

Survival of the sickest

ch. 6



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Milkmaids who had cowpox were immune to what disease ?

smallpox Smallpox first vaccine Genes can? change Humans have how many

pairs of chromosomes? 23 Humans have how many total chromosomes?

46 Hairless fingers are what type of trait? recessive/inherited The percent of

DNA programmed to build cells. 3% The percent of DNA that is noncoding.

97% Noncoding DNA was first thought to be what? junk Workhorses in your

body mitochondria Daughter cell comes from what? parent cell What event

caused problems in March 1989? increased sunspot activity antigenic

drift mutation of DNA in a virus Advantage to one species disadvantage to

another species How many genes does a human have? about 25,000 Jean-

Baptiste Lamarck was from? France Lamarck's theory dealt with inherited

acquired traits What is inherited acquired traits? traits acquired by the

parents during their lifetime would be passed to their offspring Was

Lamarck's theory true? No Who proved it wrong? Darwin Was Lamarck the

author of his theory? No Barbara McClintock's expertise was in? genetics What

are transposons mutations of genes that relocate to certain parts of a genome

and cause mutation to aid in survival and evolution." jumping genes"

transposons another name for " jumping genes" What causes " jumping

genes" to be hyper? STRESS" genome liked to move the _____ around"

furniture E. coli bacterium needed for digestion" Hypermutation" mutations on

steroids Weismann Barrier named after August Weismann Weismann

Barrier germ plasm germ plasma/Weismann Barrier body cells either germ/

somatic Cancer cells develop in somatic cells Are two brains identical? NO Why

are two brains not the same? genetic jumping causes variety and

individuality What system fights for our health? immune system Once you

have antibodies do you ever lose them? NO Why is breastfeeding important?

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to help protect the newborn by building antibodies Jumping genes resemble what? Mother Nature's on the fly genetic engineering All living things want to survive and reproduce bacteria is alive because it can metabolize food and reproduce on their own Viruses are not alive because they cannot metabolize food and reproduce on their own 50% amount of human DNA thought to be a retrovirus Luis Villarreal wrote a book about virus role in evolution How did viruses help with human evolution? causing mutations to happen more often and quicker through exposure to retroviruses What is the title of this chapter? Jump Into The Gene Pool ON SURVIVAL OF THE SICKEST CH. 6 SPECIFICALLY FOR YOU FOR ONLY \$13.90/PAGE Order Now