cn53C vs. cn53P Synonymous mutations Functional mutations 1.0 Cancer genes \* ZNF518A: p.Ile793Val MAP1A: p.Ser2096= ERN1: p.Tyr117His MY018B: p.Gln1909Ter CHKB: p.Ala9Val TTN: p.Val21887Ala 0.8 CHKB: p.Ala9Val GRIN1: p.Ile712Thr AMC3: p.Arg1514Ser FSIP2: p.Ser3858Asr BUD13: p.Ter620LeuextTer3 KMT2D: p.Pro528HisfsTer4023ysTer8 p.Arg712His FOSL2: p.Arg243Leu NRDE2: p.Glu605Ter836=

TVF32 KCNEABCG8: p.Gly215Glu

TTVF32 KCNEABCG8: p.Gly215Glu

TTVF32 KCNEABCG8: p.Gly215Glu

TTVF32 KCNEABCG8: p.Gly215Glu

TTVF32 KCNEABCG8: p.Gly215Glu cu<sub>2</sub> RDH16: p.Gly284Val MMP17:IP.Ala246Pro CHKB: p.Pro29= TMFM212: p.UCP2: p.Arg88Hisiy368=
CD163L1: p.Asn840Asp. Asp564His SLC24A4: p.Val23Ala
CD163L1: p.Ser18Cys CPNE8: p.Lys276 ₩ FCAMR: p.Gly111= ATAD2B: pubril 1390Arg HPGDS: p.Met1? GALNT87 p.Asn150 ys
TAB2: p.Asp605Asn
EATP2A2: p.Gly594Cys NAT10: p.Gli430Leu
AOAH: p.Ser65Thr
ACCEBP 2: p.Asp605Asn
EATP2A2: p.Gly594Cys NAT10: p.Gli430Leu
EATP2A2: p.Gly594Cys NAT10: p.Gli430Leu
AOAH: p.Ser65Thr
ACCEBP 2: p.Asp605Asp
EATP2A2: p.Gly594Cys NAT10: p.Gli430Leu
EATP2A2: p.Gly594Cys NAT10: p.Gli430Leu
EATP2A2: p.Gly594Cys NAT10: p.Gli430Leu
EATP2A2: p.Gly837Cys
EATP2A2: p.Gly847Cys
EATP2A2: p GALNT87:ppAsm150 = vs VAF of cn53C (CIS+AIS)