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Restriction fragment length polymorphisms in Southern African populations and a search for linkage to tyrosinase-positive oculocutaneous albinism

Heim, Ruth Alice

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VOGEL F (1972). Non-randomness of base replacement in point mutation. *J Mol Evol* 1:334-367.

VOGEL F, KOPUN M (1977). Higher frequencies of transitions among point mutations. *J Mol Evol* 9:159-180.

VOGELSTEIN B, FEARON ER, HAMILTON SR, FEINBERG AP (1985). Use of restriction fragment length polymorphisms to determine the clonal origin of human tumours. *Science* 227:642-645.

WAHL GM, STERN M, STARK GR (1979). Efficient transfer of large DNA fragments from agarose gels to diazobenzyloxymethyl-paper and rapid hybridization by using dextran sulfate. *Proc Natl Acad Sci USA* 76:3683-3687.

WAINSCOAT JS, HILL AVS, BOYCE AL, FLINT J, HERNANDEZ M, THEIN SL, OLD JM, LYNCH JR, FALUSI AG, WEATHERALL DJ, CLEGG JB (1986a). Evolutionary relationships of human populations from an analysis of nuclear DNA polymorphisms. *Nature* 319:491-493.

WAINSCOAT JS, KULOZIK AE, RAMSAY M, FALUSI AG, WEATHERALL DJ (1986b). A Taq I γ-globin DNA polymorphism: an African-specific marker. *Hum Genet* 74:90-92.

WAINWRIGHT BJ, SCAMBLER PJ, SCHMIDTKE J, WATSON EA, LAW H-Y, FARRALL M, COOKE HJ, EIBERG H, WILLIAMSON R (1985). Localisation of cystic fibrosis locus to human chromosome 7cen-q22. *Nature* 318:384-385.

WARING M, BRITTEN RJ (1966). Nucleotide sequence repitition: A rapidly reassociating fraction of mouse DNA. *Science* 154:791-794.

WEIDINGER S, JAHN W, CUJNIK F, SCHARZFISCHER F (1985). Alpha-1-antitrypsin: Evidence for a fifth PI M subtype and a new deficiency allele $PI^{*}Z_{Augsberg}$. *Hum Genet* 71:27-29.

WEISS MC, GREEN H (1967). Human - mouse hybrid cell lines containing partial complements of human chromosomes and functioning human genes. *Proc Natl Acad Sci USA* 58:1104-1111.

WEITKAMP LR, GUTTORMSEN SA, GREENDYKE RM (1971). Genetic linkage between a locus for 6-PGD and the Rh locus: evaluation of possible heterogeneity in the recombination fraction between sexes and among families. *Amer J Hum Genet* 23:462-470.

WELLAUER PK, DAWID IB (1979). Isolation and sequence organization of human ribosomal DNA. *J Mol Biol* 128:289-303.

WHITE R, LALOUEL J-M (1987). Investigation of genetic linkage in human families. *Adv Hum Genet* 16:121-228.

WHITE R, LEPPERT M, BISH[illegible]R D, BERKOWITZ J, BROWN C, CALLAHAN P, [illegible]EROMINSKI L (1985). Construction of linkage maps with DNA markers for human chromosomes. *Nature* 313:101-105.

WIGLER M, SILVERSTEIN S, LEE L-S, PELLICER A, CHENG Y-C, AXEL R (1977). Transfer of purified herpes virus thymidine kinase gene to cultured mouse cells. *Cell* 11:223-232.

WIJSMAN EM (1984). Optimizing selection of restriction enzymes in the search for DNA variants. *Nucl Acids Res* 12:9209-9226.

WILLARD HF (1984). Chromosome-specific organization of human alphoid repeated DNA. *Cytogenet Cell Genet* 37:608-609 (Abstract).

WILLARD HF, WAYE JS, SKOLNICK MH, SCHWARTZ CE, POWERS VE, ENGLAND SB (1986). Detection of restriction fragment length polymorphisms at the centromeres of human chromosomes by using chromosome-specific α satellite DNA probes: Implications for development of centromere-based genetic linkage maps. *Proc Natl Acad Sci USA* 83:5611-5615.

WILSON EB (1911). The sex chromosomes. Literarisch-kritische Rundschau. *Arch Mikrosk Anat* 77:249-271.

WILSON MC, MELLI M (1977). Determination of the number of histone genes in human DNA. *J Mol Biol* 110:511-535.

WITKOP CJ Jr (1985). Inherited disorders of pigmentation. *Clinics in Dermat* 3:70-134.

WITKOP CJ Jr, NANCE WE, RAWLS RF, WHITE JG (1970). Autosomal recessive oculocutaneous albinism in man: Evidence for genetic heterogeneity. *Amer J Hum Genet* 22:55-74.

WITKOP CJ Jr, WHITE JG, NANCE WE, UMBER RE (1972). Mutations in the melanin pigment system in man resulting in features of oculocutaneous albinism. In: Riley V, ed. *Pigmentation: Its genesis and*

biologic control. Appleton-Century-Crofts, New York, pp 359-377.

WITKOP CJ Jr, HILL CW, DESNICK SJ, THIES JK, THORN HL, JENKINS M, WHITE JG (1973). Ophthalmologic, biochemical, platelet and ultrastructural defects in various types of oculocutaneous albinism. *J Invest Dermatol* 60:443-456.

WITKOP CJ Jr, QUEVEDO WC Jr, FITZPATRICK TB (1983). Albinism and other disorders of pigment metabolism. Chapter 15. In: Stanbury JB, Wijngaarden JB, Fredericksson DS, Goldstein JL, Brown MS, eds. *The metabolic basis of inherited disease*. 5th edition. McGraw-Hill, New York, pp 301-346.

WONG FL, CANTOR RM, ROTTER JI (1986a). Sample-size considerations and strategies for linkage analysis in autosomal recessive disorders. *Amer J Hum Genet* 39:25-37.

WONG Z, WILSON V, JEFFREYS A, THEIN SL (1986b). Cloning a selected fragment from a human DNA 'fingerprint': isolation of an extremely polymorphic minisatellite. *Nucleic Acids Res* 14:4606-4616.

WOO SLC, LIDSKY AS, GUTTLER F, CHANDRA T, ROBSON JH (1983). Cloned human phenylalanine hydroxylase gene

allows prenatal diagnosis and carrier detection of classical phenylketonurea. *Nature* **306**:151-156.

WOOLF CM, GRANT RB (1962). Albinism among the Hopi Indians in Arizona. *Am J Hum Genet* **14**:391-400.

WU JC, MANUELIDIS L (1980). Sequence definition and organization of a human repeated DNA. *J Mol Biol* **142**:363-386.

WU JC, STRAUSS F, VARSHAVSKY A (1983). Nucleosome arrangement in green monkey α-satellite chromatin. *J Mol Biol* **170**:93-117.

WYMAN AR, WHITE R (1980). A highly polymorphic locus in human DNA. *Proc Natl Acad Sci USA* **77**:6754-6758.

WYMAN A, WOLFE L, BOTSTEIN D (1984). Isolation of highly polymorphic locus D14S1 and other lethal/unstable human sequences in a new cloning host. *Amer J Hum Genet* **36**:159S.

WYMAN AR, WOLFE LB, BOTSTEIN D (1985). Propagation of some human DNA sequences in bacteriophage vectors requires mutant *Escherichia coli* hosts. *Proc Natl Acad Sci USA* **82**:2880-2884.

WYMAN AR, MULHOLLAND J, BOTSTEIN D (1986). Oligonucleotide repeats involved in the highly polymorphic locus D14S1. *Amer J Hum Genet* 39S:672A.

YAGINUMA K, KOBAYASHI M, YOSHIDA E, KOIKE K (1985). Hepatitis B virus integration in hepatocellular carcinoma DNA: Duplication of cellular flanking sequences at the integration site. *Proc Natl Acad Sci USA* 82:4458-4462.

YERGANIAN G, NELL MB (1966). Hybridization of dwarf hamster cells by UV-inactivated sendai virus. *Proc Natl Acad Sci USA* 55:1066-1073.

YOUNG MW (1979). Middle repetitive DNA: A fluid component of the *Drosophila* genome. *Proc Natl Acad Sci USA* 76:6274-6278.

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