



FamilyTree**DNA**

Certificate – **mtDNA**

Family Tree DNA certifies that a mitochondria DNA sample taken from

Mrs. MARIA APARECIDA SOUZA BENEDITO

differs from the Cambridge Reference Sequence (CRS)* at the numbered positions indicated, by the presence of the bases designated A, C, G or T:

Haplogroup A2

Sample # 252464

The letters designate the base that occurs at each of those positions in place of the entire CRS. These are distinctive of this sample and may be compared to other people to confirm or rule out common descent, providing genetic evidence of genealogical relationships.

HVR1: 16111T, 16126C, 16223T, 16259T, 16290T, 16319A, 16362C, 16390A, 16519C

HVR2: 73G, 146C, 153G, 235G, 263G, 309.1C, 315.1C, 522-, 523-

Coding Region: 663G, 750G, 1438G, 1736G, 2706G, 4248C, 4769G, 4824G, 7028T, 8027A, 8794T, 8860G, 9096C, 9230C, 10463C, 11719A, 12007A, 12705T, 14127C, 14766T, 15326G, 15951G

*The Cambridge Reference Sequence is the accepted mtDNA standard.

março 4, 2014

Concetta A. Bormans