bone)
Kamennyi Ambar 5 Cemetery	52.8167	60.4667	Russia	bone (long bone)
Sosnoviy Ostrov, Siberia	57.3589	65.3650	Russia	petrous
Tyumen Oblast, Western Siberia	56.0362	69.3389	Russia	petrous
Hajji Firuz	36.9944	45.4744	Iran	petrous
Tyumen Oblast, Western Siberia	56.0362	69.3389	Russia	petrous
Kaminnaya Cave, Altai Mountains	---	---	Russia	tooth (molar)
Gonur	38.1907	62.0343	Turkmenistan	tooth
Gonur	38.1907	62.0343	Turkmenistan	bone
Gonur	38.1907	62.0343	Turkmenistan	tooth
Gonur	38.1907	62.0343	Turkmenistan	tooth
Gonur	38.1907	62.0343	Turkmenistan	tooth
Gonur	38.1907	62.0343	Turkmenistan	tooth
Udegram, Babozai tahsil, Swat District , K	34.74888889	72.30833333	Pakistan	tooth
Ust'-Kuyum, Altai Mountains	---	---	Russia	tooth (premolar)

Process	fraction Modern	±	$D^{14}C$ (‰)	±	^{14}C age (BP)	±	$\delta^{13}C$ (‰)
XAD amino acids	0.6473	0.0014	-352.7	1.4	3495	20	-19.3
XAD amino acids	0.6406	0.0014	-359.4	1.4	3575	20	-17.6
XAD amino acids	0.6490	0.0015	-351.0	1.5	3475	20	-18.1
XAD amino acids	0.6546	0.0015	-345.4	1.5	3405	20	-17.1
XAD amino acids	0.6604	0.0015	-339.6	1.5	3335	20	-17.9
XAD amino acids	0.6594	0.0014	-340.6	1.4	3345	20	-16.5
>30kDa gelatin	0.6422	0.0013	-357.8	1.3	3560	20	-17.6
>30kDa gelatin	0.6419	0.0015	-358.1	1.5	3560	20	-18.6
>30kDa gelatin	0.6450	0.0016	-355.0	1.6	3525	25	-18.5
>30kDa gelatin	0.6430	0.0014	-357.0	1.4	3545	20	-15.9
>30kDa gelatin	0.6521	0.0014	-347.9	1.4	3435	20	-18.3
>30kDa gelatin	0.6375	0.0015	-362.5	1.5	3615	20	-18.5
>30kDa gelatin	0.6445	0.0016	-355.5	1.6	3530	20	-18.1
XAD amino acids	0.6738	0.0015	-326.2	1.5	3170	20	-18.9
XAD amino acids	0.6588	0.0014	-341.2	1.4	3350	20	-17.2
XAD amino acids	0.6513	0.0014	-348.7	1.4	3445	20	-18.3
XAD amino acids	0.6519	0.0014	-348.1	1.4	3435	20	-17.9
XAD amino acids	0.6691	0.0015	-330.9	1.5	3230	20	-18.8
>30kDa gelatin	0.6656	0.0017	-334.4	1.7	3270	25	-14.6
>30kDa gelatin	0.6561	0.0015	-343.9	1.5	3385	20	-16.5
>30kDa gelatin	0.6623	0.0014	-337.7	1.4	3310	20	-16.4
>30kDa gelatin	0.6538	0.0015	-346.2	1.5	3415	20	-18.4
>30kDa gelatin	0.6655	0.0014	-334.5	1.4	3270	20	-19.9
XAD amino acids	0.6249	0.0031	-375.1	3.1	3775	40	-19.7
XAD amino acids	0.5808	0.0015	-419.2	1.5	4365	25	-18.4
>30kDa gelatin	0.6536	0.0014	-346.4	1.4	3415	20	-18.7
XAD amino acids	0.6863	0.0018	-313.7	1.8	3025	25	-14.5
XAD amino acids	0.6552	0.0016	-344.8	1.6	3395	20	-18.0
>30 kDa gelatin	0.6522	0.0014	-347.8	1.4	3435	20	-18.5
>30 kDa gelatin	0.6480	0.0014	-352.0	1.4	3485	20	-18.9
>30 kDa gelatin	0.6543	0.0013	-345.7	1.3	3405	20	-18.6
>30 kDa gelatin	0.6512	0.0013	-348.8	1.3	3445	20	-18.7
>30 kDa gelatin	0.6554	0.0013	-344.6	1.3	3395	20	-18.5
>30 kDa gelatin	0.6508	0.0012	-349.2	1.2	3450	20	-18.3
>30 kDa gelatin	0.6529	0.0013	-347.1	1.3	3425	20	-18.3
>30 kDa gelatin	0.6504	0.0013	-349.6	1.3	3455	20	-19.6
>30 kDa gelatin	0.6529	0.0013	-347.1	1.3	3425	20	-18.4

>30 kDa gelatin	0.6592	0.0013	-340.8	1.3	3350	20	-19.3
>30 kDa gelatin	0.6864	0.0014	-313.6	1.4	3025	20	-22.1
>30 kDa gelatin	0.6305	0.0012	-369.5	1.2	3705	20	-14.5
>30 kDa gelatin	0.6572	0.0014	-342.8	1.4	3370	20	-16.0
>30 kDa gelatin	0.6541	0.0013	-345.9	1.3	3410	20	-17.2
>30 kDa gelatin	0.6538	0.0013	-346.2	1.3	3415	20	-18.1
>30kDa gelatin	0.6636	0.0013	-336.4	1.3	3295	20	-18.9
XAD amino acids	0.7047	0.0015	-295.3	1.5	2810	20	-19.1
XAD amino acids	0.6349	0.0014	-365.1	1.4	3650	20	-18.5
XAD amino acids	0.6253	0.0013	-374.7	1.3	3770	20	-19.0
>30kDa gelatin	0.6303	0.0014	-369.7	1.4	3705	20	-18.4
XAD amino acids	0.6484	0.0016	-351.6	1.6	3480	25	-16.5
XAD amino acids	0.5766	0.0014	-423.4	1.4	4425	20	-19.4
XAD amino acids	0.7111	0.0015	-288.9	1.5	2740	20	-17.8
XAD amino acids	0.7126	0.0016	-287.4	1.6	2720	20	-17.7
XAD amino acids	0.7193	0.0014	-280.7	1.4	2645	20	-18.0
XAD amino acids	0.7095	0.0014	-290.5	1.4	2755	20	-18.1
XAD amino acids	0.7167	0.0014	-283.3	1.4	2675	20	-18.5
XAD amino acids	0.7103	0.0014	-289.7	1.4	2745	20	-18.2
XAD amino acids	0.7174	0.0014	-282.6	1.4	2670	20	-17.3
XAD amino acids	0.7101	0.0014	-289.9	1.4	2750	20	-18.2
XAD amino acids	0.7131	0.0015	-286.9	1.5	2715	20	-18.3
XAD amino acids	0.7806	0.0018	-219.4	1.8	1990	20	-19.5
XAD amino acids	0.7717	0.0016	-228.3	1.6	2080	20	-19.6
XAD amino acids	0.7091	0.0014	-290.9	1.4	2760	20	-20.0
XAD amino acids	0.7111	0.0015	-288.9	1.5	2740	20	-19.5
>30kDa gelatin	0.6496	0.0012	-350.4	1.2	3465	20	-18.2
>30kDa gelatin	0.7031	0.0015	-296.9	1.5	2830	20	-18.9
>30kDa gelatin	0.5524	0.0014	-447.6	1.4	4765	20	-18.6
>30kDa gelatin	0.6869	0.0013	-313.1	1.3	3015	20	-19.1
>30kDa gelatin	0.6641	0.0014	-335.9	1.4	3290	20	-18.8
>30kDa gelatin	0.6672	0.0014	-332.8	1.4	3250	20	-17.9
>30kDa gelatin	0.6594	0.0014	-340.6	1.4	3345	20	-18.3
>30kDa gelatin	0.6642	0.0014	-335.8	1.4	3285	20	-16.9
>30kDa gelatin	0.6639	0.0015	-336.1	1.5	3290	20	-17.5
>30kDa gelatin	0.6675	0.0016	-332.5	1.6	3245	20	-17.0
>30kDa gelatin	0.6696	0.0016	-330.4	1.6	3220	20	-16.0
>30kDa gelatin	0.6555	0.0016	-344.5	1.6	3395	20	-17.5
>30kDa gelatin	0.6558	0.0016	-344.2	1.6	3390	20	-17.5
>30kDa gelatin	0.6656	0.0016	-334.4	1.6	3270	20	-14.1
>30kDa gelatin	0.6555	0.0018	-344.5	1.8	3395	25	-18.1

XAD amino acids	0.7005	0.0015	-299.5	1.5	2860	20	-15.7
XAD amino acids	0.6525	0.0019	-347.5	1.9	3430	25	-18.9
>30kDa gelatin	0.6668	0.0012	-333.2	1.2	3255	15	-18.6
>30kDa gelatin	0.6704	0.0015	-329.6	1.5	3210	20	-18.7
>30kDa gelatin	0.6575	0.0014	-342.5	1.4	3370	20	-18.5
>30kDa gelatin	0.6940	0.0014	-306.0	1.4	2935	20	-19.7
>30kDa gelatin	0.6967	0.0015	-303.3	1.5	2905	20	-15.6
>30kDa gelatin	0.6623	0.0015	-337.7	1.5	3310	20	-16.3
>30kDa gelatin	0.6700	0.0014	-330.0	1.4	3215	20	-16.5
>30kDa gelatin	0.6983	0.0015	-301.7	1.5	2885	20	-19.1
>30kDa gelatin	0.6968	0.0015	-303.2	1.5	2900	20	-16.5
>30kDa gelatin	0.6679	0.0018	-332.1	1.8	3240	25	-21.6
>30kDa gelatin	0.6607	0.0014	-339.3	1.4	3330	20	-16.7
>30kDa gelatin	0.6523	0.0014	-347.7	1.4	3430	20	-18.2
>30kDa gelatin	0.6579	0.0014	-342.1	1.4	3365	20	-17.1
>30kDa gelatin	0.6654	0.0013	-334.6	1.3	3270	20	-19.1
>30kDa gelatin	0.6669	0.0013	-333.1	1.3	3255	20	-19.9
>30kDa gelatin	0.6653	0.0014	-334.7	1.4	3275	20	-19.1
XAD amino acids	0.5830	0.0012	-417.0	1.2	4335	20	-18.9
XAD amino acids	0.5758	0.0012	-424.2	1.2	4435	20	-19.0
>30kDa gelatin	0.5768	0.0013	-423.2	1.3	4420	20	-18.9
>30kDa gelatin	0.4854	0.0014	-514.6	1.4	5805	25	-22.4
>30kDa gelatin	0.5831	0.0014	-416.9	1.4	4330	20	-19.2
>30kDa gelatin	0.5804	0.0016	-419.6	1.6	4370	25	-19.9
>30kDa gelatin	0.5801	0.0014	-419.9	1.4	4375	20	-18.9
>30kDa gelatin	0.5847	0.0015	-415.3	1.5	4310	25	-18.5
>30kDa gelatin	0.5851	0.0014	-414.9	1.4	4305	20	-18.6
>30kDa gelatin	0.5828	0.0015	-417.2	1.5	4335	25	-18.7
>30kDa gelatin	0.5528	0.0015	-447.2	1.5	4760	25	-19.4
>30kDa gelatin	0.4146	0.0014	-585.4	1.4	7075	30	-19.4
XAD amino acids	0.6299	0.0016	-370.1	1.6	3715	20	-18.7
>30kDa gelatin	0.6353	0.0019	-364.7	1.4	3645	20	-19.5
>30kDa gelatin	0.6295	0.0019	-370.5	1.3	3720	20	-19.6
>30kDa gelatin	0.6334	0.0019	-366.6	1.6	3670	20	-19.7
>30kDa gelatin	0.6280	0.0019	-372.0	1.4	3735	20	-19.4
>30kDa gelatin	0.6405	0.0019	-359.5	1.4	3580	20	-18.5
>30kDa gelatin	0.6309	0.0019	-369.1	1.6	3700	20	-18.1
>30kDa gelatin	0.6340	0.0019	-366.0	1.4	3660	20	-17.8
>30kDa gelatin	0.6326	0.0019	-367.4	1.5	3680	20	-17.3
>30kDa gelatin	0.6244	0.0019	-375.6	1.4	3785	20	-19.8
>30kDa gelatin	0.5972	0.0019	-402.8	1.5	4140	25	-18.9

>30kDa gelatin	0.6022	0.0019	-397.8	1.4	4075	20	-19.0
XAD amino acids	0.5950	0.0019	-405.0	1.7	4170	25	-19.7
>30kDa gelatin	0.6024	0.0019	-397.6	1.9	4070	25	-19.4
>30kDa gelatin	0.5468	0.0019	-453.2	1.8	4850	30	-19.7
>30kDa gelatin	0.6304	0.0019	-369.6	1.8	3705	25	-19.2
XAD amino acids	0.6467	0.0019	-353.3	1.5	3500	20	-17.6
XAD amino acids	0.4142	0.0019	-585.8	1.3	7080	30	-19.6
XAD amino acids	0.7093	0.0019	-290.7	1.8	2760	25	-19.7
XAD amino acids	0.6323	0.0019	-367.7	1.5	3680	20	-18.1
>30kDa gelatin	0.4131	0.0019	-586.9	2.1	7100	45	-20.2
>30kDa gelatin	0.4227	0.0019	-577.3	2.0	6915	40	-20.7
>30kDa gelatin	0.6449	0.0019	-355.1	1.9	3525	25	-18.0
>30kDa gelatin	0.6601	0.0019	-339.9	2.2	3335	30	-17.0
>30kDa gelatin	0.6538	0.0019	-346.2	1.9	3415	25	-18.8
>30kDa gelatin	0.6495	0.0019	-350.5	1.9	3465	25	-18.1
>30kDa gelatin	0.6645	0.0019	-335.5	2.1	3285	25	-17.7
>30kDa gelatin	0.6173	0.0019	-382.7	1.9	3875	25	-18.9
>30kDa gelatin	0.6672	0.0019	-332.8	1.8	3250	25	-16.0
XAD amino acids	0.5875	0.0019	-412.5	1.5	4270	25	-19.5
XAD amino acids	0.6500	0.0019	-350.0	1.6	3460	20	-17.9
XAD amino acids	0.6488	0.0019	-351.2	2.0	3475	30	-17.8
>30kDa gelatin	0.7047	0.0019	-295.3	1.9	2810	25	-12.8
>30kDa gelatin	0.6353	0.0019	-364.7	1.9	3645	25	-18.2
>30kDa gelatin	0.6020	0.0019	-398.0	1.8	4075	25	-17.8
>30kDa gelatin	0.6608	0.0019	-339.2	1.8	3330	25	-19.8
>30kDa gelatin	0.6363	0.0019	-363.7	2.0	3630	30	-18.8
>30kDa gelatin	0.6427	0.0019	-357.3	2.0	3550	30	-18.2
>30kDa gelatin	0.6453	0.0019	-354.7	2.0	3520	25	-18.7
>30kDa gelatin	0.5986	0.0019	-401.4	2.0	4120	30	-18.8
>30kDa gelatin	0.5956	0.0019	-404.4	1.7	4165	25	-18.6
>30kDa gelatin	0.5958	0.0019	-404.2	1.8	4160	25	-19.7
>30kDa gelatin	0.6427	0.0019	-357.3	1.8	3550	25	-17.7
>30kDa gelatin	0.6434	0.0019	-356.6	1.7	3540	25	-17.8
>30kDa gelatin	0.6472	0.0019	-352.8	1.7	3495	25	-17.6
>30kDa gelatin	0.5516	0.0018	-448.4	1.8	4780	30	-19.1
>30kDa gelatin	0.6144	0.0017	-385.6	1.7	3915	25	-19.7
XAD amino acids	0.6005	0.0017	-399.5	1.7	4095	25	-18.7
>30kDa gelatin	0.6099	0.0019	-390.1	1.9	3970	30	-19.3
>30kDa gelatin	0.5959	0.0017	-404.1	1.7	4160	25	-19.9
>30kDa gelatin	0.5880	0.0017	-412.0	1.7	4265	25	-19.1
>30kDa gelatin	0.5952	0.0017	-404.8	1.7	4170	25	-20.0

>30kDa gelatin	0.5488	0.0018	-451.2	1.8	4820	30	-19.1
..	..	..	..	..	3584	55	..
..	..	..	..	..	3540	52	..
..	..	..	..	..	3130	30	..
..	..	..	..	..	3420	30	..
..	..	..	..	..	3420	30	..
..	..	..	..	..	2760	30	..
..	..	..	..	..	2890	30	..
..	..	..	..	..	2800	30	..
..	..	..	..	..	2880	30	..
..	..	..	..	..	3440	30	..
..	..	..	..	..	3520	30	..
..	..	..	..	..	3500	30	..
..	..	..	..	..	5261	33	..
..	..	..	..	..	7355	40	..
Longin collagen ext	..	..	..	..	7090	50	..
Longin collagen ext	..	..	..	..	7330	40	..
Longin collagen ext	..	..	..	..	4430	40	..
Longin collagen ext	..	..	..	..	3725	35	..
Longin collagen ext	..	..	..	..	3720	30	..
Longin collagen ext	..	..	..	..	3735	35	..
Longin collagen ext	..	..	..	..	3840	35	..
Longin collagen ext	..	..	..	..	3605	35	..
Longin collagen ext	..	..	..	..	3815	35	..
Longin collagen ext	..	..	..	..	905	30	..
Longin collagen ext	..	..	..	..	4260	35	..

$\delta^{15}N$ (‰)	%C	%N	C:N	Cal BCE/CE (μ)	2σ low	2σ high
12.4	26.3	9.6	3.19	-1820	-1885	-1752
13.5	30.0	10.9	3.22	-1926	-2010	-1883
13.2	28.6	10.5	3.19	-1807	-1881	-1701
11.9	25.1	9.1	3.22	-1704	-1749	-1642
12.2	23.7	8.6	3.23	-1621	-1686	-1534
15.8	20.6	7.6	3.16	-1638	-1728	-1546
13.2	43.8	15.8	3.24	-1908	-1971	-1782
12.3	42.3	15.3	3.22	-1908	-1971	-1782
13.1	44.9	16.3	3.22	-1843	-1931	-1767
13.9	48.1	17.1	3.28	-1881	-1948	-1777
13.3	44.8	16.2	3.22	-1739	-1872	-1684
13.3	46.2	16.6	3.26	-1976	-2031	-1915
15.6	42.7	15.5	3.21	-1850	-1931	-1772
11.5	11.7	4.2	3.27	-1451	-1497	-1413
15.7	24.0	8.7	3.20	-1645	-1729	-1563
13.4	23.8	8.6	3.21	-1758	-1876	-1688
14.4	27.4	10.0	3.18	-1739	-1872	-1684
13.8	32.5	11.9	3.20	-1493	-1596	-1439
13.3	42.7	15.4	3.24	-1554	-1617	-1498
12.6	44.3	15.9	3.26	-1681	-1741	-1627
16.1	43.5	15.3	3.32	-1580	-1640	-1527
15.3	42.7	15.3	3.26	-1714	-1767	-1658
10.8	43.2	15.4	3.27	-1554	-1611	-1503
11.2	9.6	3.6	3.14	-2199	-2338	-2039
14.8	27.1	9.9	3.21	-2975	-3082	-2909
11.9	49.2	17.9	3.20	-1714	-1767	-1658
10.9	14.5	5.3	3.22	-1281	-1391	-1196
15.3	15.0	5.5	3.18	-1693	-1745	-1636
13.2	40.3	14.7	3.21	-1739	-1872	-1684
11.6	44.6	16.3	3.20	-1814	-1882	-1748
13.3	44.8	16.4	3.19	-1704	-1749	-1642
12.6	44.8	16.4	3.19	-1758	-1876	-1688
12.9	49.6	17.9	3.23	-1693	-1745	-1636
13.5	74.8	27.3	3.19	-1768	-1876	-1691
13.4	47.9	17.4	3.20	-1725	-1862	-1664
12.1	43.8	16.0	3.19	-1778	-1877	-1693
11.5	43.7	15.9	3.21	-1725	-1862	-1664

12.1	48.0	17.2	3.25	-1645	-1729	-1563
13.7	46.7	16.7	3.27	-1279	-1384	-1213
12.5	43.3	15.7	3.21	-2091	-2193	-2031
12.8	42.7	15.6	3.20	-1665	-1736	-1621
16.1	45.5	16.3	3.26	-1709	-1754	-1642
13.9	40.2	14.3	3.27	-1714	-1767	-1658
11.0	45.5	16.4	3.24	-1570	-1623	-1518
8.9	27.8	10.2	3.18	-961	-1011	-909
15.2	22.0	8.2	3.14	-2023	-2130	-1948
12.4	29.0	10.6	3.19	-2189	-2285	-2135
14.4	42.7	15.4	3.23	-2091	-2193	-2031
12.0	17.3	6.3	3.23	-1809	-1885	-1701
12.1	23.0	8.4	3.21	-3066	-3307	-2928
10.9	25.1	9.2	3.20	-875	-921	-831
8.6	16.7	6.1	3.21	-864	-906	-820
8.8	28.8	10.3	3.26	-811	-831	-796
8.4	27.1	9.7	3.25	-890	-971	-834
8.5	19.2	7.0	3.20	-828	-895	-801
8.2	22.9	8.2	3.24	-879	-927	-831
8.0	28.6	10.4	3.21	-824	-894	-798
9.5	27.8	10.1	3.21	-884	-968	-833
9.7	24.4	8.7	3.26	-861	-904	-817
8.7	11.4	4.1	3.22	11	-41	57
9.7	16.6	6.0	3.21	-102	-167	-46
9.6	28.2	10.1	3.27	-897	-974	-836
8.4	14.1	5.1	3.22	-875	-921	-831
12.8	48.2	17.5	3.22	-1795	-1880	-1697
9.7	47.6	16.9	3.28	-979	-1044	-922
12.7	45.5	16.1	3.29	-3572	-3636	-3521
12.3	44.1	15.7	3.27	-1261	-1379	-1196
10.8	47.7	17.2	3.24	-1568	-1618	-1513
14.7	64.4	22.9	3.28	-1528	-1610	-1454
14.3	43.6	15.4	3.29	-1638	-1728	-1546
15.5	51.0	18.3	3.25	-1565	-1615	-1509
14.9	47.1	16.8	3.28	-1568	-1618	-1513
14.1	43.2	15.3	3.29	-1519	-1609	-1450
13.6	39.2	14.1	3.25	-1481	-1527	-1439
14.9	43.4	15.9	3.20	-1693	-1745	-1636
14.6	42.1	15.3	3.20	-1687	-1743	-1631
13.5	35.8	13.0	3.21	-1554	-1611	-1503
15.3	42.6	15.1	3.29	-1692	-1746	-1630

13.5	30.7	11.3	3.18	-1026	-1111	-941
12.4	15.5	5.6	3.22	-1737	-1873	-1661
13.7	47.9	17.3	3.23	-1533	-1609	-1465
14.0	42.6	15.2	3.28	-1474	-1513	-1431
13.3	38.9	13.9	3.26	-1665	-1736	-1621
13.8	45.1	16.4	3.22	-1142	-1211	-1056
13.4	44.5	15.9	3.27	-1091	-1193	-1013
14.8	41.9	15.0	3.25	-1580	-1640	-1527
13.8	45.3	16.2	3.26	-1477	-1518	-1434
14.0	44.3	16.0	3.24	-1064	-1126	-1000
13.1	44.9	16.2	3.24	-1083	-1191	-1010
14.8	52.4	18.4	3.33	-1513	-1609	-1443
14.3	46.5	16.9	3.21	-1611	-1683	-1532
15.1	42.2	15.1	3.25	-1732	-1869	-1665
14.5	47.4	17.1	3.23	-1661	-1734	-1617
11.7	43.6	15.3	3.32	-1554	-1611	-1503
11.2	40.6	14.6	3.25	-1536	-1611	-1459
12.2	38.2	13.9	3.21	-1559	-1612	-1506
9.8	29.8	10.9	3.19	-2947	-3013	-2901
11.1	28.9	10.6	3.17	-3097	-3322	-2939
12.2	50.9	18.2	3.26	-3053	-3264	-2929
14.8	43.6	14.9	3.41	-4658	-4723	-4558
12.1	43.8	15.5	3.28	-2940	-3012	-2897
10.1	60.6	21.7	3.25	-2979	-3084	-2911
12.2	50.9	18.2	3.26	-2979	-3083	-2916
11.2	44.2	15.8	3.26	-2922	-3011	-2887
12.4	38.1	13.8	3.21	-2910	-3003	-2887
11.2	41.9	15.1	3.25	-2952	-3016	-2899
11.4	43.3	15.5	3.25	-3566	-3639	-3385
8.7	44.2	15.6	3.30	-5955	-6013	-5898
13.5	12.1	4.4	3.23	-2100	-2196	-2034
15.2	46.2	16.7	3.22	-2014	-2125	-1945
15.6	59.6	21.4	3.25	-2107	-2198	-2036
13.5	42.1	15.1	3.26	-2063	-2136	-1977
12.9	49.3	17.8	3.23	-2133	-2203	-2041
14.3	52.3	18.8	3.25	-1932	-2011	-1886
13.3	47.4	17.1	3.25	-2088	-2190	-2029
11.7	39.4	14.2	3.23	-2044	-2134	-1957
12.2	47.1	16.9	3.25	-2076	-2139	-1981
13.9	43.8	15.7	3.25	-2215	-2288	-2142
12.0	52.4	19.6	3.12	-2742	-2872	-2625

11.5	50.7	18.7	3.16	-2629	-2837	-2498
12.5	11.2	3.9	3.34	-2768	-2881	-2666
13.2	58.4	21.8	3.14	-2622	-2849	-2492
11.7	45.8	17.0	3.14	-3636	-3702	-3536
12.7	55.2	20.5	3.14	-2094	-2197	-2027
11.8	31.5	12.0	3.07	-1822	-1886	-1756
8.6	22.5	8.4	3.12	-5959	-6016	-5899
10.1	15.8	6.0	3.09	-899	-976	-832
13.6	19.3	7.6	2.95	-2076	-2139	-1981
7.2	46.5	17.1	3.17	-5974	-6056	-5894
7.6	50.5	18.5	3.18	-5798	-5887	-5724
12.3	44.4	16.5	3.14	-1843	-1931	-1767
15.8	48.8	18.3	3.11	-1617	-1691	-1528
13.9	64.4	23.1	3.26	-1715	-1861	-1639
13.9	48.8	18.3	3.11	-1794	-1881	-1695
12.2	45.3	16.7	3.16	-1565	-1620	-1506
11.7	47.2	17.5	3.15	-2369	-2465	-2286
11.0	51.5	19.0	3.16	-1530	-1611	-1453
10.1	30.8	11.5	3.13	-2895	-2915	-2878
12.5	25.1	9.6	3.06	-1787	-1879	-1694
14.2	30.2	11.5	3.07	-1803	-1886	-1695
10.7	43.3	16.0	3.15	-962	-1025	-901
12.9	50.0	17.8	3.27	-2017	-2132	-1940
13.0	38.9	13.8	3.29	-2635	-2850	-2495
10.6	48.2	17.8	3.16	-1609	-1685	-1531
14.1	19.2	7.0	3.19	-1997	-2127	-1905
14.4	53.2	19.4	3.19	-1885	-2009	-1772
13.5	49.4	18.3	3.15	-1837	-1922	-1763
11.7	51.7	18.7	3.22	-2718	-2866	-2579
11.3	49.6	17.9	3.24	-2764	-2879	-2639
11.5	49.8	17.9	3.25	-2760	-2878	-2636
15.1	47.6	17.4	3.20	-1887	-1962	-1775
15.7	46.1	16.7	3.21	-1868	-1949	-1772
13.5	48.2	17.8	3.16	-1819	-1891	-1746
11.5	32.0	11.6	3.21	-3569	-3641	-3519
12.3	41.4	15.0	3.22	-2402	-2474	-2307
14.1	31.7	11.7	3.16	-2678	-2858	-2505
12.7	46.9	17.0	3.21	-2502	-2575	-2350
12.5	50.3	18.3	3.21	-2760	-2878	-2636
13.4	33.0	12.0	3.22	-2892	-2916	-2876
8.8	45.5	16.2	3.27	-2768	-2881	-2666

12.4	45.5	16.6	3.19	-3588	-3656	-3526
..	..	..	..	-1937	-2130	-1765
..	..	..	..	-1870	-2023	-1744
..	..	..	..	-1393	-1495	-1300
..	..	..	..	-1725	-1871	-1636
..	..	..	..	-1725	-1871	-1636
..	..	..	..	-901	-992	-830
..	..	..	..	-1074	-1195	-978
..	..	..	..	-952	-1027	-848
..	..	..	..	-1060	-1192	-939
..	..	..	..	-1757	-1878	-1664
..	..	..	..	-1839	-1929	-1753
..	..	..	..	-1822	-1906	-1743
12.8	..	..	..	-4095	-4230	-3983
15.3	..	..	..	-6215	-6361	-6086
..	7.2	2.1	3.23	-5964	-6060	-5851
..	10.4	3.6	3.14	-6175	-6336	-6071
..	13.2	4.4	3.22	-3108	-3331	-2922
..	8.7	3.1	3.33	-2120	-2275	-2024
..	8.5	3.0	3.29	-2112	-2201	-2031
..	4.2	1.4	3.21	-2133	-2277	-2030
..	9.3	3.3	3.14	-2308	-2458	-2202
..	6.8	2.2	3.16	-1967	-2118	-1883
..	6.7	2.2	..	-2264	-2452	-2140
..	10.8	4	3.1	1122	1037	1207
..	12.5	4.5	3.10	-2875	-2926	-2704

Group	Analysis dataset	Language Family	State (or country if not India)	Traditional priestly status?
Kalash	17	Indo-European	Pakistan	No
Pathan	17	Indo-European	Pakistan	No
Lohana	2	Indo-European	Gujarat	No
Khatri	3	Indo-European	Punjab	No
Pandit	4	Indo-European	Jammu and Kashmir	Yes
GujaratiA	4	Indo-European	USA	No
Dogra	5	Indo-European	Jammu and Kashmir	No
Yadav_Rajasthan	3	Indo-European	Rajasthan	No
Brahmin_Haryana	2	Indo-European	Haryana	Yes
Muslim_Kashmiri	9	Indo-European	Jammu and Kashmir	No
Brahmin_Nepal	4	Indo-European	Nepal	Yes
Bhumihar_Bihar	7	Indo-European	Bihar	Yes
Rajput	3	Indo-European	Haryana	No
Brahmin_Tiwari	16	Indo-European	Chhattisgarh	Yes
Yadav_UP	3	Indo-European	Uttar Pradesh	No
Sikh_Jatt	41	Indo-European	Punjab	No
Baniya	4	Indo-European	Haryana	No
Kshatriya_Durgvanshi	4	Indo-European	Uttar Pradesh	No
Brahmin_UP	7	Indo-European	Uttar Pradesh	Yes
GujaratiB	5	Indo-European	USA	No
Bhumihar_UP	8	Indo-European	Uttar Pradesh	Yes
Shiya	7	Indo-European	Uttar Pradesh	No
Backward_Caste	5	Indo-European	Haryana	No
Havik	5	Dravidian	Karnataka	Yes
GujaratiC	5	Indo-European	USA	No
Brahmin_Karnataka	4	Dravidian	Karnataka	Yes
Brahmin_Bhatt	4	Indo-European	Uttar Pradesh	Yes
Chamar_Haryana	4	Indo-European	Haryana	No
Brahmin_Vaidik	27	Indo-European	Andhra Pradesh	Yes
Brahmin_Catholic_Go	4	Indo-European	Goa	Yes
Jain	3	Indo-European	Rajasthan	No
Oswal_Jain	4	Indo-European	Gujarat	No
Srivastava	5	Indo-European	Uttar Pradesh	No
GujaratiD	5	Indo-European	USA	No
Meena	4	Indo-European	Rajasthan	No
Patel	7	Indo-European	Gujarat	No
Agarwal	37	Indo-European	Delhi	No
Kurmi_UP	5	Indo-European	Uttar Pradesh	No
Nai	4	Indo-European	Uttar Pradesh	No
Brahmin_Catholic_Ma	4	Indo-European	Karnataka (Mangalor	Yes
Brahmin_Catholic	16	Indo-European	..	Yes
Coorghi	5	Dravidian	Karnataka	No

Chaurasia	9	Indo-European	Madhya Pradesh	No
Punjabi	8	Indo-European	Punjab	No
Jatav	5	Indo-European	Uttar Pradesh	No
Baniyas	8	Indo-European	Uttar Pradesh	No
Brahmin_Catholic_Ku	4	Indo-European	Karnataka (kumta)	Yes
Kurmi_MP	3	Indo-European	Madhya Pradesh	No
Ansari	5	Indo-European	Uttar Pradesh	No
Kanjad	8	Indo-European	Uttar Pradesh	No
Jogi	8	Indo-European	Uttar Pradesh	No
Muslim_Bihar	4	Indo-European	Bihar	No
Panta_Kapu	18	Dravidian	Andhra Pradesh	No
Malaikuarvar	7	Dravidian	Tamil Nadu	No
Narikuruvar	8	Dravidian	Tamil Nadu	No
Sindhi_MP	5	Indo-European	Madhya Pradesh	No
Hakki_Pikki	10	Dravidian	Karnataka	No
Baiswar	5	Indo-European	Uttar Pradesh	No
Lohar	2	Indo-European	Uttar Pradesh	No
Kalinga	3	Dravidian	Andhra Pradesh	No
Silawat	3	Indo-European	Madhya Pradesh	No
Dhobi	8	Indo-European	Uttar Pradesh	No
Maratha	4	Dravidian	Karnataka	No
Chamar_UP	2	Indo-European	Uttar Pradesh	No
Gaud_Karnataka	3	Dravidian	Karnataka	Yes
Lambadi	5	Dravidian	Andhra Pradesh	No
Dushadh	5	Indo-European	Uttar Pradesh	No
Lodhi	13	Indo-European	Uttar Pradesh	No
Scheduled_Caste_Har	4	Indo-European	Haryana	No
Pasi	3	Indo-European	Uttar Pradesh	No
Sah_Obc	3	Indo-European	Bihar	No
Reddy_Telangana	8	Dravidian	Telangana	No
Pal	5	Indo-European	Uttar Pradesh	No
Sonkar	5	Indo-European	Chhattisgarh	No
Lingayath_Karnataka	3	Dravidian	Karnataka	No
Kuruba	5	Dravidian	Karnataka	No
Manjhi_MP	3	Indo-European	Madhya Pradesh	No
Gaud_Telangana	4	Dravidian	Telangana	No
Ediga	3	Dravidian	Andhra Pradesh	No
Dhokkali	2	Dravidian	Andhra Pradesh	No
Yadav_Pondicherry	14	Dravidian	Pondicherry	No
Vysya	43	Dravidian	Andhra Pradesh	No
Naidu	8	Dravidian	Andhra Pradesh	No
Budagajangam	3	Dravidian	Andhra Pradesh	No
Dudhekula	4	Dravidian	Andhra Pradesh	No
Chamada	3	Dravidian	Andhra Pradesh	No
Nadar	15	Dravidian	Tamil Nadu	No
Korava	5	Dravidian	Karnataka	No
Achary	2	Dravidian	Andhra Pradesh	No
Arunthatiar2	5	Dravidian	Tamil Nadu	No
Satnami	5	Indo-European	Chhattisgarh	No
Dharikhar	3	Indo-European	Uttar Pradesh	No

Kshatriya_Aquikula	4	Dravidian	Andhra Pradesh	No
Vadde	3	Dravidian	Andhra Pradesh	No
Rathwa	5	Indo-European	Gujarat	No
Kallar	31	Dravidian	Tamil Nadu	No
Bestha	5	Dravidian	Andhra Pradesh	No
Pattapu_Kapu	5	Dravidian	Andhra Pradesh	No
Yerukali	7	Dravidian	Telangana	No
Muthuraja	3	Dravidian	Tamil Nadu	No
Hallaki	9	Dravidian	Karnataka	No
Paravar	8	Dravidian	Tamil Nadu	No
Vishwabrahmin	13	Indo-European	Uttar Pradesh	Yes
Bhil	8	Indo-European	Gujarat	No
Oddari	4	Dravidian	Telangana	No
Scheduled_Caste_Kar	5	Dravidian	Karnataka	No
Bhilala	3	Indo-European	Madhya Pradesh	No
Gamit	3	Indo-European	Gujarat	No
Meddari	4	Dravidian	Andhra Pradesh	No
Mahadeo_Koli	5	Indo-European	Maharashtra	No
Chaudhary	4	Indo-European	Gujarat	No
Garasia	4	Indo-European	Gujarat	No
Lingayath_TN	4	Dravidian	Tamil Nadu	No
Barela	3	Indo-European	Madhya Pradesh	No
Tadvi	3	Indo-European	Gujarat	No
Kunabi	5	Dravidian	Karnataka	No
Koli	4	Indo-European	Gujarat	No
Madiga	3	Dravidian	Andhra Pradesh	No
Sugali	4	Dravidian	Andhra Pradesh	No
Indumalayali	5	Dravidian	Tamil Nadu	No
Mala	13	Dravidian	Andhra Pradesh	No
Kotwalia	5	Indo-European	Gujarat	No
Changpa	2	Tibeto-Burman	Jammu and Kashmir	No
Chakkiliyan	27	Dravidian	Tamil Nadu	No
Kathodi	5	Indo-European	Gujarat	No
Gugavellalar	4	Dravidian	Tamil Nadu	No
Arunthatiar1	16	Dravidian	Tamil Nadu	No
Warli	3	Indo-European	Maharashtra	No
Yanidi	4	Dravidian	Andhra Pradesh	No
Kolcha	5	Indo-European	Gujarat	No
Kumhar	31	Indo-European	Uttar Pradesh	No
Kurumans	5	Dravidian	Kerala	No
Kurchas	4	Dravidian	Kerala	No
Adi_Dravider	10	Dravidian	Tamil Nadu	No
Irula	17	Dravidian	Tamil Nadu	No
Malayan	5	Dravidian	Kerala	No
Adiyan	3	Dravidian	Kerala	No
Ulladan	20	Dravidian	Kerala	No
Palliyar	41	Dravidian	Tamil Nadu	No
Pulliyar	45	Dravidian	Tamil Nadu	No
Asur	12	Austroasiatic	Jharkhand	No
Bhumij_Jharkhand	4	Austroasiatic	Jharkhand	No

Bhumij_Orissa	8	Austroasiatic	Orissa	No
Birhor	4	Austroasiatic	Jharkhand	No
Bondo	2	Austroasiatic	Orissa	No
Didayi	3	Austroasiatic	Orissa	No
Ho_Orissa	22	Austroasiatic	Orissa	No
Juang	26	Austroasiatic	Orissa	No
Kharia	15	Austroasiatic	Chhattisgarh	No
Korku	2	Austroasiatic	Madhya Pradesh	No
Mawasi	4	Austroasiatic	Madhya Pradesh	No
Munda	3	Austroasiatic	Jharkhand	No
Sahariya_MP	8	Austroasiatic	Madhya Pradesh	No
Sahariya_UP	2	Austroasiatic	Uttar Pradesh	No
Santhal	8	Austroasiatic	Jharkhand	No
Batudi	7	Austroasiatic	Orissa	No
Hojo	3	Austroasiatic	Jharkhand	No
Mohali	19	Austroasiatic	Orissa	No
Bharia	8	Dravidian	Madhya Pradesh	No
Gond_Chattisgarh	5	Dravidian	Chhattisgarh	No
Gond_MP	16	Dravidian	Madhya Pradesh	No
Kandha	6	Dravidian	Orissa	No
Konda_Kamara	2	Dravidian	Andhra Pradesh near	No
Kondakamari	17	Dravidian	Andhra Pradesh near	No
Kondh_TN	5	Dravidian	Tamil Nadu	No
Oraon	11	Dravidian	Jharkhand	No
Parhaiya	5	Dravidian	Jharkhand	No
Porja	3	Dravidian	Andhra Pradesh	No
Koya	9	Dravidian	Andhra Pradesh	No
Baiga	3	Indo-European	Madhya Pradesh	No
Bhunjiya	5	Indo-European	Chhattisgarh	No
Gorait	9	Indo-European	Jharkhand	No
Halba	5	Indo-European	Chhattisgarh	No
Kanwar	4	Indo-European	Chhattisgarh	No
Khairwar	7	Indo-European	Chhattisgarh	No
Kol	5	Indo-European	Madhya Pradesh	No
Lohra	5	Indo-European	Jharkhand	No
Manjhi_Jharkhand	5	Indo-European	Jharkhand	No
Mohli	5	Indo-European	Jharkhand	No
Panika_Jharkhand	4	Indo-European	Jharkhand	No
Gond_Raj	2	Indo-European	Madhya Pradesh	No
Khasi	2	Austroasiatic	Meghalaya	No
Kusunda	10	Linguistic Isolate	Nepal	No
Magar	27	Tibeto-Burman	Nepal	No
Nagaseema	3	Tibeto-Burman	Nagaland	No
Nyshi	5	Tibeto-Burman	Arunachal Pradesh	No
Poumainaga	3	Tibeto-Burman	Manipur	No
Rajbanshi	17	Tibeto-Burman	West Bengal	No
Sherpa	3	Tibeto-Burman	West Bengal	No
Burmese	10	Tibeto-Burman	Myanmar	No
Chakehshanega	3	Tibeto-Burman	Nagaland	No
Gadaba	1	Austroasiatic	Andhra Pradesh	No

Gounder	1	Dravidian	Tamil Nadu	No
Gowli	1	Indo-European	Karnataka	No
Ho_Jharkhand	1	Austroasiatic	Jharkhand	No
Kissan	1	Dravidian	Orissa	No
Kondh_AP	1	Dravidian	Andhra Pradesh	No
Malmi	1	Dravidian	Lakshwadeep	No
Mudaliar	1	Dravidian	Tamil Nadu	No
Tamta	1	Indo-European	Uttarakhand	No
Agamudayar	1	Dravidian	Tamil Nadu	No
Devendrakulathan	1	Dravidian	Tamil Nadu	No
DevendrakulathanPall	1	Dravidian	Tamil Nadu	No
Kamsali	1	Dravidian	Andhra Pradesh	No
Padmashali	1	Dravidian	Telangana	No
Sonr	1	Indo-European	Madhya Pradesh	No
Syed	1	Indo-European	Andhra Pradesh	No
Relli	2	Dravidian	Andhra Pradesh	No
Dawoodi	2	Indo-European	Gujarat	No
Sch_caste_TN	4	Dravidian	Tamil Nadu	No
Muslim_Karnataka	6	Dravidian	Karnataka Near Mang	No
Gujjar	4	Indo-European	Jammu and Kashmir	No
Kamboj	31	Indo-European	Haryana	No
Sindhi_Pakistan	14	Indo-European	Punjab	No
Muthuliar	4	Dravidian	Tamil Nadu	No
Balochi	20	Indo-European	Pakistan	No
Brahui	21	Dravidian	Pakistan	No
Burusho	23	Linguistic Isolate	Pakistan	No
Jew_AP	3	Dravidian	Andhra Pradesh	No
Jew_Cochin	15	Dravidian	Kerala	No
Nicobarese	3	Austroasiatic	Andaman and Nicoba	No
Siddi_Gujarat	4	Indo-European	Gujarat	No
Siddi_Karnataka	3	Dravidian	Karnataka	No
Shia_Iranian_Hyderab	4	Indo-European	Iran	No
Onge	16	Linguistic Isolate	Andaman and Nicoba	No
Hazara	14	Indo-European	Pakistan	No
Makrani	20	Indo-European	Pakistan	No
Muslim_Jat	4	Indo-European	Gujarat	No
Bengali	7	Indo-European	Bangladesh	No
Bink	3	Indo-European	Uttarakhand	No
Brahmin_Uttrakhand	6	Indo-European	Uttarakhand	Yes
Chauhan	4	Indo-European	Chhattisgarh	No
Chipi	4	Indo-European	Uttar Pradesh	No
Ghasia	4	Indo-European	Chhattisgarh	No
Minero	18	Indo-European	Jammu and Kashmir	No
Newar	6	Tibeto-Burman	Nepal	No
Panika_MP	5	Indo-European	Madhya Pradesh	No
Scheduled_Caste_Utt	4	Indo-European	Uttarakhand	No
Shah	4	Indo-European	Uttarakhand	No
Shani_Sc	3	Indo-European	Bihar	No
Syon	3	Indo-European	Uttarakhand	No
Tanti	2	Indo-European	Jharkhand	No

Thakur	10	Indo-European	Uttarakhand	No
Tharu_UP	3	Indo-European	Uttar Pradesh	No
Tharu_Uttrakhand	4	Indo-European	Uttarakhand	No
Wan	3	Indo-European	Uttarakhand	No

Town	Latitude	Longitude	Genetic cluster assigment	PCA [We compute axes using project, take group m axes so the Cline is p X-Coordinate
Pakistan	35.99	71.50	Cline	0.015224
Pakistan	33.49	70.50	Cline	0.013779
Porbandhar	21.64	69.63	Cline	0.011749
Amritsar	31.77	74.78	Cline	0.012857
Upper Shivnagar	32.93	75.14	Cline	0.010941
Migrants collected in	23.20	72.70	Cline	0.011089
Kashmir Valley	34.17	74.75	Cline	0.010695
Jaipur	26.91	75.79	Cline	0.009967
Yamuna Nagar	30.13	77.27	Cline	0.009758
Pulwama	33.88	74.93	Cline	0.009363
Kathmandu	27.70	85.33	Cline	0.009219
Muzaffarpur	24.99	84.81	Cline	0.009254
Rohtak	28.89	76.58	Cline	0.008774
Raigarh	21.90	83.40	Cline	0.00883
Chandauli	25.18	83.29	Cline	0.009028
Bhatinda	30.21	74.95	Cline	0.009033
Kurukshetra	30.08	76.99	Cline	0.008216
Tahirpur	25.25	84.04	Cline	0.008047
Jaunpur	25.58	83.58	Cline	0.008219
migrants collected in	23.20	72.70	Cline	0.008051
Jaunur	25.58	83.58	Cline	0.008645
Jaunpur	25.75	82.70	Cline	0.007445
Kurukshetra	30.08	76.99	Cline	0.006662
Uttara Kannada	14.79	74.69	Cline	0.006789
migrants collected in	23.20	72.70	Cline	0.006073
Mangalore	12.91	74.86	Cline	0.006483
Ghazipur	25.58	83.58	Cline	0.006012
Kurapur Gaura	26.14	81.39	Cline	0.006056
Vijayawada	16.51	80.65	Cline	0.006165
Goa	15.30	74.12	Cline	0.005699
Bhilwara	25.39	74.63	Cline	0.004957
Ahmedabad	23.02	72.57	Cline	0.005532
Gyanpur	25.75	85.70	Cline	0.0049
migrants collected in	23.20	72.70	Cline	0.004721
Jhunjhunu	28.13	75.40	Cline	0.004827
Mahelav	22.54	72.25	Cline	0.004532
Delhi	28.70	77.10	Cline	0.004774
Budaun	29.29	77.48	Cline	0.004784
Jaunpur	25.75	82.70	Cline	0.004693
Mangalore	12.91	74.86	Cline	0.004793
..	..	..	Cline	0.004634
Bangalore	12.85	77.59	Cline	0.004276

Satna	24.60	80.83	Cline	0.00438
migrants collected in	31.50	74.30	Cline	0.004407
Budaun	29.29	77.48	Cline	0.003648
Jainur	28.46	77.82	Cline	0.003966
Kumta	14.43	74.42	Cline	0.00447
..	22.97	78.66	Cline	0.004643
Chandauli	25.18	83.29	Cline	0.004086
Fatehpur Chaorasi	26.80	80.27	Cline	0.003586
Anupshahar	28.35	78.27	Cline	0.004277
Muzaffarpur	26.12	85.36	Cline	0.003539
Rajahmundry	17.00	81.80	Cline	0.003787
Theni	9.93	77.47	Cline	0.002149
Kanchipuram	12.83	79.70	Cline	0.002183
Ujjain	23.18	75.78	Cline	0.003094
Angadihalli (Belur tal	13.16	75.86	Cline	0.002793
Allahabad	25.44	81.85	Cline	0.003423
Mirzapur	25.15	82.56	Cline	0.003274
Srikakulam	18.30	83.90	Cline	0.003466
Bhopal	23.40	77.37	Cline	0.003019
Jaunur	25.75	82.70	Cline	0.00302
Haveri	14.79	75.40	Cline	0.002871
Jaunpur	25.75	82.70	Cline	0.002711
Mangalore	12.91	74.86	Cline	0.002513
Mahabubnagar	16.76	77.99	Cline	0.002262
Allahabad	25.44	81.85	Cline	0.002573
Jhansi	25.45	78.62	Cline	0.002048
Yamuna Nagar	30.13	77.27	Cline	0.002233
Barabanki	26.94	81.19	Cline	0.001916
Muzaffarpur	26.12	85.36	Cline	0.001827
Hyderabad	17.39	78.49	Cline	0.002334
Mustafabad	29.48	77.75	Cline	0.001708
Damotipura (Damoh	23.84	79.44	Cline	0.001787
Mangalore	12.91	74.86	Cline	0.002423
Haveri	14.79	75.40	Cline	0.002262
Hoshangabaad	22.74	77.74	Cline	0.002107
Hyderabad	17.39	78.49	Cline	0.000893
Warangal	17.97	79.59	Cline	0.001663
Anantapur	14.67	77.59	Cline	0.001328
Bahour	11.81	79.75	Cline	0.00174
Pidugurella	16.49	79.89	Cline	0.000946
Machilipatnam	16.17	81.13	Cline	0.001478
Kurnol	15.65	77.75	Cline	0.001707
Thiruttani	13.18	79.61	Cline	0.001996
Nellore	14.44	79.99	Cline	0.001736
Tirunelveli	8.71	77.76	Cline	0.000798
Dharwad	15.46	75.01	Cline	0.000948
Mahabubnagar	16.76	77.99	Cline	0.000613
Krishnagiri	12.59	78.25	Cline	0.001063
Bilaspur	22.08	82.14	Cline	0.000221
Jaunur	25.75	82.70	Cline	0.000007

Machilipatnam	16.17	81.13	Cline	0.000644
Anantpur	14.68	77.60	Cline	0.000857
Chhota Udepur	22.31	74.01	Cline	0.000463
Thiruvarur	10.46	79.38	Cline	0.000708
Nellore	14.44	79.99	Cline	0.000598
Nellore	14.44	79.99	Cline	0.000607
Warangal	18.01	79.59	Cline	-0.000195
Kullithalai	11.15	78.36	Cline	0.000321
Kumta	14.43	74.42	Cline	0.00035
Rameshwaram	9.29	79.31	Cline	-0.000004
Guntur	16.30	80.48	Cline	-0.000096
Tapi	21.28	73.61	Cline	-0.000288
Warangal	18.01	79.59	Cline	-0.000093
Mangalore	12.91	74.86	Cline	-0.00043
Bhansia, Kankariya	23.86	76.49	Cline	0.000215
Varjakhan	21.33	73.30	Cline	-0.000903
Anantapur	14.67	77.59	Cline	-0.000485
Sinnar	19.85	74.00	Cline	-0.000789
Padam Dungari	20.84	73.41	Cline	-0.00044
Sabarkatha	23.85	72.99	Cline	-0.000452
Burgur Hills	11.81	77.54	Cline	-0.000741
Bilkisganj	23.11	77.24	Cline	-0.002108
Chhota Udepur	22.31	74.01	Cline	-0.000426
Joida	15.17	74.49	Cline	-0.001031
Rajkot	22.30	70.80	Cline	-0.00167
Vizayanagaram	18.28	83.37	Cline	-0.001588
Anantpur	14.68	77.60	Cline	-0.00166
Villupuram	12.19	79.57	Cline	-0.001165
Vizayanagaram	18.28	83.37	Cline	-0.001651
Valsad	20.60	72.93	Cline	-0.001496
Ladakh	34.00	78.00	Cline	-0.001536
Thiruvarur	10.86	79.63	Cline	-0.002073
Surat	21.17	72.83	Cline	-0.002613
Mettur	11.79	77.80	Cline	-0.002564
Krishnagiri	12.59	78.25	Cline	-0.002578
Mumbai	19.15	72.90	Cline	-0.003317
Nellore	14.44	79.99	Cline	-0.002139
Umarpada	21.45	73.48	Cline	-0.00306
Varanasi	25.32	82.97	Cline	-0.00233
Wayanad	11.69	76.13	Cline	-0.002524
Valad, Wayanad	11.79	75.91	Cline	-0.003301
Erode	11.20	77.43	Cline	-0.002037
Nilgiri Mountain	13.50	80.00	Cline	-0.005365
Trichur	10.53	76.21	Cline	-0.005654
Wayanad	11.69	76.13	Cline	-0.007743
Trichur	10.53	76.21	Cline	-0.006151
Rajapalayam	11.25	79.55	Cline	-0.006972
..	11.02	76.98	Cline	-0.005159
lohardaga	23.43	84.68	Austroasiatic_Relate	-0.008088
Gangidih	22.62	85.92	Austroasiatic_Relate	-0.007665

Salboni (Mayurbhanj		22.01		86.42	Austroasiatic_Relate	-0.00811
Hazaribagh		24.00		85.37	Austroasiatic_Relate	-0.007497
Bondo Hill		19.04		82.55	Austroasiatic_Relate	-0.008404
Kuduma		21.76		86.02	Austroasiatic_Relate	-0.008437
Salboni (Mayurbhanj		22.01		86.42	Austroasiatic_Relate	-0.008182
Keonjhar		21.63		85.58	Austroasiatic_Relate	-0.009606
Jashpur Nagar		22.89		84.14	Austroasiatic_Relate	-0.008365
Amla, Betul		21.91		78.13	Austroasiatic_Relate	-0.006671
Sindhuli (Sihora Distr		23.02		79.83	Austroasiatic_Relate	-0.006729
Ranchi		23.34		85.31	Austroasiatic_Relate	-0.00751
..		25.43		77.65	Austroasiatic_Relate	-0.004499
Chambal		22.49		75.56	Austroasiatic_Relate	-0.004766
Ghatshila		22.59		86.47	Austroasiatic_Relate	-0.008147
Ganjam		19.59		84.69	Austroasiatic_Relate	-0.008035
Rachi		23.61		85.28	Austroasiatic_Relate	-0.007628
Talcher		20.95		85.22	Austroasiatic_Relate	-0.006297
Sindhuli (Sihora Distr		23.02		79.83	Austroasiatic_Relate	-0.007532
Bastar		19.20		81.93	Austroasiatic_Relate	-0.007666
Bhansia, Kankariya		23.86		76.49	Austroasiatic_Relate	-0.004732
Rayagada		19.17		83.42	Austroasiatic_Relate	-0.008653
Visakhapatnam		17.69		83.22	Austroasiatic_Relate	-0.007187
Visakhapatnam		17.69		83.22	Austroasiatic_Relate	-0.006654
Puttur		12.28		75.21	Austroasiatic_Relate	-0.008172
Rachi		23.34		85.31	Austroasiatic_Relate	-0.006811
Latehar		23.76		84.35	Austroasiatic_Relate	-0.007569
Anantapur		14.67		77.59	Austroasiatic_Relate	-0.008824
Khammam		17.25		80.15	Austroasiatic_Relate	-0.007806
Balaghat		21.86		80.37	Austroasiatic_Relate	-0.008
Bilaspur		22.08		82.14	Austroasiatic_Relate	-0.007763
Ranchi		23.34		85.31	Austroasiatic_Relate	-0.004555
Raipur		14.79		74.69	Austroasiatic_Relate	-0.005545
Bilaspur		22.08		82.14	Austroasiatic_Relate	-0.007782
Mungeli		22.07		81.68	Austroasiatic_Relate	-0.007557
Manikpur, Dindori		23.00		81.80	Austroasiatic_Relate	-0.004263
Ranchi		23.34		85.31	Austroasiatic_Relate	-0.006311
Radhanagar		23.76		86.26	Austroasiatic_Relate	-0.00675
Bokaro		23.67		86.15	Austroasiatic_Relate	-0.005343
Saraidhela		23.81		87.44	Austroasiatic_Relate	-0.003421
Rewa		24.54		81.30	Austroasiatic_Relate	-0.003599
Senapati, South Garo		25.28		94.03	East_Asian_Related	-0.003586
Khadre, Dang		28.07		82.54	East_Asian_Related	-0.002389
Tanahun		27.40		86.20	East_Asian_Related	-0.000161
Kohima		25.67		94.11	East_Asian_Related	-0.002399
Itanagar		27.08		93.61	East_Asian_Related	-0.002142
Manipur		24.66		93.91	East_Asian_Related	-0.002668
Kolkatta		22.57		88.36	East_Asian_Related	-0.001876
Singel		27.20		88.15	East_Asian_Related	-0.00183
..	..		..		East_Asian_Related	-0.002714
Kohima		25.67		94.11	East_Asian_Related	-0.002977
Vizayanagaram		18.28		83.37	None (1 individual)	n/a

Tiruppur	11.11	77.34	None (1 individual)	n/a
Hoshalli	14.12	75.72	None (1 individual)	n/a
Bokaro	23.67	86.15	None (1 individual)	n/a
Rourkela	22.26	84.85	None (1 individual)	n/a
Vizayanagaram	18.28	83.37	None (1 individual)	n/a
Amini Island	11.11	72.72	None (1 individual)	n/a
..	12.10	79.80	None (1 individual)	n/a
Nainital	29.38	79.46	None (1 individual)	n/a
Villupuram	11.94	79.49	None (1 individual)	n/a
Coimbatore	11.02	76.96	None (1 individual)	n/a
Coimbatore	11.02	76.96	None (1 individual)	n/a
Kurnool	15.49	78.02	None (1 individual)	n/a
Dilsuknagar	17.37	78.52	None (1 individual)	n/a
Bhopal	23.26	77.41	None (1 individual)	n/a
Hyderabad	17.39	78.49	None (1 individual)	n/a
Vizayanagaram	18.28	83.37	None (2 individuals c	n/a
Vododara	22.31	73.18	None (t_4-statistic evi	n/a
..	11.02	76.98	None (t_4-statistic evi	n/a
Mangalore	12.91	74.86	None (t_4-statistic evi	n/a
Pulwama	33.88	74.93	None (t_4-statistic evi	n/a
Yamuna Nagar	30.13	77.27	None (t_4-statistic evi	n/a
Punjab	24.27	68.70	None (t_4-statistic evi	n/a
..	12.10	79.80	None (t_4-statistic evi	n/a
Pakistan	30.50	66.50	None (known atypica	n/a
Pakistan	30.50	66.50	None (known atypica	n/a
Pakistan	36.50	74.00	None (known atypica	n/a
Guntur	16.39	80.01	None (known atypica	n/a
Cochin	9.97	76.28	None (known atypica	n/a
Andaman	11.74	92.66	None (known atypica	n/a
Jambur	21.03	70.61	None (known atypica	n/a
Dandeli	15.27	74.62	None (known atypica	n/a
Hyderabad	17.39	78.49	None (known atypica	n/a
Andaman	10.75	92.50	None (used in PCA pr	n/a
Pakistan	33.50	70.00	Other	0.009055
Pakistan	33.49	70.50	Other	0.016131
Kutch	23.73	69.86	Other	0.013339
Dhaka	23.70	90.40	Other	0.001247
Garhwal	30.29	78.52	Other	0.006267
Nainital	29.38	79.46	Other	0.008261
Sarangarh	21.59	83.07	Other	-0.002258
Bareilley	28.37	79.43	Other	-0.000627
Sonbhadra	24.46	82.99	Other	-0.002761
Ladakh	34.00	78.00	Other	0.006915
Kathmandu	27.70	85.33	Other	0.001042
Datia	22.94	81.91	Other	-0.003333
Nainital	29.38	79.46	Other	0.002674
Nainital	29.38	79.46	Other	0.004415
Muzaffarpur	26.12	85.36	Other	0.001375
Garhwal	30.29	78.52	Other	0.003876
Ranchi	23.34	85.31	Other	-0.001987

Nainital	29.38	79.46	Other	0.004698
Bahraich	27.58	81.60	Other	0.002804
Nainital	29.38	79.46	Other	-0.000848
Garhwal	30.29	78.52	Other	0.002959

A1 g (Han, French, Onge), eans, and rotate the arallel to the X-axis) **Y-Coordinate**	**PCA2** (Indian Cline groups only - correlated to PCA1 X-coordinate but more noisy)	**Admixture Date using ALDER for Indian Cline groups with at least 5 samples** **Dates (± std. err.) (in generations)**	**Dates (95% confidence interval) (in years, BCE)**	***qpAdm* P-value**
-0.005442	-0.0594	161 ± 33	2562 BCE (4436-688 BCE)	0.1309
-0.006575	-0.044441	70 ± 8	1 CE (420 BCE - 423 CE)	-
-0.006915	-0.0414	..	..	0.0517
-0.004916	-0.040767	..	..	0.0004
-0.004557	-0.03585	..	..	0.0276
-0.00667	-0.0352	..	..	0.3449
-0.004501	-0.03454	128 ± 21	1642 BCE (2834-451 BCE)	0.0028
-0.006455	-0.0324	..	..	0.0765
-0.006426	-0.03215	..	..	0.4269
-0.004503	-0.029933	108 ± 34	1071 BCE (2989 BCE - 738	0.0001
-0.004313	-0.028925	..	..	0.0006
-0.006382	-0.0285	95 ± 16	714 BCE (1612 BCE - 200 CE)	0.0514
-0.005711	-0.027733	..	..	0.0177
-0.006187	-0.027281	105 ± 9	984 BCE (1467-501 BCE)	0.2150
-0.006397	-0.027067	..	..	0.2081
-0.006061	-0.026966	58 ± 7	320 CE (74 BCE - 715 CE)	0.0128
-0.006271	-0.026625	..	..	0.0073
-0.005489	-0.026525	..	..	0.1710
-0.006185	-0.0261	87 ± 11	488 BCE (1077 BCE - 130 CE)	0.2591
-0.006625	-0.02556	100 ± 28	839 BCE (2415 BCE - 607 CE)	0.0670
-0.005549	-0.02405	91 ± 18	609 BCE (1630 BCE - 499 CE)	0.0174
-0.0054	-0.0203	62 ± 13	227 CE (521 BCE - 976 CE)	0.0010
-0.005419	-0.0203	113 ± 15	1227 BCE (2055-399 BCE)	0.6548
-0.006063	-0.0197	120 ± 23	1406 BCE (2702-109 BCE)	0.1454
-0.006109	-0.01906	130 ± 20	1680 BCE (2822-537 BCE)	0.2437
-0.006553	-0.018175	..	..	0.2536
-0.005593	-0.017025	..	..	0.1714
-0.005335	-0.0167	..	..	0.1852
-0.005715	-0.01667	106 ± 7	1015 BCE (1394-636 BCE)	0.0012
-0.006051	-0.015275	..	..	0.0186
-0.005449	-0.014833	..	..	0.1246
-0.006331	-0.014625	..	..	0.0068
-0.005234	-0.01446	113 ± 23	1217 BCE (2502 BCE - 101	0.1271
-0.005279	-0.01414	86 ± 30	470 BCE (2144 BCE - 1337	0.1639
-0.00556	-0.01395	..	..	0.1763
-0.005992	-0.013943	101 ± 19	890 BCE (1980 BCE - 211 CE)	0.0325
-0.005636	-0.013922	117 ± 6	1338 BCE (1677-999 BCE)	0.1442
-0.005065	-0.01386	106 ± 18	1016 BCE (2029-4 BCE)	0.1278
-0.005606	-0.013175	..	..	0.0216
-0.005181	-0.0125	..	..	0.0135
-0.005513	-0.012044	113 ± 10	1200 BCE (1786-614 BCE)	0.0016
-0.006577	-0.01198	113 ± 23	1218 BCE (2480 BCE - 69 CE)	0.0050

-0.005186	-0.011711	120 ± 19	1405 BCE (2464-347 BCE)	0.1129
-0.00545	-0.011688	49 ± 18	570 CE (451 BCE - 1591 CE)	0.2853
-0.005504	-0.01148	115 ± 32	1273 BCE (3045 BCE - 663	0.4202
-0.005775	-0.011437	92 ± 16	627 BCE (1544 BCE - 297 CE)	0.0186
-0.005829	-0.011	..	..	0.0255
-0.00451	-0.010967	..	..	0.0056
-0.004627	-0.01086	93 ± 28	641 BCE (2225 BCE - 529 CE)	0.2245
-0.005613	-0.009963	106 ± 15	1027 BCE (1859-195 BCE)	0.4653
-0.004086	-0.009525	93 ± 15	653 BCE (1475 BCE - 183 CE)	0.3087
-0.004277	-0.0092	..	..	0.1577
-0.005617	-0.009194	122 ± 12	1453 BCE (2140-765 BCE)	0.0000
-0.006098	-0.008943	80 ± 10	290 BCE (862 BCE - 289 CE)	0.2040
-0.005598	-0.00815	72 ± 13	73 BCE (781 BCE - 423 CE)	0.5866
-0.005362	-0.0081	91 ± 15	610 BCE (1448 BCE - 281 CE)	0.0323
-0.004866	-0.0081	83 ± 14	381 BCE (1143 BCE - 398 CE)	0.0843
-0.004387	-0.00804	120 ± 18	1419 BCE (2408-429 BCE)	0.3690
-0.006435	-0.00785	..	..	0.0138
-0.005153	-0.007333	..	..	0.1194
-0.005526	-0.007333	..	..	0.3162
-0.004758	-0.0071	101 ± 11	875 BCE (1483-268 BCE)	0.6310
-0.006067	-0.007025	..	..	0.1065
-0.003193	-0.00635	..	..	0.0750
-0.00587	-0.005767	..	..	0.0001
-0.005819	-0.00568	93 ± 22	652 BCE (1911 BCE - 943 CE)	0.1476
-0.004433	-0.0056	92 ± 15	621 BCE (1454 BCE - 228 CE)	0.1191
-0.005291	-0.005323	104 ± 9	958 BCE (1486-429 BCE)	0.2666
-0.005777	-0.00515	..	..	0.3477
-0.005722	-0.005033	..	..	0.0307
-0.005304	-0.0046	..	..	0.2743
-0.005771	-0.004225	104 ± 12	974 BCE (1655-294 BCE)	0.0481
-0.006035	-0.00378	109 ± 31	1093 BCE (2848 BCE - 848	0.4587
-0.004532	-0.00342	96 ± 18	734 BCE (1764 BCE - 314 CE)	0.1962
-0.005676	-0.003333	..	..	0.0203
-0.00564	-0.00292	131 ± 18	1726 BCE (2736-716 BCE)	0.0362
-0.00362	-0.002533	..	..	0.0470
-0.006338	-0.0022	..	..	0.0653
-0.005782	-0.0013	..	..	0.0079
-0.005745	-0.001	..	..	0.0473
-0.005767	-0.000836	112 ± 16	1189 BCE (2070-308 BCE)	0.0007
-0.005699	-0.000663	152 ± 7	2310 BCE (2682-1937 BCE)	0.0318
-0.005275	-0.000612	109 ± 18	1093 BCE (2097-88 BCE)	0.0150
-0.005543	-0.000233	..	..	0.0143
-0.003843	-0.000125	..	..	0.0213
-0.004365	0.000667	..	..	0.0126
-0.005738	0.00078	112 ± 8	1178 BCE (1621-736 BCE)	0.0001
-0.006081	0.0011	91 ± 8	596 BCE (1064-129 BCE)	0.0077
-0.006171	0.00115	..	..	0.4012
-0.005356	0.0013	103 ± 15	920 BCE (1737-104 BCE)	0.0470
-0.004445	0.0013	93 ± 19	643 BCE (1683 BCE - 412 CE)	0.1163
-0.00492	0.0022	..	..	0.4933

-0.004483	0.002275	..	..	0.1972
-0.005082	0.003367	..	..	0.1977
-0.004454	0.00338	90 ± 20	569 BCE (1668 BCE - 1205	0.1440
-0.005741	0.003494	112 ± 9	1181 BCE (1677-685 BCE)	0.1272
-0.005437	0.00366	120 ± 18	1414 BCE (2438-391 BCE)	0.3383
-0.00533	0.00398	103 ± 17	947 BCE (1917 BCE - 45 CE)	0.0018
-0.006479	0.004029	102 ± 16	909 BCE (1780-38 BCE)	0.0511
-0.005485	0.004367	..	..	0.0390
-0.005003	0.005067	114 ± 17	1234 BCE (2164-303 BCE)	0.0544
-0.005082	0.005088	101 ± 12	873 BCE (1538-208 BCE)	0.0015
-0.004868	0.005531	105 ± 13	987 BCE (1734-241 BCE)	0.1342
-0.005344	0.005712	67 ± 9	70 CE (427 BCE - 567 CE)	0.0871
-0.005121	0.006075	..	..	0.5664
-0.005439	0.00614	96 ± 13	726 BCE (1471 BCE - 23 CE)	0.0506
-0.004576	0.006233	..	..	0.1501
-0.004429	0.007333	..	..	0.0643
-0.00501	0.0074	..	..	0.4583
-0.004769	0.00758	98 ± 17	808 BCE (1745 BCE - 168 CE)	0.0866
-0.00492	0.00765	..	..	0.1748
-0.004887	0.0077	..	..	0.2277
-0.005357	0.008525	..	..	0.5949
-0.006249	0.0089	..	..	0.9949
-0.004592	0.009667	..	..	0.0517
-0.00476	0.0105	55 ± 25	414 CE (975 BCE - 1803 CE)	0.3655
-0.004866	0.010525	..	..	0.1285
-0.005131	0.0106	..	..	0.2414
-0.00434	0.01145	..	..	0.7586
-0.005073	0.01164	85 ± 15	442 BCE (1296 BCE - 412 CE)	0.2960
-0.004557	0.012015	117 ± 9	1323 BCE (1817-829 BCE)	0.0956
-0.004394	0.01302	79 ± 18	275 BCE (1310 BCE - 636 CE)	0.0770
-0.004988	0.01385	..	..	0.2477
-0.004934	0.0147	129 ± 6	1651 BCE (1984-1319 BCE)	0.0484
-0.005335	0.01536	81 ± 29	310 BCE (1957 BCE - 761 CE)	0.0022
-0.005147	0.015375	..	..	0.8473
-0.004881	0.015925	109 ± 13	1099 BCE (1820-378 BCE)	0.3558
-0.00479	0.016033	..	..	0.1635
-0.005302	0.016475	..	..	0.3875
-0.005201	0.01726	109 ± 25	1100 BCE (2514 BCE - 382	0.2429
-0.005842	0.019465	112 ± 10	1191 BCE (1724-658 BCE)	0.0259
-0.005021	0.02012	109 ± 17	1101 BCE (2041-162 BCE)	0.1379
-0.006064	0.023525	..	..	0.0739
-0.004962	0.02592	132 ± 11	1756 BCE (2382-1131 BCE)	0.0019
-0.004727	0.036159	99 ± 11	834 BCE (1444-224 BCE)	0.2489
-0.00525	0.03662	129 ± 13	1659 BCE (2405-912 BCE)	0.2649
-0.005825	0.0394	..	..	0.0130
-0.004991	0.05243	134 ± 23	1788 BCE (3096-480 BCE)	0.2386
-0.004843	0.070002	107 ± 11	1044 BCE (1672-417 BCE)	0.0337
-0.004908	0.078658	93 ± 9	643 BCE (1161-126 BCE)	0.5141
0.005612	n/a	n/a	n/a	n/a
0.004629	n/a	n/a	n/a	n/a

0.006652	n/a	n/a	n/a	n/a
0.004014	n/a	n/a	n/a	n/a
0.012622	n/a	n/a	n/a	n/a
0.009678	n/a	n/a	n/a	n/a
0.006706	n/a	n/a	n/a	n/a
0.011476	n/a	n/a	n/a	n/a
0.007907	n/a	n/a	n/a	n/a
0.005223	n/a	n/a	n/a	n/a
0.006676	n/a	n/a	n/a	n/a
0.008173	n/a	n/a	n/a	n/a
0.003303	n/a	n/a	n/a	n/a
0.001984	n/a	n/a	n/a	n/a
0.00512	n/a	n/a	n/a	n/a
0.007163	n/a	n/a	n/a	n/a
0.007338	n/a	n/a	n/a	n/a
0.002102	n/a	n/a	n/a	n/a
0.00554	n/a	n/a	n/a	n/a
0.000534	n/a	n/a	n/a	n/a
-0.000107	n/a	n/a	n/a	n/a
0.009879	n/a	n/a	n/a	n/a
0.006429	n/a	n/a	n/a	n/a
0.004544	n/a	n/a	n/a	n/a
0.010194	n/a	n/a	n/a	n/a
0.003393	n/a	n/a	n/a	n/a
0.001671	n/a	n/a	n/a	n/a
0.009572	n/a	n/a	n/a	n/a
0.003393	n/a	n/a	n/a	n/a
0.006667	n/a	n/a	n/a	n/a
0.00532	n/a	n/a	n/a	n/a
0.002046	n/a	n/a	n/a	n/a
-0.000276	n/a	n/a	n/a	n/a
0.008206	n/a	n/a	n/a	n/a
0.003829	n/a	n/a	n/a	n/a
0.003777	n/a	n/a	n/a	n/a
0.003434	n/a	n/a	n/a	n/a
0.004302	n/a	n/a	n/a	n/a
0.002014	n/a	n/a	n/a	n/a
-0.000307	n/a	n/a	n/a	n/a
-0.000609	n/a	n/a	n/a	n/a
0.036197	n/a	n/a	n/a	n/a
0.034674	n/a	n/a	n/a	n/a
0.031172	n/a	n/a	n/a	n/a
0.06052	n/a	n/a	n/a	n/a
0.058134	n/a	n/a	n/a	n/a
0.060877	n/a	n/a	n/a	n/a
0.027485	n/a	n/a	n/a	n/a
0.048729	n/a	n/a	n/a	n/a
0.045415	n/a	n/a	n/a	n/a
0.058685	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a

n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a
0.024744	n/a	n/a	n/a	n/a
-0.009232	n/a	n/a	n/a	n/a
-0.008265	n/a	n/a	n/a	n/a
-0.000637	n/a	n/a	n/a	n/a
0.0063	n/a	n/a	n/a	n/a
-0.001807	n/a	n/a	n/a	n/a
-0.000383	n/a	n/a	n/a	n/a
0.00048	n/a	n/a	n/a	n/a
-0.000216	n/a	n/a	n/a	n/a
0.011315	n/a	n/a	n/a	n/a
0.026313	n/a	n/a	n/a	n/a
-0.001847	n/a	n/a	n/a	n/a
-0.001025	n/a	n/a	n/a	n/a
0.008917	n/a	n/a	n/a	n/a
-0.002398	n/a	n/a	n/a	n/a
0.010321	n/a	n/a	n/a	n/a
-0.002082	n/a	n/a	n/a	n/a

0.010843	n/a	n/a	n/a	n/a
0.009217	n/a	n/a	n/a	n/a
0.021678	n/a	n/a	n/a	n/a
0.015135	n/a	n/a	n/a	n/a

Basic qpAdm						Maximum A Posterior Estimates from the Hierarchical Model		
Steppe_ MLBA-related	Indus_ Diaspora-related	Onge (AASI)-related	Steppe_ MLBA-related std. err.	Indus_ Diaspora-related std. err.	Onge-related std. err.	Steppe_ MLBA-related	Indus_ Diaspora-related	Onge (AASI)-related
0.288	0.683	0.028	0.017	0.027	0.015	0.289	0.679	0.032
0.282	0.659	0.060	0.015	0.024	0.014	0.280	0.658	0.062
0.252	0.643	0.104	0.024	0.038	0.021	0.251	0.640	0.109
0.271	0.598	0.131	0.021	0.032	0.018	0.261	0.610	0.129
0.218	0.633	0.149	0.018	0.029	0.017	0.219	0.627	0.154
0.245	0.639	0.116	0.018	0.029	0.017	0.245	0.636	0.119
0.224	0.608	0.168	0.017	0.027	0.016	0.222	0.608	0.170
0.226	0.616	0.158	0.020	0.031	0.018	0.224	0.615	0.161
0.246	0.572	0.182	0.022	0.034	0.020	0.235	0.586	0.179
0.195	0.609	0.196	0.015	0.025	0.015	0.196	0.605	0.199
0.251	0.511	0.239	0.018	0.029	0.016	0.234	0.536	0.230
0.266	0.527	0.207	0.015	0.024	0.013	0.254	0.545	0.201
0.212	0.584	0.203	0.019	0.030	0.018	0.209	0.588	0.203
0.259	0.515	0.226	0.013	0.020	0.012	0.250	0.530	0.220
0.213	0.614	0.173	0.020	0.031	0.018	0.213	0.611	0.176
0.248	0.541	0.211	0.012	0.018	0.011	0.242	0.550	0.208
0.176	0.630	0.194	0.018	0.030	0.018	0.182	0.617	0.201
0.227	0.527	0.247	0.017	0.026	0.015	0.216	0.542	0.242
0.257	0.502	0.241	0.014	0.023	0.013	0.244	0.522	0.234
0.215	0.571	0.214	0.017	0.027	0.016	0.210	0.577	0.213
0.234	0.532	0.234	0.015	0.023	0.013	0.225	0.545	0.230
0.170	0.584	0.246	0.016	0.026	0.015	0.171	0.581	0.248
0.208	0.523	0.269	0.016	0.025	0.014	0.200	0.535	0.265
0.172	0.589	0.239	0.018	0.028	0.016	0.173	0.585	0.242
0.159	0.594	0.247	0.017	0.028	0.016	0.162	0.587	0.251
0.188	0.574	0.238	0.017	0.026	0.015	0.186	0.575	0.239
0.189	0.515	0.297	0.017	0.028	0.016	0.180	0.528	0.292
0.196	0.509	0.296	0.017	0.026	0.016	0.186	0.523	0.291
0.152	0.595	0.253	0.014	0.022	0.013	0.155	0.589	0.256
0.183	0.531	0.285	0.017	0.027	0.016	0.178	0.540	0.282
0.141	0.558	0.300	0.019	0.030	0.017	0.143	0.555	0.302
0.151	0.578	0.272	0.018	0.028	0.017	0.152	0.573	0.275
0.162	0.527	0.311	0.016	0.026	0.015	0.158	0.533	0.309
0.110	0.608	0.283	0.017	0.027	0.016	0.119	0.591	0.290
0.145	0.570	0.285	0.018	0.028	0.016	0.148	0.565	0.287
0.113	0.614	0.273	0.016	0.025	0.015	0.122	0.598	0.280
0.137	0.569	0.294	0.013	0.020	0.012	0.138	0.566	0.296
0.155	0.539	0.307	0.017	0.026	0.015	0.152	0.542	0.306
0.167	0.514	0.319	0.018	0.028	0.016	0.161	0.524	0.315
0.128	0.580	0.292	0.018	0.029	0.017	0.133	0.570	0.297
0.128	0.577	0.295	0.014	0.022	0.013	0.131	0.571	0.298
0.080	0.669	0.251	0.018	0.029	0.017	0.101	0.632	0.267

0.160	0.508	0.332	0.014	0.023	0.013	0.155	0.516	0.329
0.150	0.529	0.322	0.015	0.024	0.013	0.147	0.532	0.321
0.159	0.502	0.339	0.017	0.026	0.015	0.153	0.512	0.335
0.154	0.522	0.325	0.016	0.026	0.015	0.149	0.528	0.323
0.128	0.576	0.296	0.018	0.028	0.016	0.132	0.568	0.300
0.144	0.532	0.324	0.019	0.030	0.017	0.142	0.535	0.323
0.149	0.500	0.351	0.016	0.025	0.014	0.143	0.509	0.348
0.158	0.494	0.348	0.015	0.023	0.014	0.151	0.504	0.345
0.141	0.518	0.341	0.015	0.025	0.015	0.139	0.522	0.339
0.133	0.502	0.365	0.017	0.027	0.017	0.129	0.509	0.362
0.049	0.681	0.270	0.015	0.025	0.015	0.070	0.645	0.285
0.082	0.577	0.341	0.019	0.030	0.017	0.092	0.560	0.348
0.095	0.550	0.355	0.018	0.028	0.017	0.100	0.542	0.358
0.133	0.512	0.356	0.016	0.026	0.015	0.130	0.516	0.354
0.106	0.524	0.370	0.017	0.028	0.017	0.107	0.523	0.370
0.135	0.504	0.361	0.017	0.027	0.016	0.131	0.511	0.358
0.114	0.571	0.316	0.022	0.035	0.020	0.120	0.558	0.322
0.120	0.534	0.346	0.019	0.031	0.018	0.120	0.533	0.347
0.113	0.546	0.342	0.018	0.029	0.018	0.115	0.541	0.344
0.134	0.499	0.367	0.015	0.024	0.014	0.130	0.505	0.365
0.106	0.568	0.325	0.017	0.027	0.016	0.113	0.558	0.329
0.182	0.375	0.443	0.022	0.034	0.020	0.150	0.428	0.422
0.057	0.626	0.317	0.021	0.034	0.019	0.079	0.588	0.333
0.121	0.518	0.360	0.016	0.026	0.015	0.121	0.520	0.359
0.125	0.492	0.383	0.017	0.027	0.015	0.121	0.499	0.380
0.107	0.522	0.371	0.014	0.021	0.012	0.108	0.521	0.371
0.134	0.489	0.377	0.018	0.028	0.016	0.128	0.499	0.373
0.149	0.443	0.408	0.019	0.031	0.018	0.134	0.468	0.398
0.140	0.451	0.409	0.019	0.030	0.018	0.127	0.472	0.401
0.071	0.602	0.327	0.016	0.026	0.015	0.083	0.582	0.335
0.106	0.525	0.369	0.017	0.026	0.015	0.107	0.523	0.370
0.083	0.541	0.376	0.019	0.028	0.016	0.089	0.532	0.379
0.098	0.563	0.340	0.019	0.031	0.018	0.104	0.551	0.345
0.108	0.533	0.359	0.017	0.027	0.016	0.110	0.530	0.360
0.113	0.467	0.420	0.018	0.029	0.017	0.106	0.479	0.415
0.058	0.577	0.365	0.018	0.029	0.017	0.071	0.556	0.373
0.071	0.562	0.367	0.019	0.031	0.018	0.081	0.545	0.374
0.064	0.571	0.366	0.022	0.036	0.022	0.078	0.546	0.376
0.048	0.607	0.344	0.016	0.025	0.015	0.064	0.583	0.353
0.031	0.609	0.361	0.015	0.024	0.014	0.044	0.585	0.371
0.053	0.591	0.356	0.016	0.025	0.015	0.065	0.571	0.364
0.092	0.511	0.397	0.020	0.032	0.018	0.093	0.510	0.397
0.057	0.562	0.381	0.018	0.029	0.017	0.067	0.545	0.388
0.037	0.590	0.373	0.020	0.032	0.018	0.055	0.560	0.385
0.039	0.595	0.366	0.015	0.025	0.015	0.052	0.573	0.375
0.069	0.560	0.371	0.018	0.028	0.017	0.078	0.545	0.377
0.046	0.602	0.351	0.022	0.035	0.021	0.069	0.566	0.365
0.059	0.567	0.374	0.018	0.027	0.016	0.070	0.550	0.380
0.101	0.452	0.446	0.016	0.024	0.014	0.096	0.462	0.442
0.086	0.492	0.422	0.020	0.032	0.019	0.086	0.494	0.420

0.054	0.549	0.397	0.018	0.029	0.018	0.063	0.534	0.403
0.090	0.490	0.421	0.020	0.032	0.019	0.088	0.493	0.419
0.114	0.445	0.441	0.016	0.025	0.015	0.107	0.458	0.435
0.035	0.605	0.360	0.015	0.023	0.013	0.048	0.583	0.369
0.044	0.580	0.376	0.019	0.029	0.016	0.059	0.556	0.385
0.042	0.570	0.388	0.019	0.032	0.018	0.057	0.545	0.398
0.045	0.565	0.390	0.017	0.027	0.016	0.056	0.547	0.397
0.025	0.587	0.387	0.020	0.032	0.019	0.046	0.555	0.399
0.080	0.495	0.425	0.015	0.024	0.013	0.080	0.495	0.425
0.058	0.519	0.423	0.016	0.026	0.015	0.063	0.512	0.425
0.049	0.525	0.425	0.014	0.023	0.013	0.055	0.517	0.428
0.080	0.483	0.437	0.015	0.024	0.014	0.079	0.485	0.436
0.067	0.506	0.427	0.019	0.030	0.017	0.070	0.502	0.428
0.064	0.497	0.439	0.017	0.026	0.015	0.067	0.494	0.439
0.090	0.458	0.452	0.019	0.030	0.017	0.085	0.468	0.447
0.083	0.452	0.465	0.018	0.029	0.017	0.078	0.462	0.460
0.069	0.490	0.441	0.020	0.030	0.017	0.071	0.489	0.440
0.080	0.460	0.460	0.017	0.026	0.015	0.076	0.467	0.457
0.078	0.473	0.449	0.017	0.027	0.017	0.077	0.477	0.446
0.110	0.426	0.465	0.017	0.026	0.015	0.099	0.443	0.458
0.038	0.550	0.413	0.018	0.030	0.018	0.049	0.531	0.420
0.073	0.454	0.473	0.021	0.034	0.020	0.068	0.464	0.468
0.091	0.439	0.470	0.019	0.029	0.018	0.084	0.453	0.463
0.081	0.452	0.467	0.017	0.027	0.016	0.076	0.461	0.463
0.101	0.396	0.503	0.018	0.028	0.016	0.088	0.419	0.493
0.046	0.505	0.449	0.019	0.031	0.018	0.052	0.497	0.451
0.036	0.489	0.475	0.018	0.029	0.017	0.041	0.483	0.476
0.023	0.547	0.431	0.017	0.027	0.016	0.034	0.528	0.438
0.055	0.460	0.484	0.014	0.023	0.013	0.056	0.462	0.482
0.081	0.424	0.495	0.018	0.028	0.016	0.073	0.439	0.488
0.043	0.496	0.461	0.022	0.035	0.021	0.049	0.489	0.462
0.051	0.461	0.488	0.014	0.021	0.012	0.050	0.463	0.487
0.077	0.409	0.514	0.018	0.029	0.017	0.068	0.427	0.505
0.045	0.460	0.495	0.018	0.028	0.016	0.045	0.462	0.493
0.030	0.478	0.492	0.015	0.024	0.013	0.032	0.475	0.493
0.057	0.400	0.542	0.019	0.029	0.017	0.049	0.417	0.534
0.032	0.498	0.470	0.018	0.028	0.016	0.038	0.490	0.472
0.082	0.379	0.539	0.017	0.026	0.015	0.071	0.400	0.529
0.060	0.461	0.479	0.015	0.023	0.013	0.059	0.464	0.477
0.050	0.453	0.497	0.018	0.029	0.017	0.049	0.457	0.494
0.060	0.419	0.520	0.019	0.030	0.017	0.054	0.433	0.513
0.024	0.487	0.489	0.016	0.025	0.014	0.029	0.481	0.490
0.025	0.401	0.573	0.016	0.024	0.014	0.023	0.409	0.568
0.037	0.371	0.592	0.018	0.028	0.016	0.028	0.389	0.583
0.040	0.297	0.663	0.020	0.031	0.017	0.019	0.335	0.646
0.024	0.357	0.619	0.019	0.030	0.017	0.014	0.378	0.608
0.023	0.330	0.647	0.016	0.024	0.014	0.012	0.350	0.638
0.040	0.375	0.585	0.015	0.024	0.014	0.033	0.389	0.578
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Z-score for fit in the hierarchical model (positive implies more Steppe_MLBA-related ancestry than expected, negative more Indus_Diaspora-related)
-0.3
0.1
0.1
1.3
-0.5
-0.1
0.2
0.1
1.3
-0.5
3
3.5
0.5
4.3
-0.1
3.4
-1.2
2.3
4.1
0.9
2.6
-0.4
2.2
-0.4
-0.8
0.3
1.7
2.1
-1.3
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-0.2
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-4.1

1.6
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-1.6
-1.7
-3.7
-4.4
-3.2
-0.2
-2
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