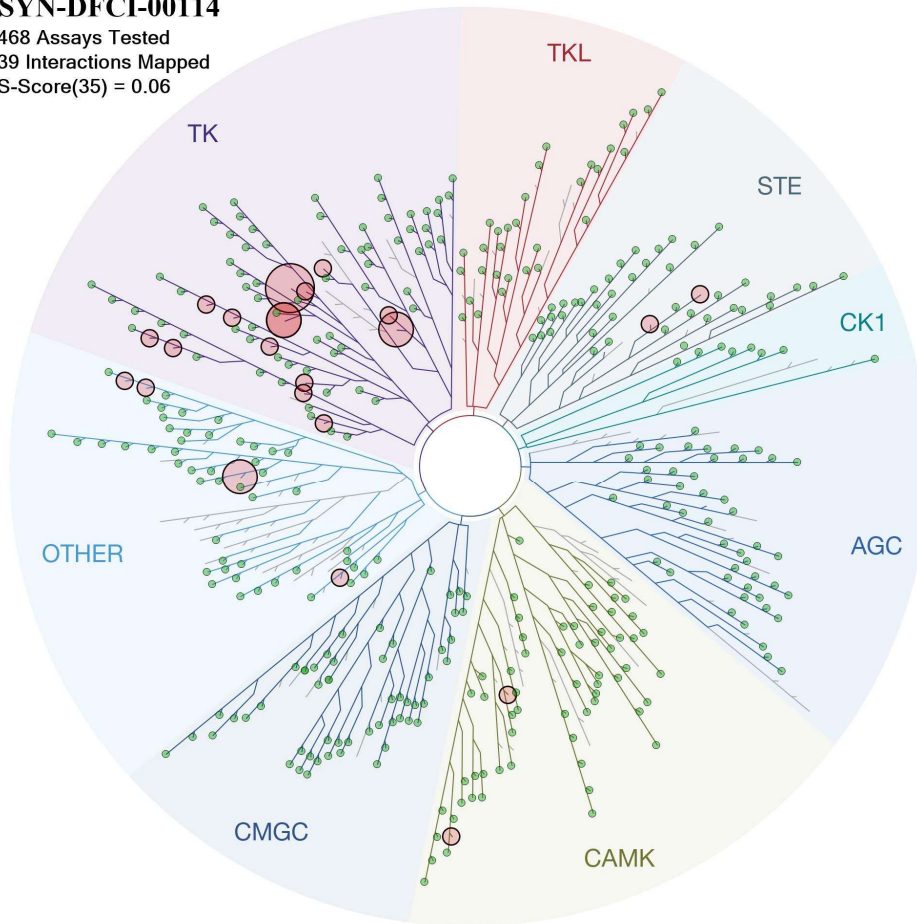


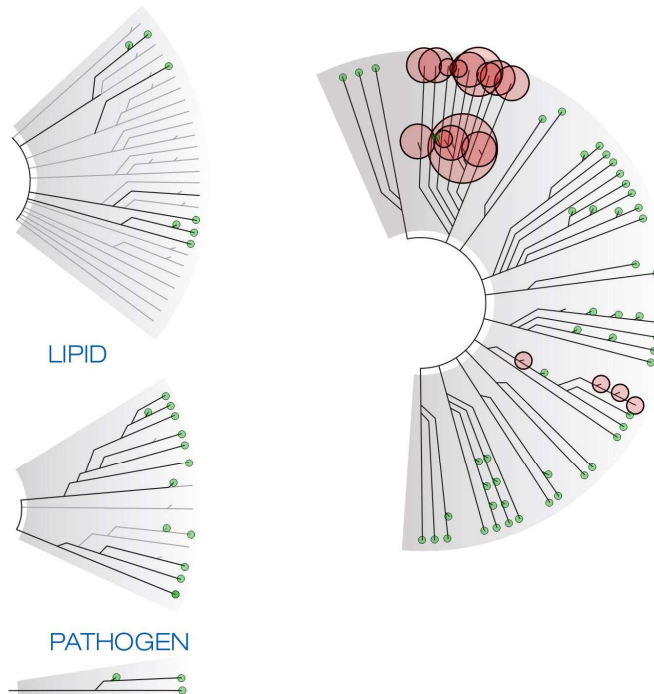
**SYN-DFCI-00114**

468 Assays Tested  
39 Interactions Mapped  
S-Score(35) = 0.06



ATYPICAL

MUTANT



Compound Name	DiscoverX Gene Symbol	Entrez Gene Symbol	Percent Control	Compound Concentration (nM)
SYN-DFCI-00114	AAK1	AAK1	95	1000
SYN-DFCI-00114	ABL1(E255K)-phosphorylated	ABL1	1.1	1000
SYN-DFCI-00114	ABL1(F317I)-nonphosphorylated	ABL1	11	1000
SYN-DFCI-00114	ABL1(F317I)-phosphorylated	ABL1	14	1000
SYN-DFCI-00114	ABL1(F317L)-nonphosphorylated	ABL1	3.3	1000
SYN-DFCI-00114	ABL1(F317L)-phosphorylated	ABL1	3.1	1000
SYN-DFCI-00114	ABL1(H396P)-nonphosphorylated	ABL1	1.6	1000
SYN-DFCI-00114	ABL1(H396P)-phosphorylated	ABL1	1	1000
SYN-DFCI-00114	ABL1(M351T)-phosphorylated	ABL1	2.2	1000
SYN-DFCI-00114	ABL1(Q252H)-nonphosphorylated	ABL1	0	1000
SYN-DFCI-00114	ABL1(Q252H)-phosphorylated	ABL1	9.2	1000
SYN-DFCI-00114	ABL1(T315I)-nonphosphorylated	ABL1	95	1000
SYN-DFCI-00114	ABL1(T315I)-phosphorylated	ABL1	28	1000
SYN-DFCI-00114	ABL1(Y253F)-phosphorylated	ABL1	0.6	1000
SYN-DFCI-00114	ABL1-nonphosphorylated	ABL1	4.1	1000
SYN-DFCI-00114	ABL1-phosphorylated	ABL1	1.9	1000
SYN-DFCI-00114	ABL2	ABL2	40	1000
SYN-DFCI-00114	ACVR1	ACVR1	97	1000
SYN-DFCI-00114	ACVR1B	ACVR1B	94	1000
SYN-DFCI-00114	ACVR2A	ACVR2A	100	1000
SYN-DFCI-00114	ACVR2B	ACVR2B	100	1000
SYN-DFCI-00114	ACVRL1	ACVRL1	88	1000
SYN-DFCI-00114	ADCK3	CABC1	100	1000
SYN-DFCI-00114	ADCK4	ADCK4	100	1000
SYN-DFCI-00114	AKT1	AKT1	97	1000
SYN-DFCI-00114	AKT2	AKT2	95	1000
SYN-DFCI-00114	AKT3	AKT3	100	1000
SYN-DFCI-00114	ALK	ALK	82	1000
SYN-DFCI-00114	ALK(C1156Y)	ALK	56	1000
SYN-DFCI-00114	ALK(L1196M)	ALK	65	1000
SYN-DFCI-00114	AMPK-alpha1	PRKAA1	95	1000
SYN-DFCI-00114	AMPK-alpha2	PRKAA2	79	1000
SYN-DFCI-00114	ANKK1	ANKK1	98	1000
SYN-DFCI-00114	ARK5	NUAK1	84	1000
SYN-DFCI-00114	ASK1	MAP3K5	100	1000
SYN-DFCI-00114	ASK2	MAP3K6	99	1000
SYN-DFCI-00114	AURKA	AURKA	100	1000
SYN-DFCI-00114	AURKB	AURKB	84	1000
SYN-DFCI-00114	AURKC	AURKC	100	1000
SYN-DFCI-00114	AXL	AXL	98	1000
SYN-DFCI-00114	BIKE	BMP2K	89	1000
SYN-DFCI-00114	BLK	BLK	48	1000
SYN-DFCI-00114	BMPR1A	BMPR1A	88	1000
SYN-DFCI-00114	BMPR1B	BMPR1B	100	1000
SYN-DFCI-00114	BMPR2	BMPR2	87	1000

SYN-DFCI-00114	BMX	BMX	100	1000
SYN-DFCI-00114	BRAF	BRAF	100	1000
SYN-DFCI-00114	BRAF(V600E)	BRAF	100	1000
SYN-DFCI-00114	BRK	PTK6	36	1000
SYN-DFCI-00114	BRSK1	BRSK1	100	1000
SYN-DFCI-00114	BRSK2	BRSK2	64	1000
SYN-DFCI-00114	BTK	BTK	40	1000
SYN-DFCI-00114	BUB1	BUB1	65	1000
SYN-DFCI-00114	CAMK1	CAMK1	90	1000
SYN-DFCI-00114	CAMK1B	PNCK	74	1000
SYN-DFCI-00114	CAMK1D	CAMK1D	78	1000
SYN-DFCI-00114	CAMK1G	CAMK1G	98	1000
SYN-DFCI-00114	CAMK2A	CAMK2A	99	1000
SYN-DFCI-00114	CAMK2B	CAMK2B	100	1000
SYN-DFCI-00114	CAMK2D	CAMK2D	90	1000
SYN-DFCI-00114	CAMK2G	CAMK2G	89	1000
SYN-DFCI-00114	CAMK4	CAMK4	100	1000
SYN-DFCI-00114	CAMKK1	CAMKK1	90	1000
SYN-DFCI-00114	CAMKK2	CAMKK2	89	1000
SYN-DFCI-00114	CASK	CASK	89	1000
SYN-DFCI-00114	CDC2L1	CDK11B	100	1000
SYN-DFCI-00114	CDC2L2	CDC2L2	100	1000
SYN-DFCI-00114	CDC2L5	CDK13	94	1000
SYN-DFCI-00114	CDK11	CDK19	91	1000
SYN-DFCI-00114	CDK2	CDK2	100	1000
SYN-DFCI-00114	CDK3	CDK3	100	1000
SYN-DFCI-00114	CDK4	CDK4	100	1000
SYN-DFCI-00114	CDK4-cyclinD1	CDK4	96	1000
SYN-DFCI-00114	CDK4-cyclinD3	CDK4	100	1000
SYN-DFCI-00114	CDK5	CDK5	97	1000
SYN-DFCI-00114	CDK7	CDK7	89	1000
SYN-DFCI-00114	CDK8	CDK8	100	1000
SYN-DFCI-00114	CDK9	CDK9	100	1000
SYN-DFCI-00114	CDKL1	CDKL1	99	1000
SYN-DFCI-00114	CDKL2	CDKL2	100	1000
SYN-DFCI-00114	CDKL3	CDKL3	97	1000
SYN-DFCI-00114	CDKL5	CDKL5	100	1000
SYN-DFCI-00114	CHEK1	CHEK1	35	1000
SYN-DFCI-00114	CHEK2	CHEK2	95	1000
SYN-DFCI-00114	CIT	CIT	100	1000
SYN-DFCI-00114	CLK1	CLK1	100	1000
SYN-DFCI-00114	CLK2	CLK2	100	1000
SYN-DFCI-00114	CLK3	CLK3	100	1000
SYN-DFCI-00114	CLK4	CLK4	95	1000
SYN-DFCI-00114	CSF1R	CSF1R	69	1000
SYN-DFCI-00114	CSF1R-autoinhibited	CSF1R	100	1000
SYN-DFCI-00114	CSK	CSK	75	1000

SYN-DFCI-00114	CSNK1A1	CSNK1A1	100	1000
SYN-DFCI-00114	CSNK1A1L	CSNK1A1L	100	1000
SYN-DFCI-00114	CSNK1D	CSNK1D	100	1000
SYN-DFCI-00114	CSNK1E	CSNK1E	100	1000
SYN-DFCI-00114	CSNK1G1	CSNK1G1	100	1000
SYN-DFCI-00114	CSNK1G2	CSNK1G2	90	1000
SYN-DFCI-00114	CSNK1G3	CSNK1G3	100	1000
SYN-DFCI-00114	CSNK2A1	CSNK2A1	99	1000
SYN-DFCI-00114	CSNK2A2	CSNK2A2	100	1000
SYN-DFCI-00114	CTK	MATK	92	1000
SYN-DFCI-00114	DAPK1	DAPK1	100	1000
SYN-DFCI-00114	DAPK2	DAPK2	100	1000
SYN-DFCI-00114	DAPK3	DAPK3	98	1000
SYN-DFCI-00114	DCAMKL1	DCLK1	99	1000
SYN-DFCI-00114	DCAMKL2	DCLK2	100	1000
SYN-DFCI-00114	DCAMKL3	DCLK3	96	1000
SYN-DFCI-00114	DDR1	DDR1	73	1000
SYN-DFCI-00114	DDR2	DDR2	80	1000
SYN-DFCI-00114	DLK	MAP3K12	99	1000
SYN-DFCI-00114	DMPK	DMPK	100	1000
SYN-DFCI-00114	DMPK2	CDC42BPG	99	1000
SYN-DFCI-00114	DRAK1	STK17A	100	1000
SYN-DFCI-00114	DRAK2	STK17B	100	1000
SYN-DFCI-00114	DYRK1A	DYRK1A	91	1000
SYN-DFCI-00114	DYRK1B	DYRK1B	80	1000
SYN-DFCI-00114	DYRK2	DYRK2	100	1000
SYN-DFCI-00114	EGFR	EGFR	52	1000
SYN-DFCI-00114	EGFR(E746-A750del)	EGFR	76	1000
SYN-DFCI-00114	EGFR(G719C)	EGFR	55	1000
SYN-DFCI-00114	EGFR(G719S)	EGFR	92	1000
SYN-DFCI-00114	EGFR(L747-E749del, A750P)	EGFR	43	1000
SYN-DFCI-00114	EGFR(L747-S752del, P753S)	EGFR	73	1000
SYN-DFCI-00114	EGFR(L747-T751del,Sins)	EGFR	57	1000
SYN-DFCI-00114	EGFR(L858R)	EGFR	63	1000
SYN-DFCI-00114	EGFR(L858R,T790M)	EGFR	79	1000
SYN-DFCI-00114	EGFR(L861Q)	EGFR	67	1000
SYN-DFCI-00114	EGFR(S752-I759del)	EGFR	41	1000
SYN-DFCI-00114	EGFR(T790M)	EGFR	74	1000
SYN-DFCI-00114	EIF2AK1	EIF2AK1	100	1000
SYN-DFCI-00114	EPHA1	EPHA1	28	1000
SYN-DFCI-00114	EPHA2	EPHA2	100	1000
SYN-DFCI-00114	EPHA3	EPHA3	100	1000
SYN-DFCI-00114	EPHA4	EPHA4	82	1000
SYN-DFCI-00114	EPHA5	EPHA5	90	1000
SYN-DFCI-00114	EPHA6	EPHA6	100	1000
SYN-DFCI-00114	EPHA7	EPHA7	98	1000
SYN-DFCI-00114	EPHA8	EPHA8	99	1000

SYN-DFCI-00114	EPHB1	EPHB1	20	1000
SYN-DFCI-00114	EPHB2	EPHB2	88	1000
SYN-DFCI-00114	EPHB3	EPHB3	35	1000
SYN-DFCI-00114	EPHB4	EPHB4	54	1000
SYN-DFCI-00114	EPHB6	EPHB6	65	1000
SYN-DFCI-00114	ERBB2	ERBB2	85	1000
SYN-DFCI-00114	ERBB3	ERBB3	100	1000
SYN-DFCI-00114	ERBB4	ERBB4	56	1000
SYN-DFCI-00114	ERK1	MAPK3	96	1000
SYN-DFCI-00114	ERK2	MAPK1	100	1000
SYN-DFCI-00114	ERK3	MAPK6	100	1000
SYN-DFCI-00114	ERK4	MAPK4	95	1000
SYN-DFCI-00114	ERK5	MAPK7	100	1000
SYN-DFCI-00114	ERK8	MAPK15	100	1000
SYN-DFCI-00114	ERN1	ERN1	40	1000
SYN-DFCI-00114	FAK	PTK2	32	1000
SYN-DFCI-00114	FER	FER	66	1000
SYN-DFCI-00114	FES	FES	56	1000
SYN-DFCI-00114	FGFR1	FGFR1	13	1000
SYN-DFCI-00114	FGFR2	FGFR2	56	1000
SYN-DFCI-00114	FGFR3	FGFR3	59	1000
SYN-DFCI-00114	FGFR3(G697C)	FGFR3	46	1000
SYN-DFCI-00114	FGFR4	FGFR4	11	1000
SYN-DFCI-00114	FGR	FGR	68	1000
SYN-DFCI-00114	FLT1	FLT1	57	1000
SYN-DFCI-00114	FLT3	FLT3	97	1000
SYN-DFCI-00114	FLT3(D835H)	FLT3	72	1000
SYN-DFCI-00114	FLT3(D835V)	FLT3	64	1000
SYN-DFCI-00114	FLT3(D835Y)	FLT3	67	1000
SYN-DFCI-00114	FLT3(ITD)	FLT3	93	1000
SYN-DFCI-00114	FLT3(ITD,D835V)	FLT3	64	1000
SYN-DFCI-00114	FLT3(ITD,F691L)	FLT3	46	1000
SYN-DFCI-00114	FLT3(K663Q)	FLT3	90	1000
SYN-DFCI-00114	FLT3(N841I)	FLT3	75	1000
SYN-DFCI-00114	FLT3(R834Q)	FLT3	87	1000
SYN-DFCI-00114	FLT3-autoinhibited	FLT3	100	1000
SYN-DFCI-00114	FLT4	FLT4	12	1000
SYN-DFCI-00114	FRK	FRK	18	1000
SYN-DFCI-00114	FYN	FYN	66	1000
SYN-DFCI-00114	GAK	GAK	4	1000
SYN-DFCI-00114	GCN2(Kin.Dom.2,S808G)	EIF2AK4	20	1000
SYN-DFCI-00114	GRK1	GRK1	100	1000
SYN-DFCI-00114	GRK2	ADRBK1	100	1000
SYN-DFCI-00114	GRK3	ADRBK2	100	1000
SYN-DFCI-00114	GRK4	GRK4	100	1000
SYN-DFCI-00114	GRK7	GRK7	100	1000
SYN-DFCI-00114	GSK3A	GSK3A	92	1000

SYN-DFCI-00114	GSK3B	GSK3B	100	1000
SYN-DFCI-00114	HASPIN	GSG2	81	1000
SYN-DFCI-00114	HCK	HCK	63	1000
SYN-DFCI-00114	HIPK1	HIPK1	100	1000
SYN-DFCI-00114	HIPK2	HIPK2	100	1000
SYN-DFCI-00114	HIPK3	HIPK3	98	1000
SYN-DFCI-00114	HIPK4	HIPK4	77	1000
SYN-DFCI-00114	HPK1	MAP4K1	90	1000
SYN-DFCI-00114	HUNK	HUNK	92	1000
SYN-DFCI-00114	ICK	ICK	87	1000
SYN-DFCI-00114	IGF1R	IGF1R	88	1000
SYN-DFCI-00114	IKK-alpha	CHUK	82	1000
SYN-DFCI-00114	IKK-beta	IKBKB	80	1000
SYN-DFCI-00114	IKK-epsilon	IKBKE	99	1000
SYN-DFCI-00114	INSR	INSR	87	1000
SYN-DFCI-00114	INSRR	INSRR	98	1000
SYN-DFCI-00114	IRAK1	IRAK1	90	1000
SYN-DFCI-00114	IRAK3	IRAK3	96	1000
SYN-DFCI-00114	IRAK4	IRAK4	85	1000
SYN-DFCI-00114	ITK	ITK	95	1000
SYN-DFCI-00114	JAK1(JH1domain-catalytic)	JAK1	93	1000
SYN-DFCI-00114	JAK1(JH2domain-pseudokinase)	JAK1	37	1000
SYN-DFCI-00114	JAK2(JH1domain-catalytic)	JAK2	81	1000
SYN-DFCI-00114	JAK3(JH1domain-catalytic)	JAK3	100	1000
SYN-DFCI-00114	JNK1	MAPK8	95	1000
SYN-DFCI-00114	JNK2	MAPK9	98	1000
SYN-DFCI-00114	JNK3	MAPK10	87	1000
SYN-DFCI-00114	KIT	KIT	48	1000
SYN-DFCI-00114	KIT(A829P)	KIT	34	1000
SYN-DFCI-00114	KIT(D816H)	KIT	33	1000
SYN-DFCI-00114	KIT(D816V)	KIT	30	1000
SYN-DFCI-00114	KIT(L576P)	KIT	69	1000
SYN-DFCI-00114	KIT(V559D)	KIT	30	1000
SYN-DFCI-00114	KIT(V559D,T670I)	KIT	96	1000
SYN-DFCI-00114	KIT(V559D,V654A)	KIT	94	1000
SYN-DFCI-00114	KIT-autoinhibited	KIT	39	1000
SYN-DFCI-00114	LATS1	LATS1	89	1000
SYN-DFCI-00114	LATS2	LATS2	79	1000
SYN-DFCI-00114	LCK	LCK	60	1000
SYN-DFCI-00114	LIMK1	LIMK1	97	1000
SYN-DFCI-00114	LIMK2	LIMK2	55	1000
SYN-DFCI-00114	LKB1	STK11	100	1000
SYN-DFCI-00114	LOK	STK10	93	1000
SYN-DFCI-00114	LRRK2	LRRK2	83	1000
SYN-DFCI-00114	LRRK2(G2019S)	LRRK2	87	1000
SYN-DFCI-00114	LTK	LTK	84	1000
SYN-DFCI-00114	LYN	LYN	82	1000

SYN-DFCI-00114	LZK	MAP3K13	100	1000
SYN-DFCI-00114	MAK	MAK	100	1000
SYN-DFCI-00114	MAP3K1	MAP3K1	85	1000
SYN-DFCI-00114	MAP3K15	MAP3K15	100	1000
SYN-DFCI-00114	MAP3K2	MAP3K2	100	1000
SYN-DFCI-00114	MAP3K3	MAP3K3	100	1000
SYN-DFCI-00114	MAP3K4	MAP3K4	95	1000
SYN-DFCI-00114	MAP4K2	MAP4K2	96	1000
SYN-DFCI-00114	MAP4K3	MAP4K3	100	1000
SYN-DFCI-00114	MAP4K4	MAP4K4	100	1000
SYN-DFCI-00114	MAP4K5	MAP4K5	100	1000
SYN-DFCI-00114	MAPKAPK2	MAPKAPK2	100	1000
SYN-DFCI-00114	MAPKAPK5	MAPKAPK5	100	1000
SYN-DFCI-00114	MARK1	MARK1	60	1000
SYN-DFCI-00114	MARK2	MARK2	100	1000
SYN-DFCI-00114	MARK3	MARK3	100	1000
SYN-DFCI-00114	MARK4	MARK4	70	1000
SYN-DFCI-00114	MAST1	MAST1	100	1000
SYN-DFCI-00114	MEK1	MAP2K1	84	1000
SYN-DFCI-00114	MEK2	MAP2K2	34	1000
SYN-DFCI-00114	MEK3	MAP2K3	89	1000
SYN-DFCI-00114	MEK4	MAP2K4	100	1000
SYN-DFCI-00114	MEK5	MAP2K5	20	1000
SYN-DFCI-00114	MEK6	MAP2K6	98	1000
SYN-DFCI-00114	MELK	MELK	56	1000
SYN-DFCI-00114	MERTK	MERTK	78	1000
SYN-DFCI-00114	MET	MET	100	1000
SYN-DFCI-00114	MET(M1250T)	MET	100	1000
SYN-DFCI-00114	MET(Y1235D)	MET	100	1000
SYN-DFCI-00114	MINK	MINK1	100	1000
SYN-DFCI-00114	MKK7	MAP2K7	100	1000
SYN-DFCI-00114	MKNK1	MKNK1	81	1000
SYN-DFCI-00114	MKNK2	MKNK2	93	1000
SYN-DFCI-00114	MLCK	MYLK3	100	1000
SYN-DFCI-00114	MLK1	MAP3K9	89	1000
SYN-DFCI-00114	MLK2	MAP3K10	59	1000
SYN-DFCI-00114	MLK3	MAP3K11	100	1000
SYN-DFCI-00114	MRCKA	CDC42BPA	100	1000
SYN-DFCI-00114	MRCKB	CDC42BPB	100	1000
SYN-DFCI-00114	MST1	STK4	100	1000
SYN-DFCI-00114	MST1R	MST1R	100	1000
SYN-DFCI-00114	MST2	STK3	99	1000
SYN-DFCI-00114	MST3	STK24	100	1000
SYN-DFCI-00114	MST4	MST4	100	1000
SYN-DFCI-00114	MTOR	MTOR	100	1000
SYN-DFCI-00114	MUSK	MUSK	100	1000
SYN-DFCI-00114	MYLK	MYLK	89	1000

SYN-DFCI-00114	MYLK2	MYLK2	99	1000
SYN-DFCI-00114	MYLK4	MYLK4	90	1000
SYN-DFCI-00114	MYO3A	MYO3A	100	1000
SYN-DFCI-00114	MYO3B	MYO3B	87	1000
SYN-DFCI-00114	NDR1	STK38	100	1000
SYN-DFCI-00114	NDR2	STK38L	100	1000
SYN-DFCI-00114	NEK1	NEK1	89	1000
SYN-DFCI-00114	NEK10	NEK10	100	1000
SYN-DFCI-00114	NEK11	NEK11	86	1000
SYN-DFCI-00114	NEK2	NEK2	97	1000
SYN-DFCI-00114	NEK3	NEK3	77	1000
SYN-DFCI-00114	NEK4	NEK4	100	1000
SYN-DFCI-00114	NEK5	NEK5	99	1000
SYN-DFCI-00114	NEK6	NEK6	85	1000
SYN-DFCI-00114	NEK7	NEK7	95	1000
SYN-DFCI-00114	NEK9	NEK9	95	1000
SYN-DFCI-00114	NIK	MAP3K14	93	1000
SYN-DFCI-00114	NIM1	MGC42105	100	1000
SYN-DFCI-00114	NLK	NLK	100	1000
SYN-DFCI-00114	OSR1	OXR1	96	1000
SYN-DFCI-00114	p38-alpha	MAPK14	100	1000
SYN-DFCI-00114	p38-beta	MAPK11	100	1000
SYN-DFCI-00114	p38-delta	MAPK13	100	1000
SYN-DFCI-00114	p38-gamma	MAPK12	100	1000
SYN-DFCI-00114	PAK1	PAK1	100	1000
SYN-DFCI-00114	PAK2	PAK2	86	1000
SYN-DFCI-00114	PAK3	PAK3	90	1000
SYN-DFCI-00114	PAK4	PAK4	96	1000
SYN-DFCI-00114	PAK6	PAK6	85	1000
SYN-DFCI-00114	PAK7	PAK7	100	1000
SYN-DFCI-00114	PCK1	CDK16	100	1000
SYN-DFCI-00114	PCK2	CDK17	100	1000
SYN-DFCI-00114	PCK3	CDK18	100	1000
SYN-DFCI-00114	PDGFRA	PDGFRA	79	1000
SYN-DFCI-00114	PDGFRB	PDGFRB	16	1000
SYN-DFCI-00114	PDPK1	PDPK1	98	1000
SYN-DFCI-00114	PFCDPK1(P.falciparum)	CDPK1	81	1000
SYN-DFCI-00114	PFPK5(P.falciparum)	MAL13P1.279	95	1000
SYN-DFCI-00114	PFTAIRE2	CDK15	100	1000
SYN-DFCI-00114	PFTK1	CDK14	100	1000
SYN-DFCI-00114	PHKG1	PHKG1	95	1000
SYN-DFCI-00114	PHKG2	PHKG2	99	1000
SYN-DFCI-00114	PIK3C2B	PIK3C2B	97	1000
SYN-DFCI-00114	PIK3C2G	PIK3C2G	92	1000
SYN-DFCI-00114	PIK3CA	PIK3CA	100	1000
SYN-DFCI-00114	PIK3CA(C420R)	PIK3CA	100	1000
SYN-DFCI-00114	PIK3CA(E542K)	PIK3CA	82	1000



SYN-DFCI-00114	PIK3CA(E545A)	PIK3CA	100	1000
SYN-DFCI-00114	PIK3CA(E545K)	PIK3CA	89	1000
SYN-DFCI-00114	PIK3CA(H1047L)	PIK3CA	88	1000
SYN-DFCI-00114	PIK3CA(H1047Y)	PIK3CA	90	1000
SYN-DFCI-00114	PIK3CA(I800L)	PIK3CA	98	1000
SYN-DFCI-00114	PIK3CA(M1043I)	PIK3CA	100	1000
SYN-DFCI-00114	PIK3CA(Q546K)	PIK3CA	85	1000
SYN-DFCI-00114	PIK3CB	PIK3CB	82	1000
SYN-DFCI-00114	PIK3CD	PIK3CD	94	1000
SYN-DFCI-00114	PIK3CG	PIK3CG	100	1000
SYN-DFCI-00114	PIK4CB	PI4KB	98	1000
SYN-DFCI-00114	PIKFYVE	PIKFYVE	93	1000
SYN-DFCI-00114	PIM1	PIM1	100	1000
SYN-DFCI-00114	PIM2	PIM2	95	1000
SYN-DFCI-00114	PIM3	PIM3	99	1000
SYN-DFCI-00114	PIP5K1A	PIP5K1A	90	1000
SYN-DFCI-00114	PIP5K1C	PIP5K1C	100	1000
SYN-DFCI-00114	PIP5K2B	PIP4K2B	100	1000
SYN-DFCI-00114	PIP5K2C	PIP4K2C	89	1000
SYN-DFCI-00114	PKAC-alpha	PRKACA	95	1000
SYN-DFCI-00114	PKAC-beta	PRKACB	100	1000
SYN-DFCI-00114	PKMYT1	PKMYT1	100	1000
SYN-DFCI-00114	PKN1	PKN1	100	1000
SYN-DFCI-00114	PKN2	PKN2	100	1000
SYN-DFCI-00114	PKNB(M.tuberculosis)	pknB	46	1000
SYN-DFCI-00114	PLK1	PLK1	13	1000
SYN-DFCI-00114	PLK2	PLK2	90	1000
SYN-DFCI-00114	PLK3	PLK3	26	1000
SYN-DFCI-00114	PLK4	PLK4	100	1000
SYN-DFCI-00114	PRKCD	PRKCD	77	1000
SYN-DFCI-00114	PRKCE	PRKCE	93	1000
SYN-DFCI-00114	PRKCH	PRKCH	95	1000
SYN-DFCI-00114	PRKCI	PRKCI	98	1000
SYN-DFCI-00114	PRKCQ	PRKCQ	100	1000
SYN-DFCI-00114	PRKD1	PRKD1	88	1000
SYN-DFCI-00114	PRKD2	PRKD2	86	1000
SYN-DFCI-00114	PRKD3	PRKD3	87	1000
SYN-DFCI-00114	PRKG1	PRKG1	100	1000
SYN-DFCI-00114	PRKG2	PRKG2	88	1000
SYN-DFCI-00114	PRKR	EIF2AK2	100	1000
SYN-DFCI-00114	PRKX	PRKX	93	1000
SYN-DFCI-00114	PRP4	PRPF4B	96	1000
SYN-DFCI-00114	PYK2	PTK2B	84	1000
SYN-DFCI-00114	QSK	KIAA0999	87	1000
SYN-DFCI-00114	RAF1	RAF1	77	1000
SYN-DFCI-00114	RET	RET	100	1000
SYN-DFCI-00114	RET(M918T)	RET	100	1000

SYN-DFCI-00114	RET(V804L)	RET	100	1000
SYN-DFCI-00114	RET(V804M)	RET	99	1000
SYN-DFCI-00114	RIOK1	RIOK1	99	1000
SYN-DFCI-00114	RIOK2	RIOK2	95	1000
SYN-DFCI-00114	RIOK3	RIOK3	100	1000
SYN-DFCI-00114	RIPK1	RIPK1	99	1000
SYN-DFCI-00114	RIPK2	RIPK2	92	1000
SYN-DFCI-00114	RIPK4	RIPK4	88	1000
SYN-DFCI-00114	RIPK5	DSTYK	84	1000
SYN-DFCI-00114	ROCK1	ROCK1	91	1000
SYN-DFCI-00114	ROCK2	ROCK2	91	1000
SYN-DFCI-00114	ROS1	ROS1	100	1000
SYN-DFCI-00114	RPS6KA4(Kin.Dom.1-N-terminal)	RPS6KA4	100	1000
SYN-DFCI-00114	RPS6KA4(Kin.Dom.2-C-terminal)	RPS6KA4	100	1000
SYN-DFCI-00114	RPS6KA5(Kin.Dom.1-N-terminal)	RPS6KA5	100	1000
SYN-DFCI-00114	RPS6KA5(Kin.Dom.2-C-terminal)	RPS6KA5	90	1000
SYN-DFCI-00114	RSK1(Kin.Dom.1-N-terminal)	RPS6KA1	90	1000
SYN-DFCI-00114	RSK1(Kin.Dom.2-C-terminal)	RPS6KA1	100	1000
SYN-DFCI-00114	RSK2(Kin.Dom.1-N-terminal)	RPS6KA3	100	1000
SYN-DFCI-00114	RSK2(Kin.Dom.2-C-terminal)	RPS6KA3	84	1000
SYN-DFCI-00114	RSK3(Kin.Dom.1-N-terminal)	RPS6KA2	95	1000
SYN-DFCI-00114	RSK3(Kin.Dom.2-C-terminal)	RPS6KA2	100	1000
SYN-DFCI-00114	RSK4(Kin.Dom.1-N-terminal)	RPS6KA6	100	1000
SYN-DFCI-00114	RSK4(Kin.Dom.2-C-terminal)	RPS6KA6	84	1000
SYN-DFCI-00114	S6K1	RPS6KB1	100	1000
SYN-DFCI-00114	SBK1	SBK1	100	1000
SYN-DFCI-00114	SGK	SGK1	100	1000
SYN-DFCI-00114	Sgk110	Sgk110	91	1000
SYN-DFCI-00114	SGK2	SGK2	91	1000
SYN-DFCI-00114	SGK3	SGK3	92	1000
SYN-DFCI-00114	SIK	SIK1	73	1000
SYN-DFCI-00114	SIK2	SIK2	21	1000
SYN-DFCI-00114	SLK	SLK	100	1000
SYN-DFCI-00114	SNARK	NUAK2	100	1000
SYN-DFCI-00114	SNRK	SNRK	100	1000
SYN-DFCI-00114	SRC	SRC	39	1000
SYN-DFCI-00114	SRMS	SRMS	0.9	1000
SYN-DFCI-00114	SRPK1	SRPK1	58	1000
SYN-DFCI-00114	SRPK2	SRPK2	80	1000
SYN-DFCI-00114	SRPK3	SRPK3	100	1000
SYN-DFCI-00114	STK16	STK16	90	1000
SYN-DFCI-00114	STK33	STK33	51	1000
SYN-DFCI-00114	STK35	STK35	100	1000
SYN-DFCI-00114	STK36	STK36	85	1000
SYN-DFCI-00114	STK39	STK39	100	1000
SYN-DFCI-00114	SYK	SYK	100	1000
SYN-DFCI-00114	TAK1	MAP3K7	97	1000

SYN-DFCI-00114	TAOK1	TAOK1	99	1000
SYN-DFCI-00114	TAOK2	TAOK2	90	1000
SYN-DFCI-00114	TAOK3	TAOK3	100	1000
SYN-DFCI-00114	TBK1	TBK1	96	1000
SYN-DFCI-00114	TEC	TEC	90	1000
SYN-DFCI-00114	TESK1	TESK1	96	1000
SYN-DFCI-00114	TGFBR1	TGFBR1	90	1000
SYN-DFCI-00114	TGFBR2	TGFBR2	91	1000
SYN-DFCI-00114	TIE1	TIE1	92	1000
SYN-DFCI-00114	TIE2	TEK	99	1000
SYN-DFCI-00114	TLK1	TLK1	100	1000
SYN-DFCI-00114	TLK2	TLK2	86	1000
SYN-DFCI-00114	TNIK	TNIK	100	1000
SYN-DFCI-00114	TNK1	TNK1	15	1000
SYN-DFCI-00114	TNK2	TNK2	4.2	1000
SYN-DFCI-00114	TNNI3K	TNNI3K	81	1000
SYN-DFCI-00114	TRKA	NTRK1	71	1000
SYN-DFCI-00114	TRKB	NTRK2	97	1000
SYN-DFCI-00114	TRKC	NTRK3	90	1000
SYN-DFCI-00114	TRPM6	TRPM6	100	1000
SYN-DFCI-00114	TSSK1B	TSSK1B	84	1000
SYN-DFCI-00114	TSSK3	TSSK3	96	1000
SYN-DFCI-00114	TTK	TTK	61	1000
SYN-DFCI-00114	TXK	TXK	74	1000
SYN-DFCI-00114	TYK2(JH1domain-catalytic)	TYK2	99	1000
SYN-DFCI-00114	TYK2(JH2domain-pseudokinase)	TYK2	11	1000
SYN-DFCI-00114	TYRO3	TYRO3	100	1000
SYN-DFCI-00114	ULK1	ULK1	69	1000
SYN-DFCI-00114	ULK2	ULK2	66	1000
SYN-DFCI-00114	ULK3	ULK3	90	1000
SYN-DFCI-00114	VEGFR2	KDR	50	1000
SYN-DFCI-00114	VPS34	PIK3C3	100	1000
SYN-DFCI-00114	VRK2	VRK2	90	1000
SYN-DFCI-00114	WEE1	WEE1	97	1000
SYN-DFCI-00114	WEE2	WEE2	90	1000
SYN-DFCI-00114	WNK1	WNK1	97	1000
SYN-DFCI-00114	WNK2	WNK2	88	1000
SYN-DFCI-00114	WNK3	WNK3	84	1000
SYN-DFCI-00114	WNK4	WNK4	94	1000
SYN-DFCI-00114	YANK1	STK32A	83	1000
SYN-DFCI-00114	YANK2	STK32B	71	1000
SYN-DFCI-00114	YANK3	STK32C	78	1000
SYN-DFCI-00114	YES	YES1	67	1000
SYN-DFCI-00114	YSK1	STK25	100	1000
SYN-DFCI-00114	YSK4	MAP3K19	84	1000
SYN-DFCI-00114	ZAK	ZAK	94	1000
SYN-DFCI-00114	ZAP70	ZAP70	89	1000