

ESM2: 19,171 full control region haplotypes grouped into discernable control region haplogroup clusters (CR-HGs)

Samples that were assigned to different haplogroups are split equally into the respective CR-HGs.

CR-HG	number of samples
CR-L	0
CR-L0	1
CR-L0a	17
CR-L0a1'4	13,5
CR-L0a1a	72
CR-L0a1b	44,5
CR-L0a1c	5
CR-L0a1d	13
CR-L0a2	60
CR-L0a3	0
CR-L0a4	0
CR-L0f	22
CR-L0k	0
CR-L0k1	35
CR-L0k2	0
CR-L0d	80
CR-L1'2'3'4'5'6	0
CR-L1b	338
CR-L1b2	13
CR-L1c	13
CR-L1c1	110
CR-L1c2	97
CR-L1c3	121
CR-L1c4	12
CR-L1c5	0
CR-L5	11
CR-L2'3'4'6	0
CR-L2	1
CR-L2a	5
CR-L2a1'2'3'4	38
CR-L2a1	485
CR-L2a1a1	33
CR-L2a1a2	56,5
CR-L2a1a3	29,8
CR-L2a1g	0
CR-L2a1d	5
CR-L2a1i	32,5
CR-L2a1k	0
CR-L2a1l	43,2
CR-L2a2'3'4	9
CR-L2b'c	0
CR-L2b	65
CR-L2b1	71
CR-L2c	49
CR-L2c1	11
CR-L2c2	65
CR-L2c3	28
CR-L2d	28
CR-L2e	23
CR-L6	2
CR-L3'4	0

CR-L4	20
CR-L4b2	51
CR-L3	13
CR-L3a	7,5
CR-L3b	210,2
CR-L3b2	39
CR-L3b3	6,3
CR-L3f	20
CR-L3f1b	204,5
CR-L3f2	10,5
CR-L3d	180,5
CR-L3d2	26,5
CR-L3d4	26,5
CR-L3e1	86,5
CR-L3e1a	39
CR-L3e1a1	22
CR-L3e1b	23
CR-L3e1d	10
CR-L3e2	23
CR-L3e2a1	91
CR-L3e2b	180
CR-L3e3	81
CR-L3e4	27
CR-L3e5	28
CR-L3i2	6
CR-L3k	5
CR-L3x	14
CR-L3h1	37
CR-L3h2	10
CR-M	391,4
CR-M1	29
CR-M1a1	62
CR-M1a3	11
CR-M1b1	5
CR-M1b2	8
CR-M2	7
CR-M20	16
CR-M3	60
CR-M4	15
CR-M65	10
CR-M67	0
CR-M18'38	8
CR-M30	44
CR-M45	0
CR-M63	0
CR-M64	0
CR-M66	0
CR-M5	43,2
CR-M6	7
CR-M7a	26,5
CR-M7b	38
CR-M7b1	87,5
CR-M7b2	26,5
CR-M7b4	18
CR-M7b3	6
CR-M7c	35

CR-M7c1b	5
CR-M7c3b	13
CR-M7c3c	79
CR-M7g	0
CR-M7e	10
CR-M7f	0
CR-M8	27
CR-CZ	0
CR-C	214,5
CR-C1	80
CR-C1a	4
CR-C1b	181,2
CR-C1b2	37
CR-C1b4	29
CR-C1b8	5,5
CR-C1b10	12,5
CR-C1b11	20,8
CR-C1c1	22
CR-C1c3	0
CR-C1c4	6,5
CR-C1c5	12
CR-C1c6	10,5
CR-C1c7	5
CR-C1d	87
CR-C1e	0
CR-C4a2'3'4	32
CR-C4b1	16,5
CR-C4b2	0
CR-C4b3	10
CR-C4c2	30
CR-C5	10
CR-C5a	17
CR-C5b1	15
CR-Z	34
CR-M9a'b	23
CR-E	18,3
CR-E1a1a	67
CR-E1a2	8
CR-E2	15
CR-M10	26
CR-M11	5
CR-M12	18
CR-G1a1	22,9
CR-G1a2'3	5
CR-G2a	61
CR-G2c	0
CR-G3	11
CR-G4	0
CR-M13a	5
CR-M46	0
CR-M14	0
CR-M15	0
CR-M19	0
CR-M53	0
CR-M21a	5
CR-M21c	0

CR-M23	5
CR-M24	0
CR-M26	0
CR-M27a	0
CR-M27b	0
CR-M27c	0
CR-M28	0
CR-M29	0
CR-Q	48
CR-M31a1	0
CR-M31a2	0
CR-M31b'c	0
CR-M32	4
CR-M56	0
CR-M35c	0
CR-M70	0
CR-M62	0
CR-M74	15
CR-M44	0
CR-M47	0
CR-M48	0
CR-M50	0
CR-M52	0
CR-M58	0
CR-M60b	0
CR-M71	24
CR-M72	0
CR-M76	4
CR-M80	0
CR-D1	108
CR-D1f	23
CR-D1g	26,5
CR-D1h	22
CR-D1i	12
CR-D1j	0
CR-D4a	63
CR-D4b1	37,7
CR-D4b2d	0
CR-D4c	32
CR-D4d	0
CR-D4e1a	11
CR-D2	10
CR-D4g1	15
CR-D4g2	11
CR-D4h3	16
CR-D4i	15
CR-D4k	4
CR-D4o	11
CR-D4l	13
CR-D4q	6
CR-D4t	0
CR-D5	57,5
CR-D5b	46
CR-D5c	13
CR-D6	7
CR-N	50

CR-N1a	19
CR-N1a1	12
CR-N1a2	0
CR-N1a3	0
CR-I	92
CR-I1	57
CR-I2'3	35
CR-I3	18
CR-N1b	73
CR-N1b1	5
CR-N1b2	25
CR-W	166
CR-W4	30
CR-W6	44
CR-W7	0
CR-N3	0
CR-N9a	14,5
CR-N9a1'3	13
CR-N9a2'4'5	21
CR-N9a6	9,5
CR-N9a7	0
CR-Y	0
CR-Y1	23
CR-Y2	14
CR-N10	15
CR-N11b	0
CR-N13	0
CR-N21	7
CR-N22	6
CR-A	25
CR-A4	75
CR-A2	723,2
CR-A2e	12,3
CR-A2g	30,3
CR-A2h	52
CR-A2i	25,5
CR-A2p	43,2
CR-A2q	42,3
CR-A2u	19
CR-A2v	23,8
CR-A2ab	4
CR-A2ac	15
CR-A2ad	4
CR-A2ae	7,3
CR-A2af	0
CR-A2s	0
CR-A2z	18
CR-A7	0
CR-A11	10
CR-A5a	16
CR-A5b1	0
CR-A8	22
CR-A10	0
CR-O	0
CR-S1	0
CR-S3	0

CR-S4	0
CR-S5	0
CR-X	9
CR-X1	15
CR-X2	91
CR-X2a	18
CR-X2j	0
CR-X2b1	36
CR-X2d	18
CR-X2c	33
CR-X2e1	11
CR-X2e2	0
CR-X2i	0
CR-X2m'n	0
CR-X2m	0
CR-X2n	0
CR-X4	5
CR-R	155,2
CR-R0	2183
CR-R0a	78
CR-R0a1a	37
CR-R0a2c	18
CR-R0a2f1	0
CR-R0a2i	6
CR-R0a2k1	0
CR-R0a4	0
CR-R0b	0
CR-HV0	316
CR-HV0a1	8
CR-V5	0
CR-V7	23
CR-V9	6
CR-V18	0
CR-V19	0
CR-V21	0
CR-HV0b	9
CR-HV1	61
CR-HV2	13
CR-HV4a	50,2
CR-HV6	17
CR-HV15	0
CR-HV12a	8
CR-HV13	15
CR-H1a	42
CR-H1a1	53
CR-H1a3	49
CR-H1a6	4
CR-H1b	110
CR-H1k	4
CR-H1c	96
CR-H1c1	41
CR-H1c3	13
CR-H1o	4
CR-H1x	0
CR-H1af	6
CR-H1ar	0

CR-H1au	0
CR-H1ba	4
CR-H1bs	4
CR-H1bz	0
CR-H2a1	75
CR-H2a2b	35
CR-H2a3	9
CR-H3a	10
CR-H3b1	4
CR-H3c2	16
CR-H3c3	0
CR-H3h4	0
CR-H3n	0
CR-H3v	5
CR-H3w	0
CR-H3x	0
CR-H3z	4
CR-H3af	0
CR-H3ak	0
CR-H3am	0
CR-H3an	0
CR-H3av	0
CR-H4b1	0
CR-H5'36	6
CR-H5	288
CR-H5a3	12
CR-H5a4	6
CR-H5a5	0
CR-H5b1	5
CR-H5b2	0
CR-H5b4	0
CR-H5e	0
CR-H5n	0
CR-H5r	0
CR-H5s	5
CR-H5u	0
CR-H36	7
CR-H6	154
CR-H6a1a6	0
CR-H6a1a7	0
CR-H6a1a8	0
CR-H6a1b3	9
CR-H6a1b4	5
CR-H6b	14
CR-H6c1	0
CR-H7a1	34
CR-H7a2	0
CR-H7c1	10
CR-H7d2	0
CR-H7f	0
CR-H7h	4
CR-H8	18
CR-H8a	0
CR-H31a	0
CR-H11	37
CR-H11a	35

CR-H11a1	17
CR-H11a3	0
CR-H11a4	0
CR-H10a1	16,5
CR-H10d	0
CR-H10g	0
CR-H14a	25
CR-H14b2	0
CR-H15	51
CR-H27	41,5
CR-H20	25
CR-H21	0
CR-H24	20
CR-H28	12
CR-H39	16
CR-H57	0
CR-H74	0
CR-H77	0
CR-H82	6
CR-R1	7
CR-R2	29
CR-J	5
CR-J1	19
CR-J1b	96
CR-J1b1a	80
CR-J1b1b	23
CR-J1b7	0
CR-J1c	251
CR-J1c1	57
CR-J1c2	143
CR-J1c13	0
CR-J1c16	0
CR-J1d	39
CR-J2a	34
CR-J2a1a	10
CR-J2a1a1	57
CR-J2a1a2	0
CR-J2a2a	19
CR-J2a2c	0
CR-J2b	21
CR-J2b1a	49
CR-J2b1h	0
CR-T	31
CR-T1	11,5
CR-T1a	222
CR-T1a1'3	16
CR-T1a4	0
CR-T1a11	0
CR-T1a12	0
CR-T1a13	0
CR-T1a7	0
CR-T1a9	0
CR-T1b	13
CR-T2	197,5
CR-T2a1b	34
CR-T2b	309

CR-T2c1	16
CR-T2d1a	0
CR-T2d1b	0
CR-T2e	38
CR-T2e1	17
CR-T2e5	0
CR-T2e6	0
CR-T2f1	15
CR-T2i	0
CR-T2j	0
CR-T2k	0
CR-R5	19
CR-R7	0
CR-R8b	0
CR-R9	14
CR-R9b1	32
CR-R9b2	11
CR-R9c	54
CR-R9c1	27
CR-F1a'c'f	8
CR-F1a	81
CR-F1a1	46
CR-F1a1a	73
CR-F1a1d	20
CR-F1a4a	43
CR-F1a2	5,5
CR-F1a3a	32,5
CR-F1b	58
CR-F1b1a	8
CR-F1e1a	0
CR-F1e2	0
CR-F2a	12
CR-F2b1	0
CR-F2c2	0
CR-F2d	4
CR-F3	0
CR-F3a	25
CR-F3b	7
CR-F4a	5
CR-R11	7
CR-R11b1	0
CR-B4	169,5
CR-B4a1a1a	67
CR-B4a1c3	7
CR-B4a2a	0
CR-B4g	19
CR-B4h	0
CR-B4b	399
CR-B2a	84,5
CR-B2g	22
CR-B2i1	0
CR-B2k	0
CR-B4b1	55
CR-B4b1a1	16
CR-B4b1b'c	11
CR-B4e	0

CR-B4c1b	51
CR-B4c1b1	0
CR-B4c1c	11
CR-B4c2	20
CR-B4f	0
CR-B5	0
CR-B5a	106
CR-B5b	55
CR-R24	4
CR-R12'21	0
CR-R23	0
CR-R30b	4
CR-R31b	0
CR-P1	5
CR-P2	0
CR-P10	0
CR-P8	0
CR-P3	0
CR-P4a	0
CR-P4b	0
CR-P5	0
CR-P6	0
CR-P7	0
CR-P9	2
CR-U1	0
CR-U1a'c	62
CR-U1b	18
CR-U5	0
CR-U5a	25
CR-U5a1	207
CR-U5a1b1	57
CR-U5a1b3	5
CR-U5a1c	11
CR-U5a1h	6
CR-U5a2	47
CR-U5a2a	29
CR-U5a2e	9
CR-U5b	161
CR-U5b1b1a	21
CR-U5b1b1b	11
CR-U5b1c1	4
CR-U5b1c2	7
CR-U5b1e1	4
CR-U5b1h	0
CR-U5b1f	0
CR-U5b1i	0
CR-U5b2a1	37
CR-U5b2a2	23
CR-U5b2b1b	0
CR-U5b2c2b	0
CR-U5b3	9
CR-U6	13
CR-U6a	75
CR-U6b1	5
CR-U6d1	0
CR-U2	21

CR-U2a	11
CR-U2b	31
CR-U2c'd	8
CR-U2e	12
CR-U2e1	108
CR-U3	74
CR-U3a	50
CR-U3a2	8
CR-U3b3	10
CR-U4'9	1
CR-U4	142
CR-U4a1	43
CR-U4a2	58
CR-U4a3	8
CR-U4b2	5
CR-U4b3	5
CR-U4c2a	0
CR-U9a	9
CR-U7	103
CR-U7a	19
CR-U7b1	0
CR-U8a	24
CR-U8b1	23
CR-K	168,8
CR-K1a	292,7
CR-K1a1b1a	53,5
CR-K1a1b2b	0
CR-K1a4a1a2	8
CR-K1a4a1b2	0
CR-K1a4a1g	0
CR-K1a4b	10
CR-K1a7	4
CR-K1a8	7,5
CR-K1a9	16
CR-K1a10	5
CR-K1a11	29
CR-K1a17	0
CR-K1a20	0
CR-K1a27	0
CR-K1b1a	25
CR-K1b1c	10
CR-K1b2	28
CR-K1c	74
CR-K1c1e	0
CR-K1c2	22
CR-K1e	0
CR-K2a5	13
CR-K2a8	11
CR-K2b1a	5
CR-K2c	0
CR-K3	1