

SUPPLEMENTARY TABLE 1

AKT1_E17K_G49A	CTNNB1_S33_97T	KRAS_G13_38G	PIK3CA_E110K	PIK3R1_N564K
AKT1_G173R_G517C	CTNNB1_S37_109T	KRAS_Q61_181C	PIK3CA_E418K	PRKAG1_R70Q
AKT1_K179M_A536T	CTNNB1_S33_97T	KRAS_Q61_183A	PIK3CA_E453K	PRKAG2_N488I
AKT2_G175R_G523C	CTNNB1_S37_109T	MEK1_D67N_G119A	PIK3CA_E542_1624G	RET_M018T
AKT3_E17K_G49K	CTNNB1_S37_110C	MET_H1112_3335	PIK3CA_E542_1625A	Rictor_M675I_G2025A
AKT3_G171R_G511A	CTNNB1_S45_133T	MET_H1112Y_C3334T	PIK3CA_E545_1633G	Rictor_S159F_C476T
ALK_I174I_T3520A	CTNNB1_S45_134C	MET_M1268T_T3803C	PIK3CA_E545_1634A	STK11_D194_A591T
ALK_A877S_G2G29T	Dear1_new	MET_NB48S	PIK3CA_E545_1635G	STK11_D194_G590
ALK_D1091N_G3271A	EGFR_G719_G2155	MET_R988C	PIK3CA_F909L	STK11_F354L_C1062G
ALK_F1245C_T3734G	EGFR_K860I_A2579T	MET_T1010I_C3029T	PIK3CA_G1049R	STK11_P281I_C842T
ALK_F1245V_T3734G	EGFR_L858R_TG	MET_Y1248_T3742	PIK3CA_H1047	KIT_D816H_GC
ALK_I1171N_T3512A	EGFR_S720P_T2158C	MET_Y1253D_T3757G	PIK3CA_H1047_1	KIT_D816V_AT
ALK_I150T_T3749C	EGFR_T790M_C2369T_Splice	NRAS_G12_G34	PIK3CA_H1047Y	KIT_K642E_AG
ALK_L560F_G1680C	EGFR_T854I_C2561T	NRAS_G12_G35	PIK3CA_H701P	KIT_L576P_TC
ALK_M1166R_T3497G	EGFR_Y813C_A2438G	NRAS_G13_G38	PIK3CA_K111N	KIT_N556D_AG
ALK_R1275Q	ERa_G400V	NRAS_Q61_A182	PIK3CA_M1043I_G3129	KIT_R634W_CT
BRAF_D594_1781A	FRAP_M135T_T404C	NRAS_Q61_A183	PIK3CA_M1043V	KIT_V559_T
BRAF_E586K_1756GA_SPLICE	GNAS_Q227_C65I	NRAS_Q61_C18I	PIK3CA_N345K	KIT_V560D_TA_SPLICE
BRAF_G466_1397G	GNAS_R201_C60I	PDGFRA_D842_A2525T	PIK3CA_P539R	KIT_V825A_TC
BRAF_G466R_1396_GC	HIF1A_Q697E_C2089G	PDGFRA_D842_G2524	PIK3CA_Q060K	KIT_Y553N_TA
BRAF_G469_1407A	IDH1_R132_C394T	PDGFRA_E996K_G2986	PIK3CA_Q546_1636C	
BRAF_K601E_AG	IDH1_R132_G295T	PDGFRA_N659K_C1977A	PIK3CA_Q546_1637A1	
BRAF_L597R_1790TG	IDH2_R172_A514T	PDGFRA_N659Y_A1975T	PIK3CA_R088Q	
BRAF_V600_1798G_1	IDH2_R172_G515	PDGFRA_V561D_T1682A	PIK3CA_S405F	
BRAF_V600_1799T_2	JAK2_V617F_G1849T	PDGFRA_V824L_G2470C	PIK3CA_T1025_3073A	
BRAF_V600_1800G	KRAS_A146_436	PDPK1_D527E_C1581G	PIK3CA_Y1021_3061T	
CDK4_R24C_C70T_2	KRAS_G10R	PDPK1_T354M_C1061T	PIK3CA_Y1021C_3062	
CDK4_R24H_G71A	KRAS_G12_34G	PIK3CA_A1046V	PIK3R1_D560Y	
CTNNB1_D32_94G	KRAS_G12_35G	PIK3CA_C420R	PIK3R1_intron1	
CTNNB1_G34_101G	KRAS_G13_37G	PIK3CA_C420R_2	PIK3R1_intron2	