



Investigation of human mitochondrial DNA abnormality in colon cancer

By Mansoureh Akouchekian

Cuvillier Verlag Okt 2008, 2008. Taschenbuch. Condition: Neu. Neuware - The appearance of mtDNA abnormalities including deletions, duplications, insertions or combinations of them in colorectal cancer (CRC) patients was investigated in this work. Our result showed that 11 of 90 CRC patients had a 8.7kb mtDNA deletion (12.2%) while this deletion was not found in 33 healthy controls. ($P=0.035$) We conclude that the 8.7 kb deletion can be a secondary effect of the cancer process, which is not inherited. This is the first report on large scale deletions in CRC. We also analyzed the correlation between cancers and mitochondrial haplogroups. The relationship between CRC and each of 9 major mitochondrial haplogroups were examined in Iranian CRC patients. This is the first study to trace mtDNA HVS1 variants in CRC patients of the Persian population. Our data showed that patients with CRC have a significantly ($P=0.001$) higher frequency of haplogroup K (9.5%) when compared with controls (0%). The mitochondrial polymorphisms in haplogroup K might play a causative role in predisposing to CRC. Variations in the D-loop region were found in both CRC patients and healthy people but the frequency of SNPs in CRC patients was higher than in control samples. We found 13 new polymorphisms that had not been recorded in the mitochondrial database. We also detected one...



[READ ONLINE](#)
[4.45 MB]

Reviews

I just started looking over this ebook. It is actually really fascinating through reading period of time. You won't really feel monotony at anytime of your time (that's what catalogues are for about when you request me).

-- Miss Naomie Kohler PhD

Very beneficial to any or all class of individuals. It is really interesting through looking at time. You will not feel monotony at any time of your time (that's what catalogues are for concerning in the event you question me).

-- Dr. Dallas Reinger IV

Other Kindle Books



The Lifestyle Business Rockstar!: Quit Your 9 -5, Kick Ass, Work Less, and Live More!

Createspace, United States, 2013. Paperback. Book Condition: New. 213 x 137 mm. Language: English . Brand New Book ***** Print on Demand *****.Starting a Small Business-a Lifestyle Business that Supports Your Desired Lifestyle Do You Want Your Own Small Business that You...



California Version of Who Am I in the Lives of Children? an Introduction to Early Childhood Education, Enhanced Pearson Etext with Loose-Leaf Version -- Access Card Package

Pearson, United States, 2015. Loose-leaf. Book Condition: New. 10th. 249 x 201 mm. Language: English . Brand New Book. NOTE: Used books, rentals, and purchases made outside of Pearson If purchasing or renting from companies other than Pearson, the access codes for...



Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselves By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1624-1625)

Proquest, Eebo Editions, United States, 2010. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.EARLY HISTORY OF RELIGION. Imagine holding history in your hands. Now you can. Digitally preserved and previously accessible...



Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselves By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1625)

Proquest, Eebo Editions, United States, 2010. Paperback. Book Condition: New. 246 x 189 mm. Language: English Brand New Book ***** Print on Demand *****.EARLY HISTORY OF RELIGION. Imagine holding history in your hands. Now you can. Digitally preserved and previously accessible only...



Read Write Inc. Phonics: Yellow Set 5 Storybook 7 Do We Have to Keep it?

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. Tim Archbold (illustrator). 211 x 101 mm. Language: N/A. Brand New Book. These engaging Storybooks provide structured practice for children learning to read the Read Write Inc. Set 1 and 2 sounds....



Becoming Barenaked: Leaving a Six Figure Career, Selling All of Our Crap, Pulling the Kids Out of School, and Buying an RV We Hit the Road in Search Our Own American Dream. Redefining What It Meant to Be a Family in America.

Createspace, United States, 2015. Paperback. Book Condition: New. 258 x 208 mm. Language: English . Brand New Book ***** Print on Demand *****.This isn't porn. Everyone always asks and some of our family thinks it is for sure.but it's not....