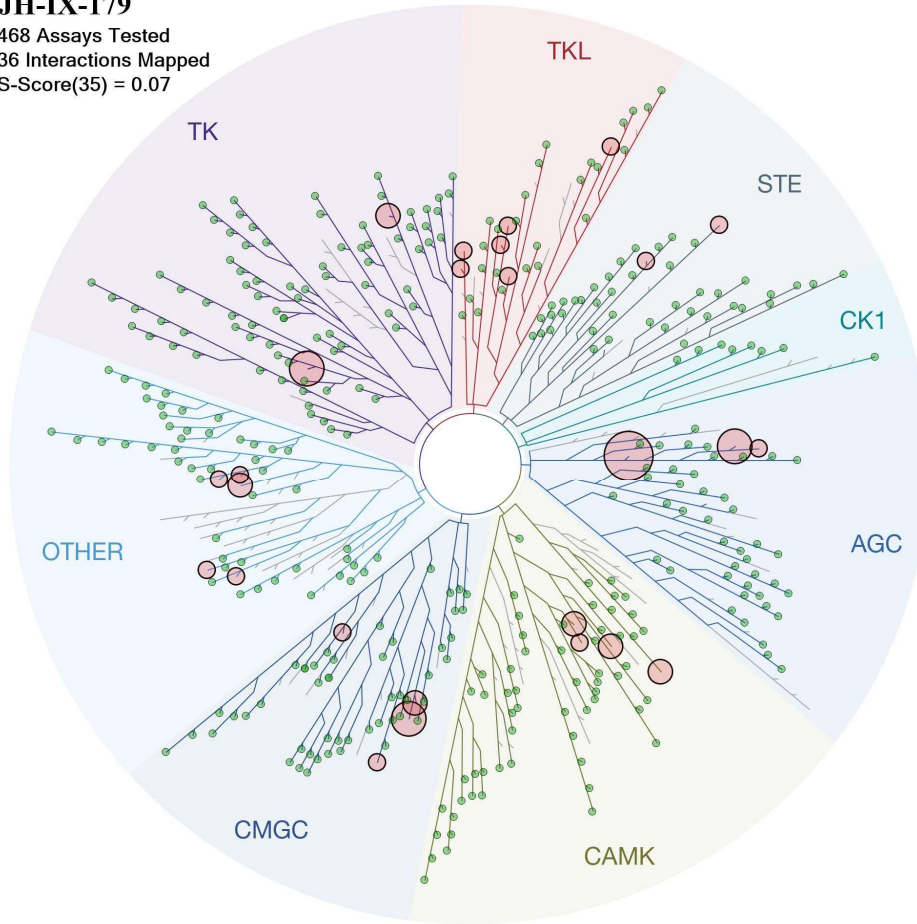


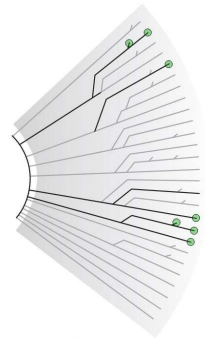
JH-IX-179

468 Assays Tested
36 Interactions Mapped
S-Score(35) = 0.07

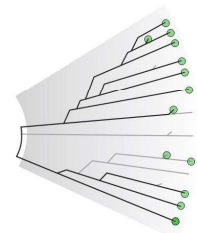


ATYPICAL

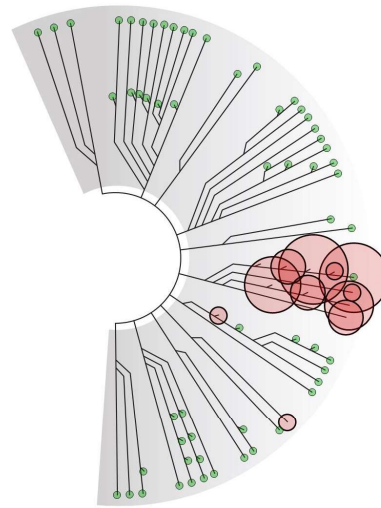
MUTANT



LIPID



PATHOGEN



Compound Name	DiscoverX Gene Symbol	Entrez Gene Symbol	Percent Control	Compound Concentration (nM)
JH-IX-179	AAK1	AAK1	34	1000
JH-IX-179	ABL1(E255K)-phosphorylated	ABL1	59	1000
JH-IX-179	ABL1(F317I)-nonphosphorylated	ABL1	100	1000
JH-IX-179	ABL1(F317I)-phosphorylated	ABL1	94	1000
JH-IX-179	ABL1(F317L)-nonphosphorylated	ABL1	100	1000
JH-IX-179	ABL1(F317L)-phosphorylated	ABL1	98	1000
JH-IX-179	ABL1(H396P)-nonphosphorylated	ABL1	74	1000
JH-IX-179	ABL1(H396P)-phosphorylated	ABL1	95	1000
JH-IX-179	ABL1(M351T)-phosphorylated	ABL1	79	1000
JH-IX-179	ABL1(Q252H)-nonphosphorylated	ABL1	55	1000
JH-IX-179	ABL1(Q252H)-phosphorylated	ABL1	98	1000
JH-IX-179	ABL1(T315I)-nonphosphorylated	ABL1	100	1000
JH-IX-179	ABL1(T315I)-phosphorylated	ABL1	99	1000
JH-IX-179	ABL1(Y253F)-phosphorylated	ABL1	100	1000
JH-IX-179	ABL1-nonphosphorylated	ABL1	80	1000
JH-IX-179	ABL1-phosphorylated	ABL1	76	1000
JH-IX-179	ABL2	ABL2	95	1000
JH-IX-179	ACVR1	ACVR1	22	1000
JH-IX-179	ACVR1B	ACVR1B	92	1000
JH-IX-179	ACVR2A	ACVR2A	32	1000
JH-IX-179	ACVR2B	ACVR2B	33	1000
JH-IX-179	ACVRL1	ACVRL1	62	1000
JH-IX-179	ADCK3	CABC1	100	1000
JH-IX-179	ADCK4	ADCK4	89	1000
JH-IX-179	AKT1	AKT1	97	1000
JH-IX-179	AKT2	AKT2	100	1000
JH-IX-179	AKT3	AKT3	100	1000
JH-IX-179	ALK	ALK	99	1000
JH-IX-179	ALK(C1156Y)	ALK	100	1000
JH-IX-179	ALK(L1196M)	ALK	100	1000
JH-IX-179	AMPK-alpha1	PRKAA1	94	1000
JH-IX-179	AMPK-alpha2	PRKAA2	96	1000
JH-IX-179	ANKK1	ANKK1	100	1000
JH-IX-179	ARK5	NUAK1	40	1000
JH-IX-179	ASK1	MAP3K5	98	1000
JH-IX-179	ASK2	MAP3K6	100	1000
JH-IX-179	AURKA	AURKA	100	1000
JH-IX-179	AURKB	AURKB	91	1000
JH-IX-179	AURKC	AURKC	92	1000
JH-IX-179	AXL	AXL	80	1000
JH-IX-179	BIKE	BMP2K	62	1000
JH-IX-179	BLK	BLK	92	1000
JH-IX-179	BMPR1A	BMPR1A	80	1000
JH-IX-179	BMPR1B	BMPR1B	62	1000
JH-IX-179	BMPR2	BMPR2	100	1000

JH-IX-179	BMX	BMX	100	1000
JH-IX-179	BRAF	BRAF	96	1000
JH-IX-179	BRAF(V600E)	BRAF	99	1000
JH-IX-179	BRK	PTK6	89	1000
JH-IX-179	BRSK1	BRSK1	65	1000
JH-IX-179	BRSK2	BRSK2	71	1000
JH-IX-179	BTK	BTK	91	1000
JH-IX-179	BUB1	BUB1	43	1000
JH-IX-179	CAMK1	CAMK1	77	1000
JH-IX-179	CAMK1B	PNCK	70	1000
JH-IX-179	CAMK1D	CAMK1D	42	1000
JH-IX-179	CAMK1G	CAMK1G	94	1000
JH-IX-179	CAMK2A	CAMK2A	83	1000
JH-IX-179	CAMK2B	CAMK2B	97	1000
JH-IX-179	CAMK2D	CAMK2D	92	1000
JH-IX-179	CAMK2G	CAMK2G	90	1000
JH-IX-179	CAMK4	CAMK4	100	1000
JH-IX-179	CAMKK1	CAMKK1	51	1000
JH-IX-179	CAMKK2	CAMKK2	18	1000
JH-IX-179	CASK	CASK	93	1000
JH-IX-179	CDC2L1	CDK11B	98	1000
JH-IX-179	CDC2L2	CDC2L2	94	1000
JH-IX-179	CDC2L5	CDK13	100	1000
JH-IX-179	CDK11	CDK19	82	1000
JH-IX-179	CDK2	CDK2	95	1000
JH-IX-179	CDK3	CDK3	95	1000
JH-IX-179	CDK4	CDK4	100	1000
JH-IX-179	CDK4-cyclinD1	CDK4	76	1000
JH-IX-179	CDK4-cyclinD3	CDK4	100	1000
JH-IX-179	CDK5	CDK5	97	1000
JH-IX-179	CDK7	CDK7	27	1000
JH-IX-179	CDK8	CDK8	99	1000
JH-IX-179	CDK9	CDK9	100	1000
JH-IX-179	CDKL1	CDKL1	87	1000
JH-IX-179	CDKL2	CDKL2	91	1000
JH-IX-179	CDKL3	CDKL3	83	1000
JH-IX-179	CDKL5	CDKL5	100	1000
JH-IX-179	CHEK1	CHEK1	88	1000
JH-IX-179	CHEK2	CHEK2	57	1000
JH-IX-179	CIT	CIT	0.55	1000
JH-IX-179	CLK1	CLK1	9.5	1000
JH-IX-179	CLK2	CLK2	67	1000
JH-IX-179	CLK3	CLK3	89	1000
JH-IX-179	CLK4	CLK4	3.6	1000
JH-IX-179	CSF1R	CSF1R	69	1000
JH-IX-179	CSF1R-autoinhibited	CSF1R	100	1000
JH-IX-179	CSK	CSK	96	1000

JH-IX-179	CSNK1A1	CSNK1A1	63	1000
JH-IX-179	CSNK1A1L	CSNK1A1L	82	1000
JH-IX-179	CSNK1D	CSNK1D	95	1000
JH-IX-179	CSNK1E	CSNK1E	96	1000
JH-IX-179	CSNK1G1	CSNK1G1	90	1000
JH-IX-179	CSNK1G2	CSNK1G2	99	1000
JH-IX-179	CSNK1G3	CSNK1G3	77	1000
JH-IX-179	CSNK2A1	CSNK2A1	59	1000
JH-IX-179	CSNK2A2	CSNK2A2	26	1000
JH-IX-179	CTK	MATK	89	1000
JH-IX-179	DAPK1	DAPK1	94	1000
JH-IX-179	DAPK2	DAPK2	88	1000
JH-IX-179	DAPK3	DAPK3	74	1000
JH-IX-179	DCAMKL1	DCLK1	92	1000
JH-IX-179	DCAMKL2	DCLK2	95	1000
JH-IX-179	DCAMKL3	DCLK3	100	1000
JH-IX-179	DDR1	DDR1	100	1000
JH-IX-179	DDR2	DDR2	93	1000
JH-IX-179	DLK	MAP3K12	100	1000
JH-IX-179	DMPK	DMPK	100	1000
JH-IX-179	DMPK2	CDC42BPG	94	1000
JH-IX-179	DRAK1	STK17A	98	1000
JH-IX-179	DRAK2	STK17B	97	1000
JH-IX-179	DYRK1A	DYRK1A	53	1000
JH-IX-179	DYRK1B	DYRK1B	71	1000
JH-IX-179	DYRK2	DYRK2	36	1000
JH-IX-179	EGFR	EGFR	79	1000
JH-IX-179	EGFR(E746-A750del)	EGFR	93	1000
JH-IX-179	EGFR(G719C)	EGFR	96	1000
JH-IX-179	EGFR(G719S)	EGFR	94	1000
JH-IX-179	EGFR(L747-E749del, A750P)	EGFR	77	1000
JH-IX-179	EGFR(L747-S752del, P753S)	EGFR	80	1000
JH-IX-179	EGFR(L747-T751del,Sins)	EGFR	91	1000
JH-IX-179	EGFR(L858R)	EGFR	84	1000
JH-IX-179	EGFR(L858R,T790M)	EGFR	93	1000
JH-IX-179	EGFR(L861Q)	EGFR	100	1000
JH-IX-179	EGFR(S752-I759del)	EGFR	78	1000
JH-IX-179	EGFR(T790M)	EGFR	100	1000
JH-IX-179	EIF2AK1	EIF2AK1	100	1000
JH-IX-179	EPHA1	EPHA1	100	1000
JH-IX-179	EPHA2	EPHA2	100	1000
JH-IX-179	EPHA3	EPHA3	100	1000
JH-IX-179	EPHA4	EPHA4	100	1000
JH-IX-179	EPHA5	EPHA5	97	1000
JH-IX-179	EPHA6	EPHA6	100	1000
JH-IX-179	EPHA7	EPHA7	100	1000
JH-IX-179	EPHA8	EPHA8	100	1000

JH-IX-179	EPHB1	EPHB1	100	1000
JH-IX-179	EPHB2	EPHB2	100	1000
JH-IX-179	EPHB3	EPHB3	99	1000
JH-IX-179	EPHB4	EPHB4	100	1000
JH-IX-179	EPHB6	EPHB6	72	1000
JH-IX-179	ERBB2	ERBB2	97	1000
JH-IX-179	ERBB3	ERBB3	78	1000
JH-IX-179	ERBB4	ERBB4	88	1000
JH-IX-179	ERK1	MAPK3	100	1000
JH-IX-179	ERK2	MAPK1	100	1000
JH-IX-179	ERK3	MAPK6	88	1000
JH-IX-179	ERK4	MAPK4	86	1000
JH-IX-179	ERK5	MAPK7	95	1000
JH-IX-179	ERK8	MAPK15	96	1000
JH-IX-179	ERN1	ERN1	98	1000
JH-IX-179	FAK	PTK2	94	1000
JH-IX-179	FER	FER	91	1000
JH-IX-179	FES	FES	95	1000
JH-IX-179	FGFR1	FGFR1	98	1000
JH-IX-179	FGFR2	FGFR2	100	1000
JH-IX-179	FGFR3	FGFR3	100	1000
JH-IX-179	FGFR3(G697C)	FGFR3	100	1000
JH-IX-179	FGFR4	FGFR4	92	1000
JH-IX-179	FGR	FGR	100	1000
JH-IX-179	FLT1	FLT1	100	1000
JH-IX-179	FLT3	FLT3	8.9	1000
JH-IX-179	FLT3(D835H)	FLT3	52	1000
JH-IX-179	FLT3(D835V)	FLT3	0.05	1000
JH-IX-179	FLT3(D835Y)	FLT3	11	1000
JH-IX-179	FLT3(ITD)	FLT3	0.6	1000
JH-IX-179	FLT3(ITD,D835V)	FLT3	0.1	1000
JH-IX-179	FLT3(ITD,F691L)	FLT3	1.1	1000
JH-IX-179	FLT3(K663Q)	FLT3	15	1000
JH-IX-179	FLT3(N841I)	FLT3	0	1000
JH-IX-179	FLT3(R834Q)	FLT3	1.6	1000
JH-IX-179	FLT3-autoinhibited	FLT3	3	1000
JH-IX-179	FLT4	FLT4	100	1000
JH-IX-179	FRK	FRK	91	1000
JH-IX-179	FYN	FYN	68	1000
JH-IX-179	GAK	GAK	34	1000
JH-IX-179	GCN2(Kin.Dom.2,S808G)	EIF2AK4	85	1000
JH-IX-179	GRK1	GRK1	99	1000
JH-IX-179	GRK2	ADRBK1	85	1000
JH-IX-179	GRK3	ADRBK2	78	1000
JH-IX-179	GRK4	GRK4	77	1000
JH-IX-179	GRK7	GRK7	100	1000
JH-IX-179	GSK3A	GSK3A	83	1000

JH-IX-179	GSK3B	GSK3B	91	1000
JH-IX-179	HASPIN	GSG2	6.8	1000
JH-IX-179	HCK	HCK	91	1000
JH-IX-179	HIPK1	HIPK1	71	1000
JH-IX-179	HIPK2	HIPK2	22	1000
JH-IX-179	HIPK3	HIPK3	90	1000
JH-IX-179	HIPK4	HIPK4	61	1000
JH-IX-179	HPK1	MAP4K1	79	1000
JH-IX-179	HUNK	HUNK	96	1000
JH-IX-179	ICK	ICK	100	1000
JH-IX-179	IGF1R	IGF1R	100	1000
JH-IX-179	IKK-alpha	CHUK	89	1000
JH-IX-179	IKK-beta	IKBKB	86	1000
JH-IX-179	IKK-epsilon	IKBKE	100	1000
JH-IX-179	INSR	INSR	100	1000
JH-IX-179	INSRR	INSRR	96	1000
JH-IX-179	IRAK1	IRAK1	25	1000
JH-IX-179	IRAK3	IRAK3	16	1000
JH-IX-179	IRAK4	IRAK4	37	1000
JH-IX-179	ITK	ITK	88	1000
JH-IX-179	JAK1(JH1domain-catalytic)	JAK1	100	1000
JH-IX-179	JAK1(JH2domain-pseudokina	JAK1	98	1000
JH-IX-179	JAK2(JH1domain-catalytic)	JAK2	100	1000
JH-IX-179	JAK3(JH1domain-catalytic)	JAK3	67	1000
JH-IX-179	JNK1	MAPK8	100	1000
JH-IX-179	JNK2	MAPK9	100	1000
JH-IX-179	JNK3	MAPK10	100	1000
JH-IX-179	KIT	KIT	57	1000
JH-IX-179	KIT(A829P)	KIT	59	1000
JH-IX-179	KIT(D816H)	KIT	61	1000
JH-IX-179	KIT(D816V)	KIT	46	1000
JH-IX-179	KIT(L576P)	KIT	46	1000
JH-IX-179	KIT(V559D)	KIT	35	1000
JH-IX-179	KIT(V559D,T670I)	KIT	54	1000
JH-IX-179	KIT(V559D,V654A)	KIT	86	1000
JH-IX-179	KIT-autoinhibited	KIT	94	1000
JH-IX-179	LATS1	LATS1	96	1000
JH-IX-179	LATS2	LATS2	100	1000
JH-IX-179	LCK	LCK	63	1000
JH-IX-179	LIMK1	LIMK1	100	1000
JH-IX-179	LIMK2	LIMK2	100	1000
JH-IX-179	LKB1	STK11	87	1000
JH-IX-179	LOK	STK10	95	1000
JH-IX-179	LRRK2	LRRK2	37	1000
JH-IX-179	LRRK2(G2019S)	LRRK2	32	1000
JH-IX-179	LTK	LTK	100	1000
JH-IX-179	LYN	LYN	96	1000

JH-IX-179	LZK	MAP3K13	100	1000
JH-IX-179	MAK	MAK	79	1000
JH-IX-179	MAP3K1	MAP3K1	96	1000
JH-IX-179	MAP3K15	MAP3K15	100	1000
JH-IX-179	MAP3K2	MAP3K2	100	1000
JH-IX-179	MAP3K3	MAP3K3	97	1000
JH-IX-179	MAP3K4	MAP3K4	100	1000
JH-IX-179	MAP4K2	MAP4K2	20	1000
JH-IX-179	MAP4K3	MAP4K3	73	1000
JH-IX-179	MAP4K4	MAP4K4	48	1000
JH-IX-179	MAP4K5	MAP4K5	80	1000
JH-IX-179	MAPKAPK2	MAPKAPK2	100	1000
JH-IX-179	MAPKAPK5	MAPKAPK5	100	1000
JH-IX-179	MARK1	MARK1	96	1000
JH-IX-179	MARK2	MARK2	88	1000
JH-IX-179	MARK3	MARK3	100	1000
JH-IX-179	MARK4	MARK4	100	1000
JH-IX-179	MAST1	MAST1	93	1000
JH-IX-179	MEK1	MAP2K1	100	1000
JH-IX-179	MEK2	MAP2K2	98	1000
JH-IX-179	MEK3	MAP2K3	100	1000
JH-IX-179	MEK4	MAP2K4	100	1000
JH-IX-179	MEK5	MAP2K5	80	1000
JH-IX-179	MEK6	MAP2K6	100	1000
JH-IX-179	MELK	MELK	86	1000
JH-IX-179	MERTK	MERTK	82	1000
JH-IX-179	MET	MET	97	1000
JH-IX-179	MET(M1250T)	MET	92	1000
JH-IX-179	MET(Y1235D)	MET	100	1000
JH-IX-179	MINK	MINK1	28	1000
JH-IX-179	MKK7	MAP2K7	100	1000
JH-IX-179	MKNK1	MKNK1	100	1000
JH-IX-179	MKNK2	MKNK2	9.7	1000
JH-IX-179	MLCK	MYLK3	96	1000
JH-IX-179	MLK1	MAP3K9	92	1000
JH-IX-179	MLK2	MAP3K10	100	1000
JH-IX-179	MLK3	MAP3K11	96	1000
JH-IX-179	MRCKA	CDC42BPA	87	1000
JH-IX-179	MRCKB	CDC42BPB	81	1000
JH-IX-179	MST1	STK4	99	1000
JH-IX-179	MST1R	MST1R	100	1000
JH-IX-179	MST2	STK3	77	1000
JH-IX-179	MST3	STK24	96	1000
JH-IX-179	MST4	MST4	100	1000
JH-IX-179	MTOR	MTOR	100	1000
JH-IX-179	MUSK	MUSK	100	1000
JH-IX-179	MYLK	MYLK	99	1000

JH-IX-179	MYLK2	MYLK2	90	1000
JH-IX-179	MYLK4	MYLK4	6.1	1000
JH-IX-179	MYO3A	MYO3A	95	1000
JH-IX-179	MYO3B	MYO3B	100	1000
JH-IX-179	NDR1	STK38	100	1000
JH-IX-179	NDR2	STK38L	97	1000
JH-IX-179	NEK1	NEK1	100	1000
JH-IX-179	NEK10	NEK10	100	1000
JH-IX-179	NEK11	NEK11	100	1000
JH-IX-179	NEK2	NEK2	91	1000
JH-IX-179	NEK3	NEK3	100	1000
JH-IX-179	NEK4	NEK4	100	1000
JH-IX-179	NEK5	NEK5	98	1000
JH-IX-179	NEK6	NEK6	100	1000
JH-IX-179	NEK7	NEK7	100	1000
JH-IX-179	NEK9	NEK9	97	1000
JH-IX-179	NIK	MAP3K14	49	1000
JH-IX-179	NIM1	MGC42105	100	1000
JH-IX-179	NLK	NLK	92	1000
JH-IX-179	OSR1	OXR1	100	1000
JH-IX-179	p38-alpha	MAPK14	100	1000
JH-IX-179	p38-beta	MAPK11	97	1000
JH-IX-179	p38-delta	MAPK13	97	1000
JH-IX-179	p38-gamma	MAPK12	100	1000
JH-IX-179	PAK1	PAK1	100	1000
JH-IX-179	PAK2	PAK2	78	1000
JH-IX-179	PAK3	PAK3	95	1000
JH-IX-179	PAK4	PAK4	99	1000
JH-IX-179	PAK6	PAK6	100	1000
JH-IX-179	PAK7	PAK7	100	1000
JH-IX-179	PCK1	CDK16	100	1000
JH-IX-179	PCK2	CDK17	80	1000
JH-IX-179	PCK3	CDK18	82	1000
JH-IX-179	PDGFRA	PDGFRA	39	1000
JH-IX-179	PDGFRB	PDGFRB	39	1000
JH-IX-179	PDPK1	PDPK1	100	1000
JH-IX-179	PFCDPK1(P.falciparum)	CDPK1	90	1000
JH-IX-179	PFPK5(P.falciparum)	MAL13P1.279	100	1000
JH-IX-179	PFTAIRE2	CDK15	85	1000
JH-IX-179	PFTK1	CDK14	81	1000
JH-IX-179	PHKG1	PHKG1	9	1000
JH-IX-179	PHKG2	PHKG2	35	1000
JH-IX-179	PIK3C2B	PIK3C2B	100	1000
JH-IX-179	PIK3C2G	PIK3C2G	100	1000
JH-IX-179	PIK3CA	PIK3CA	100	1000
JH-IX-179	PIK3CA(C420R)	PIK3CA	100	1000
JH-IX-179	PIK3CA(E542K)	PIK3CA	100	1000

JH-IX-179	PIK3CA(E545A)	PIK3CA	90	1000
JH-IX-179	PIK3CA(E545K)	PIK3CA	100	1000
JH-IX-179	PIK3CA(H1047L)	PIK3CA	100	1000
JH-IX-179	PIK3CA(H1047Y)	PIK3CA	84	1000
JH-IX-179	PIK3CA(I800L)	PIK3CA	100	1000
JH-IX-179	PIK3CA(M1043I)	PIK3CA	100	1000
JH-IX-179	PIK3CA(Q546K)	PIK3CA	100	1000
JH-IX-179	PIK3CB	PIK3CB	100	1000
JH-IX-179	PIK3CD	PIK3CD	100	1000
JH-IX-179	PIK3CG	PIK3CG	100	1000
JH-IX-179	PIK4CB	PI4KB	89	1000
JH-IX-179	PIKFYVE	PIKFYVE	87	1000
JH-IX-179	PIM1	PIM1	93	1000
JH-IX-179	PIM2	PIM2	65	1000
JH-IX-179	PIM3	PIM3	46	1000
JH-IX-179	PIP5K1A	PIP5K1A	69	1000
JH-IX-179	PIP5K1C	PIP5K1C	100	1000
JH-IX-179	PIP5K2B	PIP4K2B	100	1000
JH-IX-179	PIP5K2C	PIP4K2C	85	1000
JH-IX-179	PKAC-alpha	PRKACA	98	1000
JH-IX-179	PKAC-beta	PRKACB	97	1000
JH-IX-179	PKMYT1	PKMYT1	76	1000
JH-IX-179	PKN1	PKN1	56	1000
JH-IX-179	PKN2	PKN2	64	1000
JH-IX-179	PKNB(M.tuberculosis)	pknB	100	1000
JH-IX-179	PLK1	PLK1	100	1000
JH-IX-179	PLK2	PLK2	83	1000
JH-IX-179	PLK3	PLK3	100	1000
JH-IX-179	PLK4	PLK4	100	1000
JH-IX-179	PRKCD	PRKCD	90	1000
JH-IX-179	PRKCE	PRKCE	84	1000
JH-IX-179	PRKCH	PRKCH	100	1000
JH-IX-179	PRKCI	PRKCI	100	1000
JH-IX-179	PRKCQ	PRKCQ	87	1000
JH-IX-179	PRKD1	PRKD1	100	1000
JH-IX-179	PRKD2	PRKD2	86	1000
JH-IX-179	PRKD3	PRKD3	74	1000
JH-IX-179	PRKG1	PRKG1	79	1000
JH-IX-179	PRKG2	PRKG2	83	1000
JH-IX-179	PRKR	EIF2AK2	100	1000
JH-IX-179	PRKX	PRKX	69	1000
JH-IX-179	PRP4	PRPF4B	86	1000
JH-IX-179	PYK2	PTK2B	100	1000
JH-IX-179	QSK	KIAA0999	87	1000
JH-IX-179	RAF1	RAF1	84	1000
JH-IX-179	RET	RET	86	1000
JH-IX-179	RET(M918T)	RET	77	1000

JH-IX-179	RET(V804L)	RET	75	1000
JH-IX-179	RET(V804M)	RET	69	1000
JH-IX-179	RIOK1	RIOK1	100	1000
JH-IX-179	RIOK2	RIOK2	60	1000
JH-IX-179	RIOK3	RIOK3	49	1000
JH-IX-179	RIPK1	RIPK1	97	1000
JH-IX-179	RIPK2	RIPK2	77	1000
JH-IX-179	RIPK4	RIPK4	89	1000
JH-IX-179	RIPK5	DSTYK	88	1000
JH-IX-179	ROCK1	ROCK1	13	1000
JH-IX-179	ROCK2	ROCK2	2	1000
JH-IX-179	ROS1	ROS1	95	1000
JH-IX-179	RPS6KA4(Kin.Dom.1-N-termi	RPS6KA4	90	1000
JH-IX-179	RPS6KA4(Kin.Dom.2-C-termi	RPS6KA4	89	1000
JH-IX-179	RPS6KA5(Kin.Dom.1-N-termi	RPS6KA5	99	1000
JH-IX-179	RPS6KA5(Kin.Dom.2-C-termi	RPS6KA5	89	1000
JH-IX-179	RSK1(Kin.Dom.1-N-terminal)	RPS6KA1	74	1000
JH-IX-179	RSK1(Kin.Dom.2-C-terminal)	RPS6KA1	95	1000
JH-IX-179	RSK2(Kin.Dom.1-N-terminal)	RPS6KA3	72	1000
JH-IX-179	RSK2(Kin.Dom.2-C-terminal)	RPS6KA3	68	1000
JH-IX-179	RSK3(Kin.Dom.1-N-terminal)	RPS6KA2	79	1000
JH-IX-179	RSK3(Kin.Dom.2-C-terminal)	RPS6KA2	93	1000
JH-IX-179	RSK4(Kin.Dom.1-N-terminal)	RPS6KA6	55	1000
JH-IX-179	RSK4(Kin.Dom.2-C-terminal)	RPS6KA6	97	1000
JH-IX-179	S6K1	RPS6KB1	100	1000
JH-IX-179	SBK1	SBK1	100	1000
JH-IX-179	SGK	SGK1	55	1000
JH-IX-179	SgK110	SgK110	99	1000
JH-IX-179	SGK2	SGK2	100	1000
JH-IX-179	SGK3	SGK3	100	1000
JH-IX-179	SIK	SIK1	96	1000
JH-IX-179	SIK2	SIK2	46	1000
JH-IX-179	SLK	SLK	83	1000
JH-IX-179	SNARK	NUAK2	73	1000
JH-IX-179	SNRK	SNRK	100	1000
JH-IX-179	SRC	SRC	89	1000
JH-IX-179	SRMS	SRMS	95	1000
JH-IX-179	SRPK1	SRPK1	93	1000
JH-IX-179	SRPK2	SRPK2	100	1000
JH-IX-179	SRPK3	SRPK3	77	1000
JH-IX-179	STK16	STK16	86	1000
JH-IX-179	STK33	STK33	42	1000
JH-IX-179	STK35	STK35	97	1000
JH-IX-179	STK36	STK36	89	1000
JH-IX-179	STK39	STK39	93	1000
JH-IX-179	SYK	SYK	84	1000
JH-IX-179	TAK1	MAP3K7	32	1000

JH-IX-179	TAOK1	TAOK1	100	1000
JH-IX-179	TAOK2	TAOK2	100	1000
JH-IX-179	TAOK3	TAOK3	100	1000
JH-IX-179	TBK1	TBK1	95	1000
JH-IX-179	TEC	TEC	100	1000
JH-IX-179	TESK1	TESK1	100	1000
JH-IX-179	TGFBR1	TGFBR1	94	1000
JH-IX-179	TGFBR2	TGFBR2	100	1000
JH-IX-179	TIE1	TIE1	100	1000
JH-IX-179	TIE2	TEK	94	1000
JH-IX-179	TLK1	TLK1	99	1000
JH-IX-179	TLK2	TLK2	99	1000
JH-IX-179	TNIK	TNIK	50	1000
JH-IX-179	TNK1	TNK1	85	1000
JH-IX-179	TNK2	TNK2	90	1000
JH-IX-179	TNNI3K	TNNI3K	73	1000
JH-IX-179	TRKA	NTRK1	5.9	1000
JH-IX-179	TRKB	NTRK2	50	1000
JH-IX-179	TRKC	NTRK3	52	1000
JH-IX-179	TRPM6	TRPM6	100	1000
JH-IX-179	TSSK1B	TSSK1B	97	1000
JH-IX-179	TSSK3	TSSK3	100	1000
JH-IX-179	TTK	TTK	36	1000
JH-IX-179	TXK	TXK	100	1000
JH-IX-179	TYK2(JH1domain-catalytic)	TYK2	100	1000
JH-IX-179	TYK2(JH2domain-pseudokinase)	TYK2	96	1000
JH-IX-179	TYRO3	TYRO3	74	1000
JH-IX-179	ULK1	ULK1	100	1000
JH-IX-179	ULK2	ULK2	71	1000
JH-IX-179	ULK3	ULK3	100	1000
JH-IX-179	VEGFR2	KDR	85	1000
JH-IX-179	VPS34	PIK3C3	100	1000
JH-IX-179	VRK2	VRK2	87	1000
JH-IX-179	WEE1	WEE1	84	1000
JH-IX-179	WEE2	WEE2	87	1000
JH-IX-179	WNK1	WNK1	99	1000
JH-IX-179	WNK2	WNK2	100	1000
JH-IX-179	WNK3	WNK3	100	1000
JH-IX-179	WNK4	WNK4	100	1000
JH-IX-179	YANK1	STK32A	100	1000
JH-IX-179	YANK2	STK32B	92	1000
JH-IX-179	YANK3	STK32C	100	1000
JH-IX-179	YES	YES1	100	1000
JH-IX-179	YSK1	STK25	100	1000
JH-IX-179	YSK4	MAP3K19	44	1000
JH-IX-179	ZAK	ZAK	97	1000
JH-IX-179	ZAP70	ZAP70	100	1000