Table S1: Mitochondrial DNA Control Region haplotypes and SNP 3010 in 160 individuals from São Paulo Metropolitan area, Brazil.

|  |  |  |  |
| --- | --- | --- | --- |
| ***Sample*** | ***HG*** | **Control Region Haplotypes**  | **SNP 3010** |
| ***BR-SP002*** | ***C1d*** | 73G | 152C | 189G | 194T | 249DEL | 263G | 290DEL | 291DEL | 309.1C | 315.1C | 489C | 523DEL | 524DEL | G |
|  |  | 16051G | 16093C | 16223T | 16298C | 16325C | 16327T | 16519C |   |   |   |   |   |   |
| ***BR-SP004*** | ***HV\**** | 152C | 263G | 315.1C | 523DEL | 524DEL | 16221T | 16519C |   |   |   |   |   |   | A |
| ***BR-SP007*** | ***L3e1a*** | 73G | 150T | 189G | 200G | 263G | 309.1C | 315.1C | 16185T | 16223T | 16327T | 16519C |   |   | G |
| ***BR-SP008*** | ***X1*** | 73G | 146C | 153G | 256T | 263G | 315.1C | 16182C | 16183C | 16189C | 16223T | 16278T | 16519C |   | G |
| ***BR-SP009*** | ***J2*** | 73G | 150T | 152C | 263G | 295T | 315.1C | 489C | 16069T | 16126C | 16193T | 16278T |   |   | G |
| ***BR-SP010*** | ***U3a*** | 73G | 150T | 263G | 315.1C | 16343G | 16356C | 16390A | 16519C |   |   |   |   |   | A |
| ***BR-SP011*** | ***B4b*** | 73G | 263G | 315.1C | 499A | 16126C | 16183C | 16189C | 16217C | 16372C | 16519C |   |   |   | G |
| ***BR-SP015*** | ***K2a*** | 73G | 146C | 152C | 263G | 315.1C | 16224C | 16311C | 16519C |   |   |   |   |   | G |
| ***BR-SP016*** | ***M\**** | 73G | 263G | 309.1C | 315.1C | 489C | 16192T | 16519C |   |   |   |   |   |   | G |
| ***BR-SP017*** | ***H3a*** | 152C | 263G | 309.1C | 315.1C | 16239G | 16256T | 16519C |   |   |   |   |   |   | G |
| ***BR-SP018*** | ***L3e2b*** | 73G | 150T | 195C | 263G | 309.1C | 315.1C | 16172C | 16183C | 16189C | 16193.1C | 16223T | 16320T |   | G |
|  |  | 16519C |   |   |   |   |   |   |   |   |   |   |   |   |
| ***BR-SP019*** | ***L1c*** | 73G | 151T | 152C | 182T | 186A | 189C | 195C | 198T | 204C | 247A | 263G | 297G | 309.1C | G |
|  |  | 315.1C | 316A | 459DEL | 16037G | 16187T | 16189C | 16223T | 16271C | 16274A | 16278T | 16291T | 16294T | 16311C |
|  |  | 16360T | 16519C |  |  |   |   |   |   |   |   |   |   |   |
| ***BR-SP020*** | ***L1b*** | 73G | 152C | 182T | 185T | 195C | 228A | 247A | 263G | 315.1C | 523DEL | 524DEL | 16114G | 16126C | G |
|  |  | 16187T | 16189C | 16223T | 16264T | 16270T | 16274A | 16278T | 16293G | 16311C | 16519C |   |   |   |
| ***BR-SP021*** | ***L3e2b*** | 73G | 150T | 152C | 195C | 263G | 315.1C | 16172C | 16183C | 16189C | 16223T | 16239T | 16320T | 16519C | G |
| ***BR-SP022*** | ***C1b*** | 71A | 73G | 249DEL | 263G | 290DEL | 291DEL | 309.1C | 315.1C | 489C | 493G | 523DEL | 524DEL | 16126C | G |
|  |  | 16223T | 16270T | 16298C | 16325C | 16327T | 16438A |   |   |   |   |   |   |   |
| ***BR-SP023*** | ***B4b*** | 73G | 103A | 152C | 263G | 309.1C | 315.1C | 499A | 16183C | 16189C | 16217C | 16241G | 16519C |   | G |
| ***BR-SP024*** | ***L0a*** | 64T | 93G | 152C | 189G | 204C | 207A | 236C | 247A | 263G | 309.1C | 315.1C | 523DEL | 524DEL | G |
|  |  | 16148T | 16172C | 16187T | 16188G | 16189C | 16223T | 16230G | 16311C | 16320T | 16519C |   |   |   |
| ***BR-SP026*** | ***L2b*** | 73G | 150T | 152C | 182T | 195C | 198T | 204C | 263G | 309.1C | 315.1C | 418T | 523DEL | 524DEL | G |
|  |  | 16114A | 16129A | 16213A | 16223T | 16278T | 16325C | 16355T | 16390A |  |   |   |   |   |
| ***BR-SP027*** | ***A2*** | 59C | 64T | 73G | 146C | 152C | 153G | 204C | 235G | 263G | 297G | 309.1C | 315.1C | 523DEL | G |
|  |  | 524DEL | 16126C | 16223T | 16278T | 16290T | 16319A | 16362C |   |   |   |   |   |   |
| ***BR-SP028*** | ***L3e1*** | 73G | 150T | 189G | 200G | 263G | 309.1C | 315.1C | 16223T | 16327T |   |   |   |   | G |
| ***BR-SP029*** | ***B4b*** | 73G | 263G | 309.1C | 315.1C | 499A | 16158G | 16183C | 16189C | 16193.1C | 16217C | 16394T | 16519C |   | G |
| ***BR-SP030*** | ***L2a1*** | 73G | 143A | 146C | 152C | 195C | 198T | 263G | 315.1C | 16187T | 16189C | 16192T | 16223T | 16278T | G |
|  |  | 16294T | 16368C | 16390A |  |   |   |   |   |   |   |   |   |   |
| ***BR-SP032*** | ***L2a1*** | 73G | 143A | 146C | 152C | 189G | 195C | 263G | 315.1C | 447T | 16129A | 16189C | 16192T | 16223T | G |
|  |  | 16278T | 16294T | 16309G | 16390A |   |   |   |   |   |   |   |   |   |
| ***BR-SP034*** | ***A2*** | 73G | 146C | 153G | 235G | 263G | 309.1C | 315.1C | 523DEL | 524DEL | 16111T | 16126C | 16223T | 16259T | G |
|  |  | 16290T | 16319A | 16362C | 16390A |  |   |   |   |   |   |   |   |   |
| ***BR-SP035*** | ***H*** | 263G | 309.1C | 315.1C | 16311C |   |   |   |   |   |   |   |   |   | G |
| ***BR-SP036*** | ***B2*** | 73G | 263G | 306DEL | 307DEL | 308DEL | 309DEL | 315.1C | 499A | 16173T | 16182C | 16183C | 16189C | 16217C | G |
|  |  | 16223T | 16357C | 16519C |  |   |   |   |   |   |   |   |   |   |
| ***BR-SP037*** | ***L3f1*** | 73G | 150T | 189G | 200G | 263G | 309.1C | 315.1C | 16129A | 16209C | 16223T | 16292T | 16295T | 16311C | G |
|  |  | 16519C |   |   |   |   |   |   |   |   |   |   |   |   |
| ***BR-SP038*** | ***L3e1*** | 73G | 150T | 152C | 189G | 200G | 263G | 315.1C | 524.1A | 524.2C | 16176T | 16223T | 16327T |   | G |
| ***BR-SP039*** | ***C1b*** | 73G | 249DEL | 263G | 290DEL | 291DEL | 309.1C | 315.1C | 489C | 493G | 523DEL | 524DEL | 16153A | 16223T | G |
|  |  | 16298C | 16325C | 16327T | 16526A |   |   |   |   |   |   |   |   |   |
| ***BR-SP040*** | ***H5*** | 263G | 282C | 315.1C | 456T | 16294T | 16304C | 16320T |   |   |   |   |   |   | G |
| ***BR-SP041*** | ***L2a1*** | 73G | 143A | 146C | 152C | 195C | 263G | 315.1C | 16093C | 16223T | 16278T | 16294T | 16309G | 16311C | G |
|  |  | 16320T | 16390A | 16519C |   |   |   |   |   |   |   |   |   |   |
| ***BR-SP042*** | ***L3e2b*** | 73G | 150T | 195C | 263G | 309.1C | 315.1C | 385G | 523DEL | 524DEL | 16171G | 16172C | 16183C | 16189C | G |
|  |  | 16223T | 16320T | 16519C |  |   |   |   |   |   |   |   |   |   |
| ***BR-SP044*** | ***L2a*** | 73G | 146C | 152C | 195C | 198T | 263G | 315.1C | 523DEL | 524DEL | 16189C | 16223T | 16278T | 16294T | G |
|  |  | 16309G | 16390A | 16519C |   |   |   |   |   |   |   |   |   |   |
| ***BR-SP045*** | ***L2a*** | 73G | 146C | 152C | 195C | 263G | 315.1C | 16182C | 16183C | 16189C | 16223T | 16278T | 16290T | 16294T | G |
|  |  | 16309G | 16390A |  |   |   |   |   |   |   |   |   |   |   |
| ***BR-SP046*** | ***L3e2a*** | 73G | 150T | 195C | 198T | 263G | 309.1C | 315.1C | 499A | 16320T | 16399G | 16519C |   |   | G |
| ***BR-SP047*** | ***H*** | 263G | 315.1C | 16093C | 16519C |   |   |   |   |   |   |   |   |   | G |
| ***BR-SP050*** | ***D4/G*** | 73G | 146C | 152C | 195C | 263G | 309.1C | 315.1C | 489C | 16172C | 16220G | 16223T | 16241G | 16311C | A |
|  |  | 16342C | 16362C | 16519C |   |   |   |   |   |   |   |   |   |   |
| ***BR-SP051*** | ***X2*** | 73G | 146C | 195C | 263G | 315.1C | 16189C | 16223T | 16278T | 16519C |   |   |   |   | G |
| ***BR-SP052*** | ***J1*** | 73G | 185A | 228A | 263G | 295T | 309.1C | 315.1C | 462T | 489C | 16069T | 16126C | 16519C |   | G |
| ***BR-SP053*** | ***L3b*** | 73G | 195C | 263G | 279C | 315.1C | 523DEL | 524DEL | 16066G | 16145A | 16223T | 16278T | 16362C | 16519C | A |
| ***BR-SP054*** | ***L1c*** | 73G | 151T | 152C | 186A | 189C | 195C | 198T | 247A | 263G | 297G | 315.1C | 316A | 523DEL | G |
|  |  |   | 524DEL | 16078G | 16129A | 16187T | 16189C | 16223T | 16265C | 16286A | 16294T | 16311C | 16320T | 16360T |
|  |  |   | 16519C | 16527T |   |   |   |   |   |   |   |   |   |   |
| ***BR-SP057*** | ***L2b*** | 73G | 146C | 152C | 182T | 183G | 195C | 198T | 204C | 263G | 309.1C | 315.1C | 16114A | 16129A | G |
|  |  |   | 16213A | 16223T | 16274A | 16278T | 16390A |   |   |   |   |   |   |   |
| ***BR-SP058*** | ***H*** | 263G | 315.1C | 16172C | 16210G | 16519C |   |   |   |   |   |   |   |   | A |
| ***BR-SP059*** | ***C1d2*** | 73G | 194T | 249DEL | 263G | 290DEL | 291DEL | 309.1C | 315.1C | 489C | 523DEL | 524DEL | 16051G | 16223T | G |
|  |  |   | 16298C | 16325C | 16327T | 16519C |   |   |   |   |   |   |   |   |  |
| ***BR-SP060*** | ***C1b*** | 73G | 249DEL | 263G | 290DEL | 291DEL | 309.1C | 315.1C | 489C | 493G | 523DEL | 524DEL | 16223T | 16298C | G |
|  |  |   | 16325C | 16327T |   |   |   |   |   |   |   |   |   |   |
| ***BR-SP061*** | ***B4b*** | 73G | 152C | 263G | 309.1C | 315.1C | 460C | 499A | 16092C | 16183C | 16189C | 16217C | 16468C | 16519C | G |
| ***BR-SP063*** | ***L1b*** | 73G | 151T | 152C | 182T | 185T | 195C | 247A | 263G | 315.1C | 357G | 523DEL | 524DEL | 16126C | G |
|  |  |   | 16187T | 16189C | 16223T | 16264T | 16270T | 16278T | 16311C | 16519C |   |   |   |   |
| ***BR-SP064*** | ***T2*** | 73G | 263G | 309.1C | 309.2C | 315.1C | 16126C | 16241G | 16294T | 16304C | 16519C |   |   |   | G |
| ***BR-SP065*** | ***K1a*** | 73G | 114T | 150T | 263G | 309.1C | 309.2C | 315.1C | 497T | 16224C | 16311C | 16519C |   |   | G |
| ***BR-SP066*** | ***L3f*** | 73G | 146C | 263G | 309.1C | 315.1C | 374.1A | 16038G | 16209C | 16223T | 16294T | 16311C | 16519C |   | G |
| ***BR-SP067*** | ***L3e2a*** | 73G | 150T | 195C | 198T | 263G | 309.1C | 315.1C | 499A | 16093C | 16189C | 16223T | 16320T | 16399G | G |
|  |  | 16519C |   |   |   |   |   |   |   |   |   |   |   |   |
| ***BR-SP068*** | ***A2*** | 64T | 73G | 146C | 152C | 153G | 235G | 263G | 297G | 309.1C | 309.2C | 315.1C | 523DEL | 524DEL | G |
| ***BR-SP070*** | ***T1a*** | 73G | 263G | 309.1C | 309.2C | 315.1C | 524.1A  | 524.2C | 16126C | 16163G | 16186T | 16189C | 16284G | 16294T | G |
|  |  | 16519C |   |   |   |   |   |   |   |   |   |   |   |   |
| ***BR-SP071*** | ***A2*** | 64T | 73G | 146C | 153G | 235G | 263G | 309.1C | 309.2C | 315.1C | 384G | 492G | 523DEL | 524DEL | G |
|  |  |   | 16111T | 16223T | 16290T | 16311C | 16319A | 16356C | 16362C |   |   |   |   |   |
| ***BR-SP072*** | ***L3e3*** | 73G | 150T | 195C | 263G | 309.1C | 315.1C | 523DEL | 524DEL | 16093C | 16148T | 16223T | 16265T | 16519C | G |
| ***BR-SP073*** | ***H*** | 152C | 263G | 309.1C | 315.1C |   |   |   |   |   |   |   |   |   | A |
| ***BR-SP074*** | ***U5b1b*** | 73G | 150T | 152C | 195C | 263G | 315.1C | 16093C | 16183C | 16187T | 16189C | 16192T | 16259G | 16270T | G |
| ***BR-SP076*** | ***L3e1*** | 73G | 150T | 189G | 200G | 263G | 309.1C | 315.1C | 16183C | 16189C | 16223T | 16260T | 16327T |   | G |
| ***BR-SP077*** | ***L2a1*** | 73G | 146C | 152C | 195C | 263G | 309.1C | 315.1C | 16189C | 16223T | 16278T | 16294T | 16309G | 16390A | G |
|  |  | 16519C |   |   |   |   |   |   |   |   |   |   |   |   |
| ***BR-SP078*** | ***L3e2b*** | 73G | 150T | 152C | 195C | 315.1C | 16172C | 16183C | 16189C | 16223T | 16320T | 16519C |   |   | G |
| ***BR-SP079*** | ***L0a*** | 64T | 93G | 95C | 152C | 189G | 236C | 247A | 263G | 309.1C | 315.1C | 523DEL | 524DEL | 16093C | G |
|  |  | 16148T | 16166G | 16172C | 16179T | 16187T | 16188G | 16189C | 16223T | 16230G | 16256T | 16311C | 16320T | 16519C |
| ***BR-SP080*** | ***L3e1d*** | 73G | 150T | 152C | 189G | 200G | 263G | 315.1C | 16176T | 16223T | 16256T | 16327T |   |   | G |
| ***BR-SP082*** | ***L3e1d*** | 73G | 150T | 152C | 189G | 200G | 263G | 315.1C | 16176T | 16223T | 16327T |   |   |   | G |
| ***BR-SP083*** | ***L3e1*** | 73G | 150T | 189G | 263G | 309.1C | 315.1C | 16223T | 16327T |   |   |   |   |   | G |
| ***BR-SP084*** | ***L1c2a1*** | 73G | 151T | 152C | 182T | 186A | 189C | 195C | 198T | 247A | 263G | 297G | 309.1C | 315.1C | G |
|  |  | 316A | 16071T | 16129A | 16145A | 16187T | 16189C | 16213A | 16223T | 16234T | 16265C | 16278T | 16286G | 16294T |  |
|  |  | 16311C | 16360T | 16527T |   |   |   |   |   |   |   |   |   |   |
| ***BR-SP085*** | ***B2c*** | 73G | 151T | 260A | 263G | 309.1C | 309.2C | 315.1C | 499A | 523DEL | 524DEL | 16182C | 16183C | 16189C | G |
|  |  |   | 16217C | 16234T | 16316G |   |   |   |   |   |   |   |   |   |
| ***BR-SP086*** | ***C1b*** | 73G | 152C | 249DEL | 263G | 290DEL | 291DEL | 309.1C | 315.1C | 489C | 493G | 523DEL | 524DEL | 16037G | G |
|  |  |   | 16223T | 16294T | 16298C | 16325C | 16327T |   |   |   |   |   |   |   |
| ***BR-SP087*** | ***K1a1a*** | 73G | 263G | 315.1C | 497T | 524.1A  | 524.2C | 16093C | 16224C | 16311C | 16519C |   |   |   | G |
| ***BR-SP089*** | ***L3f1b4a*** | 73G | 150T | 189G | 200G | 204C | 263G | 309.1C | 315.1C | 16209C | 16223T | 16292T | 16311C | 16519C | G |
| ***BR-SP090*** | ***A2*** | 64T | 73G | 146C | 153G | 210G | 235G | 263G | 309.1C | 315.1C | 523DEL | 524DEL | 16111T | 16209C | G |
|  |  | 16223T | 16290T | 16319A | 16362C |  |   |   |   |   |   |   |   |   |
| ***BR-SP091*** | ***B2c*** | 73G | 103A | 152C | 263G | 315.1C | 499A | 16182C | 16183C | 16189C | 16217C | 16241G | 16519C |   | G |
| ***BR-SP092*** | ***B4b*** | 73G | 263G | 309.1C | 315.1C | 499A | 16183C | 16189C | 16217C | 16519C |   |   |   |   | G |
| ***BR-SP094*** | ***L3b*** | 73G | 195C | 263G | 279C | 309.1C | 315.1C | 523DEL | 524DEL | 16145A | 16223T | 16278T | 16362C | 16519C | G |
| ***BR-SP095*** | ***L3k*** | 73G | 146C | 150T | 152C | 235G | 263G | 315.1C | 494T | 16223T | 16355T |   |   |   | G |
| ***BR-SP098*** | ***B2c*** | 73G | 103A | 152C | 263G | 315.1C | 499A | 16182C | 16183C | 16189C | 16217C | 16241G | 16519C |   | G |
| ***BR-SP099*** | ***H*** | 263G | 309.1C | 309.2C | 315.1C | 16519C |   |   |   |   |   |   |   |   | G |
| ***BR-SP100*** | ***L3d*** | 73G | 152C | 263G | 315.1C | 523DEL | 524DEL | 16124C | 16183C | 16189C | 16223T | 16278T | 16304C | 16311C | G |
| ***BR-SP101*** | ***B2c*** | 73G | 103A | 152C | 263G | 315.1C | 499A | 16182C | 16183C | 16189C | 16217C | 16241G | 16519C |   | G |
| ***BR-SP102*** | ***D1*** | 73G | 263G | 315.1C | 489C | 16223T | 16325C | 16362C |   |   |   |   |   |   | A |
| ***BR-SP103*** | ***L3e2*** | 73G | 150T | 195C | 198T | 263G | 315.1C | 499A | 16223T | 16269G | 16320T | 16399G | 16519C |   | G |
| ***BR-SP106*** | ***B2c*** | 73G | 103A | 152C | 263G | 499A | 16182C | 16183C | 16189C | 16217C | 16241G | 16519C |   |   | G |
| ***BR-SP109*** | ***T2*** | 73G | 263G | 315.1C | 16126C | 16140C | 16189C | 16294T | 16296T | 16311C | 16519C |   |   |   | G |
| ***BR-SP110*** | ***L4b2*** | 73G | 146C | 152C | 195C | 244G | 263G | 309.1C | 315.1C | 340T | 523DEL | 524DEL | 16051G | 16114T | G |
|  |  | 16189C | 16192T | 16223T | 16293T | 16311C | 16316G | 16355T | 16362C | 16399G | 16519C |   |   |   |
| ***BR-SP111*** | ***L3e1*** | 73G | 150T | 189G | 200G | 263G | 315.1C | 16172C | 16223T | 16327T | 16399G |   |   |   | G |
| ***BR-SP112*** | ***L2a***  | 73G | 143A | 146C | 152C | 263G | 309.1C | 315.1C | 16189C | 16193T | 16193.1C | 16223T | 16278T | 16294T | G |
|  |  | 16362C | 16390A |  |  |   |   |   |   |   |   |   |   |   |
| ***BR-SP113*** | ***L3e1b*** | 73G | 150T | 185A | 189G | 263G | 309.1C | 315.1C | 16223T | 16325DEL | 16327T |   |   |   | G |
| ***BR-SP114*** | ***HV0*** | 72C | 263G | 309.1C | 315.1C | 16124C | 16298C | 16319A |   |   |   |   |   |   | G |
| ***BR-SP117*** | ***L2a1a*** | 73G | 146C | 195C | 263G | 309.1C | 315.1C | 16189C | 16192T | 16223T | 16278T | 16294T | 16309G | 16390A | G |
|  |  | 16519C |  |   |   |   |   |   |   |   |   |   |   |   |
| ***BR-SP118*** | ***A2*** | 73G | 146C | 153G | 235G | 263G | 315.1C | 523DEL | 524DEL | 16111T | 16126C | 16223T | 16259T | 16290T | G |
|  |  | 16319A | 16327T | 16362C | 16519C |   |   |   |   |   |   |   |   |   |
| ***BR-SP119*** | ***H5*** | 263G | 309.1C | 315.1C | 456T | 513A | 523DEL | 524DEL | 16304C | 16519C |   |   |   |   | G |
| ***BR-SP121*** | ***L3f1b*** | 73G | 200G | 263G | 309.1C | 315.1C | 16209C | 16223T | 16292T | 16311C | 16519C |   |   |   | G |
| ***BR-SP122*** | ***L1c1a1*** | 73G | 93G | 151T | 152C | 182T | 186A | 189C | 195C | 247A | 248G | 263G | 309.1C | 315.1C | G |
|  |  | 316A | 523DEL | 524DEL | 16129A | 16187T | 16189C | 16223T | 16278T | 16293G | 16294T | 16311C | 16360T | 16519C |
| ***BR-SP123*** | ***A2*** | 64T | 73G | 146C | 152C | 153G | 235G | 263G | 309.1C | 315.1C | 523DEL | 524DEL | 16092C | 16111T | G |
|  |  | 16172C | 16223T | 16290T | 16319A | 16362C | 16519C |   |   |   |   |   |   |   |
| ***BR-SP124*** | ***L1c2*** | 73G | 151T | 152C | 182T | 186A | 189C | 195C | 198T | 247A | 263G | 297G | 309.1C | 315.1C | G |
|  |  | 316A | 16129A | 16187T | 16189C | 16223T | 16265C | 16278T | 16286G | 16294T | 16311C | 16343T | 16360T | 16519C |
|  |  | 16527T |  |   |   |   |   |   |   |   |   |   |   |   |
| ***BR-SP125*** | ***A2*** | 64T | 73G | 146C | 153G | 235G | 263G | 309.1C | 309.2C | 315.1C | 374G | 482C | 523DEL | 524DEL | G |
|  |  | 16111T | 16215G | 16223T | 16290T | 16319A | 16362C | 16519C |   |   |   |   |   |   |
| ***BR-SP126*** | ***L3e2b2*** | 73G | 150T | 195C | 263G | 315.1C | 16172C | 16182C | 16183C | 16189C | 16223T | 16320T | 16519C |   | G |
| ***BR-SP127*** | ***C1b*** | 73G | 249DEL | 263G | 290DEL | 291DEL | 309.1C | 315.1C | 489C | 493G | 513A | 523DEL | 524DEL | 16223T | G |
|  |  |   | 16292T | 16298C | 16325C | 16327T | 16362C |   |   |   |   |   |   |   |
| ***BR-SP128*** | ***H*** | 152C | 263G | 315.1C | 16519C |   |   |   |   |   |   |   |   |   | A |
| ***BR-SP129*** | ***L2a1*** | 73G | 146C | 152C | 195C | 263G | 309.1C | 315.1C | 16223T | 16278T | 16294T | 16309G | 16390A | 16519C | G |
| ***BR-SP130*** | ***L1c3a***  | 73G | 151T | 152C | 182T | 186A | 189C | 195C | 247A | 263G | 309.1C | 309.2C | 315.1C | 316A | G |
|  |  | 523DEL | 524DEL | 16093C | 16129A | 16183C | 16189C | 16215G | 16223T | 16278T | 16294T | 16311C | 16355T | 16360T |
|  |  | 16390A | 16519C |  |   |   |   |   |   |   |   |   |   |   |
| ***BR-SP131*** | ***L2b1a*** | 73G | 150T | 152C | 182T | 195C | 198T | 204C | 263G | 315.1C | 418T | 523DEL | 524DEL | 16114A | G |
|  |  | 16129A | 16213A | 16223T | 16278T | 16355T | 16362C | 16390A |   |   |   |   |   |   |
| ***BR-SP132*** | ***L2a1a4*** | 73G | 146C | 152C | 195C | 263G | 309.1C | 315.1C | 316A | 16223T | 16278T | 16286T | 16294T | 16309G | G |
|  |  | 16390A | 16519C |  |   |   |   |   |   |   |   |   |   |   |
| ***BR-SP133*** | ***A2*** | 64T | 73G | 146C | 235G | 263G | 309.1C | 309.2C | 315.1C | 523DEL | 524DEL | 16111T | 16223T | 16290T | G |
|  |  | 16319A | 16362C |   |   |   |   |   |   |   |   |   |   |   |
| ***BR-SP134*** | ***C1b*** | 73G | 152C | 249DEL | 263G | 290DEL | 291DEL | 309.1C | 309.2C | 315.1C | 489C | 493G | 523DEL | 524DEL | G |
|  |  | 16223T | 16298C | 16325C | 16327T | 16526A |  |   |   |   |   |   |   |   |
| ***BR-SP136*** | ***C1b*** | 73G | 249DEL | 263G | 290DEL | 291DEL | 309.1C | 315.1C | 489C | 493G | 523DEL | 524DEL | 16223T | 16298C | G |
|  |  | 16325C | 16327T | 16526A |  |   |   |   |   |   |   |   |   |   |
| ***BR-SP137*** | ***A2*** | 73G | 146C | 153G | 235G | 263G | 315.1C | 523DEL | 524DEL | 16092C | 16111T | 16223T | 16290T | 16319A | G |
|  |  | 16362C |   |   |   |   |   |   |   |   |   |   |   |   |
| ***BR-SP138*** | ***H*** | 93G | 263G | 309.1C | 315.1C | 16519C |   |   |   |   |   |   |   |   | A |
| ***BR-SP139*** | ***L3e2b*** | 73G | 150T | 152C | 195C | 263G | 309.1C | 315.1C | 16172C | 16183C | 16189C | 16223T | 16320T | 16519C | G |
| ***BR-SP140*** | ***C1b*** | 73G | 249DEL | 263G | 290DEL | 291DEL | 309.1C | 309.2C | 315.1C | 489C | 493G | 523DEL | 524DEL | 16223T | G |
|  |  | 16298C | 16325C | 16327T |  |   |   |   |   |   |   |   |   |   |
| ***BR-SP142*** | ***H*** | 263G | 309.1C | 315.1C | 16311C | 16519C |   |   |   |   |   |   |   |   | G |
| ***BR-SP143*** | ***L0a1b*** | 93G | 95C | 185A | 189G | 236C | 247A | 263G | 315.1C | 523DEL | 524DEL | 16129A | 16148T | 16168T | G |
|  |  | 16172C | 16187T | 16188G | 16189C | 16223T | 16230G | 16278T | 16293G | 16311C | 16320T |  |   |   |
| ***BR-SP145*** | ***L2a1*** | 73G | 143A | 146C | 152C | 195C | 263G | 309.1C | 315.1C | 16223T | 16256T | 16278T | 16294T | 16309G | G |
|  |  | 16390A |   |   |   |   |   |   |   |   |   |   |   |   |
| ***BR-SP146*** | ***H*** | 152C | 263G | 309.1C | 309.2C | 315.1C | 16519C |   |   |   |   |   |   |   | G |
| ***BR-SP147*** | ***N9b*** | 73G | 150T | 200G | 263G | 309.1C | 309.2C | 315.1C | 16129A | 16183C | 16189C | 16193.1C | 16223T |  16260T | G |
|  |  | 16327T |  |   |   |   |   |   |   |   |   |   |   |   |
| ***BR-SP148*** | ***H5*** | 93G | 263G | 309.1C | 315.1C | 456T | 16294T | 16304C |   |   |   |   |   |   | G |
| ***BR-SP149*** | ***H*** | 263G | 309.1C | 315.1C | 523DEL | 524DEL | 16519C |   |   |   |   |   |   |   | A |
| ***BR-SP150*** | ***H5*** | 263G | 309.1C | 315.1C | 456T | 16294T | 16304C | 16320T |   |   |   |   |   |   | G |
| ***BR-SP151*** | ***K1a4*** | 73G | 263G | 315.1C | 497T | 523.1A | 524.1C | 16129A | 16224C | 16311C | 16519C |   |   |   | G |
| ***BR-SP152*** | ***T1a*** | 73G | 195C | 263G | 315.1C | 16126C | 16163G | 16186T | 16189C | 16294T | 16519C |   |   |   | G |
| ***BR-SP154*** | ***U4a1*** | 73G | 152C | 195C | 263G | 309.1C | 315.1C | 499A | 523.1A | 524.1C | 16134T | 16240G | 16286A | 16356C | G |
|  |  | 16519C |   |   |   |   |   |   |   |   |   |   |   |   |
| ***BR-SP155*** | ***C1b2*** | 73G | 152C | 249DEL | 263G | 290DEL | 291DEL | 309.1C | 315.1C | 489C | 493G | 523DEL | 524DEL | 16037G | G |
|  |  | 16223T | 16298C | 16325C | 16327T |  |   |   |   |   |   |   |   |   |
| ***BR-SP156*** | ***J2b*** | 73G | 150T | 152C | 263G | 295T | 315.1C | 489C | 16069T | 16126C | 16193T | 16278T | 16519C |   | G |
| ***BR-SP157*** | ***J1*** | 73G | 185A | 188G | 263G | 295T | 315.1C | 462T | 482C | 489C | 16069T |   |   |   | A |
| ***BR-SP158*** | ***C1b*** | 73G | 263G | 249DEL | 290DEL | 291DEL | 309.1C | 315.1C | 489C | 493G | 513A | 523DEL | 524DEL | 16223T | G |
|  |  | 16292T | 16298C | 16325C | 16327T | 16362C |   |   |   |   |   |   |   |   |
| ***BR-SP159*** | ***L3f1b1*** | 73G | 189G | 195C | 200G | 263G | 272G | 309.1C | 315.1C | 16093C | 16129A | 16209C | 16223T | 16292T | G |
|  |  | 16295T | 16311C | 16519C |  |   |   |   |   |   |   |   |   |   |
| ***BR-SP160*** | ***L2a1*** | 73G | 146C | 152C | 195C | 263G | 309.1C | 315.1C | 16189C | 16223T | 16278T | 16294T | 16309G | 16390A | G |
|  |  | 16519C |   |   |   |   |   |   |   |   |   |   |   |   |
| ***BR-SP161*** | ***L3k*** | 73G | 146C | 150T | 152C | 200G | 263G | 309.1C | 315.1C | 494T | 16188T | 16223T |   |   | G |
| ***BR-SP162*** | ***H*** | 152C | 263G | 315.1C | 16519C |   |   |   |   |   |   |   |   |   | A |
| ***BR-SP163*** | ***L2a1*** | 73G | 146C | 152C | 195C | 263G | 309.1C | 309.2C | 315.1C | 16189C | 16192T | 16223T | 16274A | 16278T | G |
|  |  | 16294T | 16309G | 16390A | 16519C |  |   |   |   |   |   |   |   |   |
| ***BR-SP164*** | ***L4b1*** | 73G | 150T | 199C | 204C | 263G | 309.1C | 315.1C | 513A | 523DEL | 524DEL | 16179T | 16182C | 16183C | G |
|  |  | 16189C | 16223T | 16239T | 16311C | 16320T | 16362C | 16519C |   |   |   |   |   |   |
| ***BR-SP165*** | ***L0a1b*** | 93G | 95C | 185A | 189G | 236C | 247A | 263G | 315.1C | 523DEL | 524DEL | 16129A | 16148T | 16168T | G |
|  |  | 16172C | 16187T | 16188G | 16189C | 16223T | 16230G | 16278T | 16293G | 16311C | 16320T |  |   |   |
| ***BR-SP166*** | ***H*** | 152C | 263G | 315.1C | 524.1A  | 524.2C | 16519C |   |   |   |   |   |   |   | G |
| ***BR-SP167*** | ***L2a1*** | 73G | 143A | 146C | 152C | 195C | 263G | 309.1C | 315.1C | 16189C | 16223T | 16256T | 16278T | 16294T | A |
|  |  | 16309G |  16390A |   |   |   |   |   |   |   |   |   |   |   |
| ***BR-SP168*** | ***H*** | 263G | 309.1C | 315.1C | 16519C |   |   |   |   |   |   |   |   |   | A |
| ***BR-SP169*** | ***L2a1*** | 73G | 143A | 146C | 152C | 195C | 263G | 315.1C | 513A | 16172C | 16193T | 16213A | 16223T | 16239T | A |
|  |  | 16278T | 16294T | 16309G | 16390A |   |   |   |   |   |   |   |   |   |  |
| ***BR-SP170*** | ***M1a1*** | 73G | 152C | 195C | 204C | 315.1C | 489C | 16129A | 16182C | 16183C | 16189C | 16223T | 16249C | 16311C | G |
|  |  | 16359C | 16519C | 16527T |  |   |   |   |   |   |   |   |   |   |
| ***BR-SP171*** | ***B2c*** | 73G | 263G | 309.1C | 315.1C | 499A | 523DEL | 524DEL | 16182C | 16183C | 16186T | 16189C | 16217C | 16519C | G |
| ***BR-SP172*** | ***J1*** | 73G | 256T | 263G | 295T | 309.1C | 315.1C | 462T | 482C | 489C | 16069T | 16126C |   |   | A |
| ***BR-SP173*** | ***L0a2*** | 64T | 93G | 152C | 189G | 236C | 247A | 263G | 309.1C | 315.1C | 523DEL | 524DEL | 16148T | 16172C | G |
|  |  | 16187T | 16188G | 16189C | 16223T | 16230G | 16311C | 16320T | 16519C |   |   |   |   |   |
| ***BR-SP174*** | ***H6*** | 239C | 263G | 309.1C | 315.1C | 16192T | 16362C | 16482G |   |   |   |   |   |   | G |
| ***BR-SP177*** | ***H*** | 263G | 315.1C | 16311C | 16519C |   |   |   |   |   |   |   |   |   | G |
| ***BR-SP178*** | ***L2a1*** | 73G | 146C | 152C | 195C | 198T | 263G | 315.1C | 16093C | 16129A | 16189C | 16192T | 16223T | 16278T | G |
|  |  | 16294T | 16309G | 16390A |  |   |   |   |   |   |   |   |   |   |  |
| ***BR-SP180*** | ***L2a1b*** | 73G | 146C | 152C | 195C | 263G | 315.1C | 16182C | 16183C | 16189C | 16223T | 16278T | 16290T | 16294T | G |
|  |  | 16309G | 16390A |   |   |   |   |   |   |   |   |   |   |   |
| ***BR-SP181*** | ***H*** | 263G | 315.1C | 524.1A  | 524.2C | 16148T | 16519C |   |   |   |   |   |   |   | G |
| ***BR-SP182*** | ***C1b*** | 73G | 249DEL | 263G | 290DEL | 291DEL | 309.1C | 315.1C | 489C | 493G | 523DEL | 524DEL | 16126C | 16223T | G |
|  |  | 16298C | 16325C | 16327T |   |   |   |   |   |   |   |   |   |   |
| ***BR-SP183*** | ***U4a3*** | 73G | 195C | 247A | 263G | 315.1C | 499A | 523.1A | 524.1C | 525.1A | 526.1C | 16265G | 16356C | 16362C | G |
|  |  | 16519C |  |   |   |   |   |   |   |   |   |   |   |   |
| ***BR-SP184*** | ***L1b*** | 73G | 152C | 182T | 185T | 195C | 247A | 263G | 315.1C | 357G | 523DEL | 524DEL | 16126C | 16187T | G |
|  |  | 16189C | 16223T | 16264T | 16270T | 16278T | 16293G | 16311C | 16317G | 16519C |   |   |   |   |
| ***BR-SP185*** | ***W4*** | 73G | 143A | 189G | 194T | 195C | 196C | 204C | 207A | 263G | 309.1C | 315.1C | 16223T | 16286T | G |
|  |  | 16292T | 16519C |  |   |   |   |   |   |   |   |   |   |   |
| ***BR-SP186*** | ***L2b*** | 73G | 150T | 152C | 182T | 195C | 198T | 204C | 263G | 315.1C | 418T | 523DEL | 524DEL | 16114A | G |
|  |  | 16129A | 16213A | 16223T | 16278T | 16355T | 16390A |   |   |   |   |   |   |   |
| ***BR-SP187*** | ***L1c3*** | 73G | 151T | 152C | 182T | 186A | 189C | 195C | 247A | 248G | 263G | 315.1C | 316A | 523DEL | G |
|  |  | 524DEL | 16129A | 16187T | 16189C | 16223T | 16278T | 16293G | 16294T | 16311C | 16360T | 16519C |  |   |
| ***BR-SP189*** | ***L1c2*** | 73G | 151T | 152C | 182T | 186A | 189C | 195C | 198T | 247A | 263G | 297G | 309.1C | 315.1C | G |
|  |  | 316A | 471C | 523DEL | 524DEL | 16129A | 16169T | 16187T | 16189C | 16223T | 16265C | 16278T | 16286G | 16294T |
|  |  | 16311C | 16360T | 16519C | 16527T |   |   |   |   |   |   |   |   |   |
| ***BR-SP190*** | ***L2a1b*** | 73G | 146C | 152C | 195C | 263G | 315.1C | 16182C | 16183C | 16189C | 16223T | 16269C | 16278T | 16290T | G |
|  |  | 16294T | 16309G | 16390A |  |   |   |   |   |   |   |   |   |   |
| ***BR-SP192*** | ***B2c*** | 73G | 103A | 152C | 263G | 309.1C | 309.2C | 315.1C | 499A | 16182C | 16183C | 16189C | 16217C | 16241G | G |
|  |  | 16301T | 16519C |   |   |   |   |   |   |   |   |   |   |   |
| ***BR-SP193*** | ***L2b1*** | 73G | 150T | 152C | 182T | 195C | 198T | 204C | 263G | 315.1C | 418T | 523DEL | 524DEL | 16114A | G |
|  |  | 16129A | 16213A | 16223T | 16278T | 16355T | 16362C | 16390A |  |   |   |   |   |   |
| ***BR-SP194*** | ***H*** | 263G | 309.1C | 315.1C | 16184T | 16263C | 16265G | 16519C |   |   |   |   |   |   | G |
| ***BR-SP195*** | ***L3e1a*** | 73G | 150T | 189G | 200G | 263G | 309.1C | 315.1C | 16185T | 16223T | 16327T | 16519C |   |   | G |
| ***BR-SP196*** | ***C1b*** | 73G | 249DEL | 263G | 290DEL | 291DEL | 309.1C | 315.1C | 489C | 493G | 523DEL | 524DEL | 16126C | 16223T | G |
|  |  | 16298C | 16325C | 16327T |   |   |   |   |   |   |   |   |   |   |
| ***BR-SP197*** | ***A2*** | 73G | 146C | 153G | 235G | 263G | 309.1C | 315.1C | 16111T | 16223T | 16290T | 16319A | 16362C |   | G |
| ***BR-SP199*** | ***L0a1b*** | 89C | 93G | 95C | 185A | 189G | 236C | 247A | 263G | 309.1C | 315.1C | 523DEL | 524DEL | 16129A | G |
|  |  | 16148T | 16168T | 16172C | 16187T | 16188G | 16189C | 16223T | 16230G | 16278T | 16293G | 16311C | 16320T | 16519C |
| ***BR-SP201*** | ***B4b*** | 73G | 146C | 152C | 199C | 263G | 315.1C | 499A | 16183C | 16189C | 16217C | 16519C |   |   | G |

Note: HG (haplogroup)