

Mutation	Mutation and CNA	CNA
<i>NRAS, DDR2, IDH1, ROS1, SMO, GNAQ, RET, HRAS, MAP2K1, IDH2, GNA11, DNMT3A, XPO1, NFE2L2, SF3B1, VHL, MYD88, RHOA, CSF1R, NPM1, EZH2, ABL1, NOTCH1, PLEKHS1, WDR74, SDHD, PTPN11, POLE, FLT3, TSHR, B2M, SPOP, SRC, GNAS, U2AF1, MAPK1, ARAF, MED12</i>	<i>MTOR, JAK1, ALK, ERBB4, RAF1, CTNNB1, PIK3CA, FGFR3, PDGFRA, KIT, FGFR4, ESR1, EGFR, MET, BRAF, FGFR1, JAK2, FGFR2, KRAS, ERBB3, CDK4, AKT1, ERBB2, AR, MDM4, MLH1, KDR, TERT, RAC1, AURKA</i>	<i>MYCN, CDK6, MCL1, MDM2, NKX2-1, CCNE1, CDC274, PDCD1LG2, RPPH1, HS6ST3</i>

Supplementary Fig. 1. Custom cancer panel (OncoChase-AS) gene list. The 95 cancer related genes in the OncoChase-AS panel. CNA, copy number alteration.