cn42C vs. cn42P Synonymous mutations Functional mutations Cancer genes \* PCDH10: p.Ser121LeufsTer7 HROB: p.Ala216Val AARSD1: p.Arg296= MALRD1: p.Trp1423Cys SCNN1D: p.Lys637Glu OR52R1:/p.Cys100Gly Primary) AARSD1: p.Arg296= SLC35F3: p.Val139Leu MYEF2: p.Ile352Thr NUP37: p.Thr269Asn OR5M8/: p.Leu29= MUC5AC: p.Arg422= TP53: p.Arg273His AHR: p.Ser693Phe MAD1L/1: p.Met324Lys HBE1: p.Glu22LysfsTer48 TMEM175: p.His333Asn DCLK3: p.Leu666= ELNC: p.Tyr141=
3Cvs

FLNC: p.Tyr141= USH2A: p.Pro111Thr LIN37: p.Ala121Ser #\$\text{Property in the property of the proper OR10S1: p.Glu280Val RNF1 ZNF135: p\Tyr574Ph OR2L2: p:\ai\begin{array}{c} bLey ASAP1:2p.Leu8115phe SLC6A1 ITGAX2 p.Ala1144Pro/ KRTAP10-7: p.Leu21-pro Ala482-pro p.Arg401His KIF6: p.Thr5Ser ZNF536-Ala482-pro p.Arg401His KIF6: p.Thr5Ser DLG2: p.Glu72Val SMM17: p.Arg24= C10orf71: p.Leu270= NACA: p.Leu276-p. TRIM64C: p.His123=: p.Leu293Ile DUSP5: p.His204= DCAF4L2: p.Asn212 JECAB2: p.Arg3851rp 6A4: p.Ile211Thr Ap. Ile 107Pheis Ter II RALYLip Ala 71Thr Cin 42Pro OR4Q3: p. Arg 269Ser Pho 23 Ile III P. Asn 190Ile 1386Asn OR4Q3: p. Arg 269Ser Pho 23 Ile III P. Asn 190Ile 1386Asn OR4Q3: p. Arg 269Ser Pho 23 Ile III P. Asn 190Ile 1386Asn OR4Q3: p. Arg 269Ser Pho 23 Ile III P. Asn 190Ile 1386Asn OR4Q3: p. Arg 269Ser Pho 23 Ile III P. Asn 190Ile 1386Asn OR4Q3: p. Arg 269Ser Pho 23 Ile III P. Asn 190Ile 1386Asn OR4Q3: p. Arg 269Ser Pho 23 Ile III P. Asn 190Ile 1386Asn OR4Q3: p. Arg 269Ser Pho 23 Ile III P. Asn 190Ile 1386Asn OR4Q3: p. Asp 43 Glup 190Ile RBM25: p.Arg42513: TERICH3: TMEM225: p.Thr89=30Tyr ZBRY. p. Chri 76 ± TRIM49B p. Glu98Asp PDE1C: p. Gln525 = ATXN7L1: ISF3B3: pTMEM132C: p. Glu1007Gln p. Arg 78He 735Arg WDR17: p. Gly900Cys FAM135B: p. Arg 14Leu SLC14A2: p. Asp 101Glu ASD1: pNAH5: p. Gly32Cys: p. Tyr539Cys ZBTB46: p. Gly249Val VRK3: p. Ser 281Ser St 140L: p. Trp220Arg MMP16: p. Gly249Val VRK3: p. Arg 281Ser St 140L: p. Trp220Arg DNAH5: prCys3109Phe630delinsGluATUBB8B: p. Gln131Ter VRTs2: p. Ser 243 = 0.2 0.4

VAF of cn42C (CIS+AIS)