



FamilyTree**DNA**

# Certificate – **mtDNA**

Family Tree DNA certifies that a mitochondria DNA sample taken from

**Mrs. EVA GOMES VIEIRA**

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 A2ab**

**Sample # 234785**

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, 16223T, 16290T, 16291T, 16319A, 16362C**

**HVR2: 64T, 73G, 146C, 153G, 235G, 263G, 309.1C, 315.1C, 522-, 523-**

**Coding Region: 663G, 750G, 1438G, 1736G, 2706G, 4248C, 4769G, 4824G, 5228T, 6216C, 7028T, 8027A, 8794T, 8860G, 11719A, 12007A, 12705T, 14065G, 14476A, 14766T, 15326G**

\*The Cambridge Reference Sequence is the accepted mtDNA standard.

junho 17, 2014

Concetta A. Bormans