cn52C vs. cn52P SLC6A19: p.Thr228Ser DMXI 1... A HTR3E: n Acn 150 TO COMMITTEE DMXI 1... A HTR3E: n Acn 150 TO COMMITTEE DMXI 1... A HTR3E: n Acn 150 TO COMMITTEE DMXI 1... A HTR3E: n Acn 150 TO COMMITTEE DMXI 1... A HTR3E: n Acn 150 TO COMMITTEE DMXI 1... A HTR3E: n Acn 150 TO COMMITTEE DMXI 1... A HTR3E: n Acn 150 TO COMMITTEE DMXI 1... A HTR3E: n Acn 150 TO COMMITTEE DMXI 1... A HTR3E: n Acn 150 TO COMMITTEE DMXI 1... A HTR3E: n Acn 150 TO COMMITTEE DMXI 1... A HTR3E: n Acn 150 TO COMMITTEE DMXI 1... A HTR3E: n Acn 150 TO COMMITTEE DMXI 1... A HTR3E: n Acn 150 TO COMMITTEE DMXI 1... A HTR3E: n Acn 150 TO COMMITTEE DMXI 1... A HTR3E: n Acn 150 TO COMMITTEE DMXI 1... A HTR3E: n Acn 150 TO COMMITTEE DMXI 1... A HTR3E: n Acn 150 TO COMMITTEE DMXI 1... A HTR3E: n Acn 150 TO COMMITTEE DMXI 1... A HTR3E: n Acn 150 TO COMMITTEE DMXI 1... A HTR3E: n Acn 150 TO COMMITTEE DMXI 1... A HTR3E: n Acn 150 TO COMMITTEE DMXI 1... A HTR3E: n Acn 150 TO COMMITTEE DMXI 1... A HTR3E: n Acn 150 TO COMMITTEE DMXI 1... A HTR3E: n Acn 150 TO COMMITTEE DMXI 1... A HTR3E: n Acn 150 TO COMMITTEE DMXI 1... A HTR3E: n Acn 150 TO COMMITTEE DMXI 1... A HTR3E: n Acn 150 TO COMMITTEE DMXI 1... A HTR3E: n Acn 150 TO COMMITTEE DMXI 1... A HTR3E: n Acn 150 TO COMMITTEE DMXI 1... A HTR3E: n Acn 150 TO COMMITTEE DMXI 1... A HTR3E: n Acn 150 TO COMMITTEE DMXI 1... A HTR3E: n Acn 150 TO COMMITTEE DMXI 1... A HTR3E: n Acn 150 TO COMMITTEE DMXI 1... A HTR3E: n Acn 150 TO COMMITTEE DMXI 1... A HTR3E: n Acn 150 TO COMMITTEE DMXI 1... A HTR3E: n Acn 150 TO COMMITTEE DMXI 1... A HTR3E: n Acn 150 TO COMMITTEE DMXI 1... A HTR3E: n Acn 150 TO COMMITTEE DMXI 1... A HTR3E: n Acn 150 TO COMMITTEE DMXI 1... A HTR3E: n Acn 150 TO COMMITTEE DMXI 1... A HTR3E: n Acn 150 TO COMMITTEE DMXI 1... A HTR3E: n Acn 150 TO COMMITTEE DMXI 1... A HTR3E: n Acn 150 TO COMMITTEE DMXI 1... A HTR3E: n Acn 150 TO COMMITTEE DMXI 1... A HTR3E: n Acn 150 TO COMMITTEE DMXI 1... A HTR3E: n Acn 150 TO COMMITTEE DMXI 1... A HTR3E: n Acn 150 TO COMMITTEE DMXI 1... A HTR3E: n Acn 150 TO COMMITTEE DMXI 1... Synonymous mutations Functional mutations Cancer genes PLXNA4: p.Val419-C444AB TRPM4: p.Leu200= SPEG: p.Gly3265= CDKN2A: p.Ser152GlnfsTer3 LPAR2: p.Leu195 MUC17: p.Ser4121Arg FFAR1: p.Val237Ile DLAT: p.Leu372Phe DDO: p.Leu172= DYRK4: p.Ser612Phe ZFHX4: p.Cys2113 PF3: p.Arg363His KSR2: p.Ser531 PRR / SMTN: p.Leu716= OLAH: p.Leu253Vallara PRRX2: p.Ala146= LPO: p.Ser103Phe o62= NBAS: p.Pro/TArg ZNF234: p.Lys659Asn ZNF234: p.Lys659Asn SLC30A3: p.Pro62= HCK: p.Glu367Gln/ STAU1: p.Glu423Ter TTN: p.Glu4102Lys CD22: p.Val525SerfsTer32 DOP1. 106Asn ZNF383: p.Arg32Lys DOP/IA: p.Ser1/304Cys OR5B12: p.Tyr33Ter SNX4: p.Asp406Asn WDR87: p.Met222Ile COL2A1: p.Gly723Ser BRCA2: p.Glu1571Lys GABRA2: p.Ala465Ser WDR47: p.Ser549Gly AHRR: p.Gly359TrpfsTer3 ADAMTS9: p.Gly1895= HS3ST4: p.Pro157ArgfsTer72 PPP1R13L: p.Ser324Leu LAMA2: p.Gly1661Asp AKAP5: p.His257Asn CABLES1: p.Pro47Leu 0.0 0.0 0.2 8.0 1.0 0.4 0.6

CCF of cn52C (CIS+AIS)