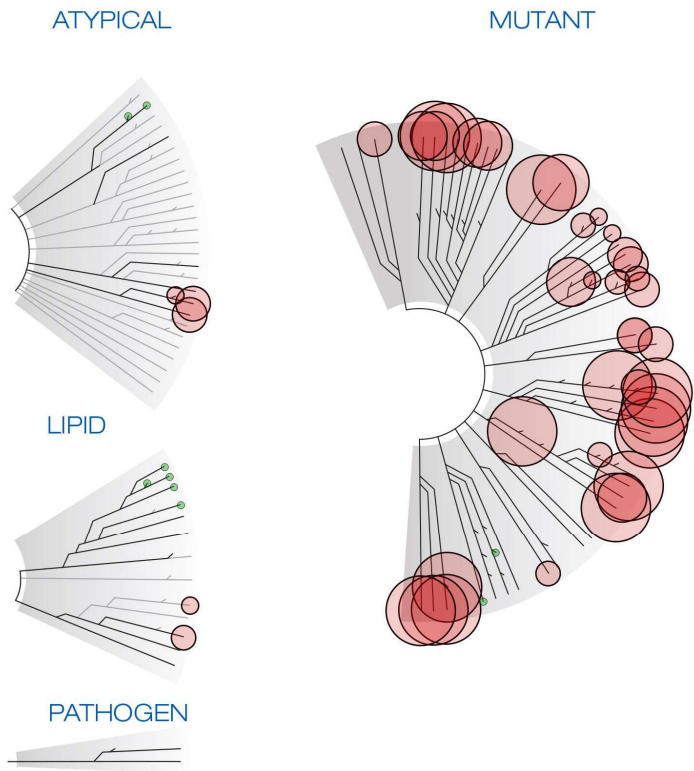
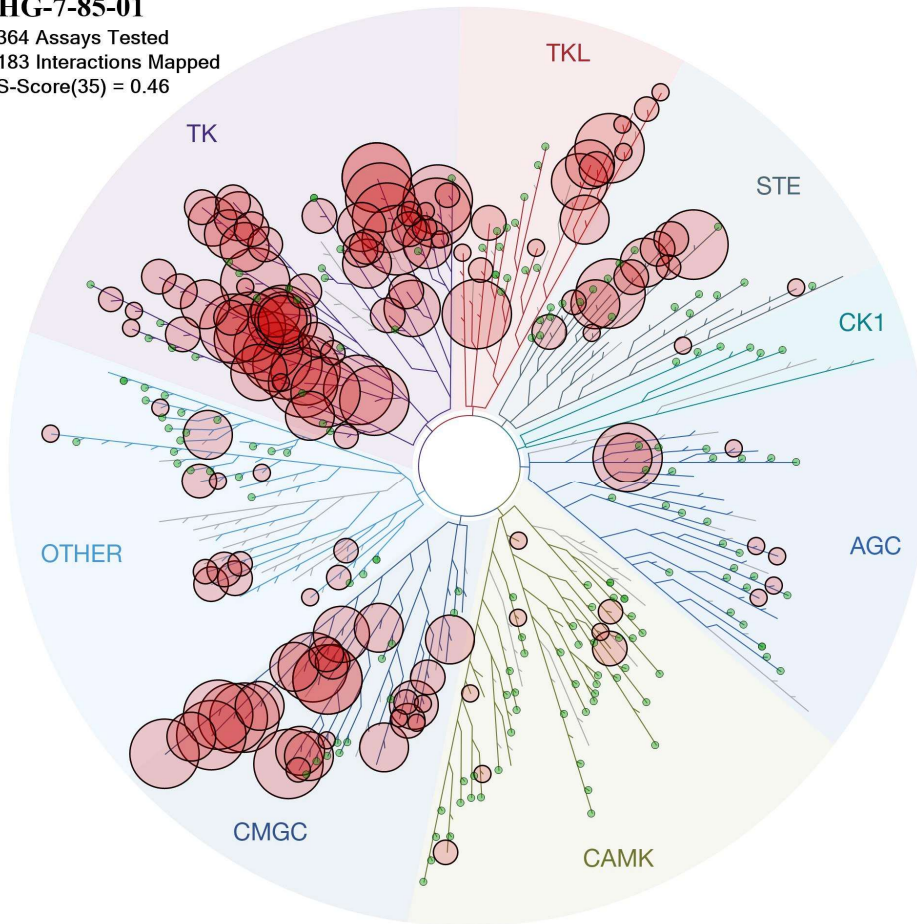


**HG-7-85-01**  
364 Assays Tested  
183 Interactions Mapped  
S-Score(35) = 0.46



Compound Name	DiscoverX Gene Symbol	Entrez Gene Symbol	Percent Control	Compound Concentration (nM)
HG-7-85-01	AAK1	AAK1	21	10000
HG-7-85-01	ABL1	ABL1	0.1	10000
HG-7-85-01	ABL1(E255K)	ABL1	0.7	10000
HG-7-85-01	ABL1(F317I)	ABL1	0	10000
HG-7-85-01	ABL1(F317L)	ABL1	0.15	10000
HG-7-85-01	ABL1(H396P)	ABL1	0.25	10000
HG-7-85-01	ABL1(M351T)	ABL1	0.15	10000
HG-7-85-01	ABL1(M351T)	ABL1	0.05	10000
HG-7-85-01	ABL1(Q252H)	ABL1	0.6	10000
HG-7-85-01	ABL1(T315I)	ABL1	0	10000
HG-7-85-01	ABL1(Y253F)	ABL1	0.8	10000
HG-7-85-01	ABL2	ABL2	0.2	10000
HG-7-85-01	ACVR1	ACVR1	79	10000
HG-7-85-01	ACVR1B	ACVR1B	80	10000
HG-7-85-01	ACVR2A	ACVR2A	100	10000
HG-7-85-01	ACVR2B	ACVR2B	78	10000
HG-7-85-01	ACVRL1	ACVRL1	100	10000
HG-7-85-01	ADCK3	CABC1	80	10000
HG-7-85-01	ADCK4	ADCK4	74	10000
HG-7-85-01	AKT1	AKT1	100	10000
HG-7-85-01	AKT2	AKT2	27	10000
HG-7-85-01	AKT3	AKT3	90	10000
HG-7-85-01	ALK	ALK	1.2	10000
HG-7-85-01	AMPK-alpha1	PRKAA1	22	10000
HG-7-85-01	AMPK-alpha2	PRKAA2	59	10000
HG-7-85-01	ANKK1	ANKK1	2.6	10000
HG-7-85-01	ARK5	NUAK1	100	10000
HG-7-85-01	ASK1	MAP3K5	100	10000
HG-7-85-01	AURKA	AURKA	100	10000
HG-7-85-01	AURKB	AURKB	56	10000
HG-7-85-01	AURKC	AURKC	22	10000
HG-7-85-01	AXL	AXL	0	10000
HG-7-85-01	BIKE	BMP2K	2.2	10000
HG-7-85-01	BLK	BLK	0.3	10000
HG-7-85-01	BMPR1A	BMPR1A	83	10000
HG-7-85-01	BMPR1B	BMPR1B	100	10000
HG-7-85-01	BMPR2	BMPR2	100	10000
HG-7-85-01	BMX	BMX	33	10000
HG-7-85-01	BRAF	BRAF	0.1	10000
HG-7-85-01	BRAF(V600E)	BRAF	0	10000
HG-7-85-01	BRK	PTK6	99	10000
HG-7-85-01	BRSK1	BRSK1	69	10000
HG-7-85-01	BRSK2	BRSK2	66	10000
HG-7-85-01	BTK	BTK	97	10000
HG-7-85-01	CAMK1	CAMK1	45	10000

HG-7-85-01	CAMK1D	CAMK1D	53	10000
HG-7-85-01	CAMK1G	CAMK1G	87	10000
HG-7-85-01	CAMK2A	CAMK2A	100	10000
HG-7-85-01	CAMK2B	CAMK2B	100	10000
HG-7-85-01	CAMK2D	CAMK2D	90	10000
HG-7-85-01	CAMK2G	CAMK2G	95	10000
HG-7-85-01	CAMK4	CAMK4	100	10000
HG-7-85-01	CAMKK1	CAMKK1	1.7	10000
HG-7-85-01	CAMKK2	CAMKK2	1.9	10000
HG-7-85-01	CDC2L1	CDK11B	0	10000
HG-7-85-01	CDC2L2	CDC2L2	0	10000
HG-7-85-01	CDK11	CDK19	0.05	10000
HG-7-85-01	CDK2	CDK2	0.25	10000
HG-7-85-01	CDK3	CDK3	0.05	10000
HG-7-85-01	CDK5	CDK5	0.15	10000
HG-7-85-01	CDK7	CDK7	0.1	10000
HG-7-85-01	CDK8	CDK8	1.2	10000
HG-7-85-01	CDK9	CDK9	1.3	10000
HG-7-85-01	CDKL2	CDKL2	0.45	10000
HG-7-85-01	CHEK1	CHEK1	100	10000
HG-7-85-01	CHEK2	CHEK2	86	10000
HG-7-85-01	CIT	CIT	0.15	10000
HG-7-85-01	CIT	CIT	0	10000
HG-7-85-01	CLK1	CLK1	0.2	10000
HG-7-85-01	CLK2	CLK2	6.3	10000
HG-7-85-01	CLK3	CLK3	14	10000
HG-7-85-01	CLK4	CLK4	3	10000
HG-7-85-01	CSF1R	CSF1R	0	10000
HG-7-85-01	CSK	CSK	60	10000
HG-7-85-01	CSNK1A1L	CSNK1A1L	100	10000
HG-7-85-01	CSNK1D	CSNK1D	83	10000
HG-7-85-01	CSNK1E	CSNK1E	46	10000
HG-7-85-01	CSNK1G1	CSNK1G1	81	10000
HG-7-85-01	CSNK1G2	CSNK1G2	50	10000
HG-7-85-01	CSNK1G3	CSNK1G3	42	10000
HG-7-85-01	CSNK2A1	CSNK2A1	4.8	10000
HG-7-85-01	CSNK2A2	CSNK2A2	7.7	10000
HG-7-85-01	DAPK1	DAPK1	83	10000
HG-7-85-01	DAPK2	DAPK2	100	10000
HG-7-85-01	DAPK3	DAPK3	100	10000
HG-7-85-01	DCAMKL1	DCLK1	100	10000
HG-7-85-01	DCAMKL2	DCLK2	97	10000
HG-7-85-01	DCAMKL3	DCLK3	100	10000
HG-7-85-01	DDR1	DDR1	0.1	10000
HG-7-85-01	DDR2	DDR2	3.6	10000
HG-7-85-01	DLK	MAP3K12	11	10000
HG-7-85-01	DMPK	DMPK	100	10000

HG-7-85-01	DMPK2	CDC42BPG	70	10000
HG-7-85-01	DRAK1	STK17A	100	10000
HG-7-85-01	DRAK1	STK17A	100	10000
HG-7-85-01	DRAK2	STK17B	100	10000
HG-7-85-01	DRAK2	STK17B	100	10000
HG-7-85-01	DYRK1B	DYRK1B	36	10000
HG-7-85-01	EGFR	EGFR	4.7	10000
HG-7-85-01	EGFR(E746-A750del)	EGFR	12	10000
HG-7-85-01	EGFR(G719C)	EGFR	8.2	10000
HG-7-85-01	EGFR(G719S)	EGFR	9.1	10000
HG-7-85-01	EGFR(L747-E749del, A750P)	EGFR	1.4	10000
HG-7-85-01	EGFR(L747-S752del, P753S)	EGFR	0.95	10000
HG-7-85-01	EGFR(L747-T751del,Sins)	EGFR	1.7	10000
HG-7-85-01	EGFR(L858R)	EGFR	26	10000
HG-7-85-01	EGFR(L861Q)	EGFR	7.9	10000
HG-7-85-01	EGFR(S752-I759del)	EGFR	19	10000
HG-7-85-01	EPHA1	EPHA1	100	10000
HG-7-85-01	EPHA2	EPHA2	12	10000
HG-7-85-01	EPHA3	EPHA3	6.2	10000
HG-7-85-01	EPHA4	EPHA4	22	10000
HG-7-85-01	EPHA5	EPHA5	58	10000
HG-7-85-01	EPHA6	EPHA6	37	10000
HG-7-85-01	EPHA7	EPHA7	4	10000
HG-7-85-01	EPHA8	EPHA8	0.1	10000
HG-7-85-01	EPHB1	EPHB1	39	10000
HG-7-85-01	EPHB2	EPHB2	23	10000
HG-7-85-01	EPHB3	EPHB3	100	10000
HG-7-85-01	EPHB4	EPHB4	73	10000
HG-7-85-01	ERBB2	ERBB2	100	10000
HG-7-85-01	ERBB2	ERBB2	70	10000
HG-7-85-01	ERBB4	ERBB4	55	10000
HG-7-85-01	ERK1	MAPK3	86	10000
HG-7-85-01	ERK2	MAPK1	89	10000
HG-7-85-01	ERK3	MAPK6	81	10000
HG-7-85-01	ERK4	MAPK4	90	10000
HG-7-85-01	ERK5	MAPK7	77	10000
HG-7-85-01	ERK8	MAPK15	0.15	10000
HG-7-85-01	FAK	PTK2	50	10000
HG-7-85-01	FER	FER	5.2	10000
HG-7-85-01	FES	FES	4.2	10000
HG-7-85-01	FGFR1	FGFR1	0.9	10000
HG-7-85-01	FGFR2	FGFR2	1.3	10000
HG-7-85-01	FGFR3	FGFR3	1.5	10000
HG-7-85-01	FGFR3(G697C)	FGFR3	3.1	10000
HG-7-85-01	FGFR3(G697C)	FGFR3	3.2	10000
HG-7-85-01	FGFR4	FGFR4	3.5	10000
HG-7-85-01	FGR	FGR	1.6	10000

HG-7-85-01	FLT1	FLT1	0.05	10000
HG-7-85-01	FLT3	FLT3	0	10000
HG-7-85-01	FLT3(D835H)	FLT3	0	10000
HG-7-85-01	FLT3(D835Y)	FLT3	2.2	10000
HG-7-85-01	FLT3(ITD)	FLT3	0	10000
HG-7-85-01	FLT3(K663Q)	FLT3	0	10000
HG-7-85-01	FLT3(N841I)	FLT3	0	10000
HG-7-85-01	FLT4	FLT4	0	10000
HG-7-85-01	FRK	FRK	1.2	10000
HG-7-85-01	FYN	FYN	3.1	10000
HG-7-85-01	GAK	GAK	40	10000
HG-7-85-01	GCN2(Kin.Dom.2,S808G)	EIF2AK4	8.4	10000
HG-7-85-01	GSK3A	GSK3A	72	10000
HG-7-85-01	GSK3B	GSK3B	86	10000
HG-7-85-01	HCK	HCK	0.45	10000
HG-7-85-01	HIPK1	HIPK1	0.2	10000
HG-7-85-01	HPK1	MAP4K1	1.1	10000
HG-7-85-01	IGF1R	IGF1R	24	10000
HG-7-85-01	IKK-alpha	CHUK	51	10000
HG-7-85-01	IKK-beta	IKBKB	58	10000
HG-7-85-01	IKK-epsilon	IKBKE	61	10000
HG-7-85-01	INSR	INSR	5.1	10000
HG-7-85-01	INSRR	INSRR	0.75	10000
HG-7-85-01	IRAK3	IRAK3	23	10000
HG-7-85-01	ITK	ITK	0	10000
HG-7-85-01	JAK1(JH1domain-catalytic)	JAK1	0.35	10000
HG-7-85-01	JAK1(JH2domain-pseudokinase)	JAK1	86	10000
HG-7-85-01	JAK2(JH1domain-catalytic)	JAK2	1.1	10000
HG-7-85-01	JAK3(JH1domain-catalytic)	JAK3	0.2	10000
HG-7-85-01	JNK1	MAPK8	55	10000
HG-7-85-01	JNK2	MAPK9	16	10000
HG-7-85-01	JNK3	MAPK10	49	10000
HG-7-85-01	KIT	KIT	0	10000
HG-7-85-01	KIT(D816V)	KIT	5.8	10000
HG-7-85-01	KIT(V559D)	KIT	0	10000
HG-7-85-01	KIT(V559D,T670I)	KIT	0	10000
HG-7-85-01	KIT(V559D,V654A)	KIT	0.2	10000
HG-7-85-01	LATS1	LATS1	84	10000
HG-7-85-01	LATS2	LATS2	71	10000
HG-7-85-01	LCK	LCK	0.7	10000
HG-7-85-01	LIMK1	LIMK1	32	10000
HG-7-85-01	LIMK2	LIMK2	57	10000
HG-7-85-01	LKB1	STK11	38	10000
HG-7-85-01	LOK	STK10	0	10000
HG-7-85-01	LTK	LTK	8.2	10000
HG-7-85-01	LYN	LYN	1.6	10000
HG-7-85-01	MAP3K3	MAP3K3	16	10000

HG-7-85-01	MAP3K4	MAP3K4	23	10000
HG-7-85-01	MAP4K2	MAP4K2	0.15	10000
HG-7-85-01	MAP4K3	MAP4K3	3.9	10000
HG-7-85-01	MAP4K4	MAP4K4	0	10000
HG-7-85-01	MAP4K5	MAP4K5	3.6	10000
HG-7-85-01	MAPKAPK2	MAPKAPK2	100	10000
HG-7-85-01	MAPKAPK5	MAPKAPK5	85	10000
HG-7-85-01	MARK1	MARK1	71	10000
HG-7-85-01	MARK2	MARK2	100	10000
HG-7-85-01	MARK3	MARK3	100	10000
HG-7-85-01	MARK4	MARK4	56	10000
HG-7-85-01	MEK1	MAP2K1	81	10000
HG-7-85-01	MEK2	MAP2K2	82	10000
HG-7-85-01	MEK3	MAP2K3	91	10000
HG-7-85-01	MEK4	MAP2K4	81	10000
HG-7-85-01	MEK6	MAP2K6	98	10000
HG-7-85-01	MELK	MELK	23	10000
HG-7-85-01	MERTK	MERTK	0	10000
HG-7-85-01	MET	MET	7.3	10000
HG-7-85-01	MINK	MINK1	100	10000
HG-7-85-01	MKNK1	MKNK1	19	10000
HG-7-85-01	MKNK2	MKNK2	1.8	10000
HG-7-85-01	MLCK	MYLK3	82	10000
HG-7-85-01	MLK1	MAP3K9	5.6	10000
HG-7-85-01	MLK2	MAP3K10	20	10000
HG-7-85-01	MLK3	MAP3K11	18	10000
HG-7-85-01	MRCKA	CDC42BPA	94	10000
HG-7-85-01	MRCKB	CDC42BPB	87	10000
HG-7-85-01	MST1	STK4	96	10000
HG-7-85-01	MST1R	MST1R	100	10000
HG-7-85-01	MST2	STK3	89	10000
HG-7-85-01	MST3	STK24	75	10000
HG-7-85-01	MST4	MST4	69	10000
HG-7-85-01	MUSK	MUSK	0	10000
HG-7-85-01	MYLK	MYLK	86	10000
HG-7-85-01	MYLK2	MYLK2	7.7	10000
HG-7-85-01	MYLK4	MYLK4	100	10000
HG-7-85-01	MYO3A	MYO3A	54	10000
HG-7-85-01	MYO3B	MYO3B	27	10000
HG-7-85-01	NDR2	STK38L	85	10000
HG-7-85-01	NEK1	NEK1	58	10000
HG-7-85-01	NEK2	NEK2	84	10000
HG-7-85-01	NEK5	NEK5	25	10000
HG-7-85-01	NEK6	NEK6	44	10000
HG-7-85-01	NEK7	NEK7	71	10000
HG-7-85-01	NEK9	NEK9	49	10000
HG-7-85-01	NLK	NLK	46	10000

HG-7-85-01	p38-alpha	MAPK14	0.95	10000
HG-7-85-01	p38-beta	MAPK11	7.5	10000
HG-7-85-01	p38-delta	MAPK13	0.25	10000
HG-7-85-01	p38-gamma	MAPK12	0	10000
HG-7-85-01	PAK1	PAK1	98	10000
HG-7-85-01	PAK2	PAK2	89	10000
HG-7-85-01	PAK3	PAK3	64	10000
HG-7-85-01	PAK4	PAK4	74	10000
HG-7-85-01	PAK6	PAK6	73	10000
HG-7-85-01	PAK7	PAK7	92	10000
HG-7-85-01	PCKT1	CDK16	0.45	10000
HG-7-85-01	PCKT2	CDK17	0	10000
HG-7-85-01	PCKT3	CDK18	0	10000
HG-7-85-01	PDGFRA	PDGFRA	0	10000
HG-7-85-01	PDGFRB	PDGFRB	0	10000
HG-7-85-01	PDPK1	PDPK1	43	10000
HG-7-85-01	PFTAIRE2	CDK15	0	10000
HG-7-85-01	PFTK1	CDK14	0	10000
HG-7-85-01	PHKG1	PHKG1	97	10000
HG-7-85-01	PHKG2	PHKG2	100	10000
HG-7-85-01	PIK3C2B	PIK3C2B	100	10000
HG-7-85-01	PIK3CA	PIK3CA	83	10000
HG-7-85-01	PIK3CA(E545K)	PIK3CA	76	10000
HG-7-85-01	PIK3CB	PIK3CB	95	10000
HG-7-85-01	PIK3CD	PIK3CD	89	10000
HG-7-85-01	PIK3CG	PIK3CG	55	10000
HG-7-85-01	PIM1	PIM1	82	10000
HG-7-85-01	PIM2	PIM2	100	10000
HG-7-85-01	PIM3	PIM3	91	10000
HG-7-85-01	PIP5K1A	PIP5K1A	17	10000
HG-7-85-01	PIP5K2B	PIP4K2B	9.1	10000
HG-7-85-01	PKAC-alpha	PRKACA	25	10000
HG-7-85-01	PKAC-beta	PRKACB	10	10000
HG-7-85-01	PKMYT1	PKMYT1	92	10000
HG-7-85-01	PKMYT1	PKMYT1	89	10000
HG-7-85-01	PKN1	PKN1	87	10000
HG-7-85-01	PKN2	PKN2	84	10000
HG-7-85-01	PLK1	PLK1	69	10000
HG-7-85-01	PLK3	PLK3	98	10000
HG-7-85-01	PLK3	PLK3	100	10000
HG-7-85-01	PLK4	PLK4	59	10000
HG-7-85-01	PRKCD	PRKCD	41	10000
HG-7-85-01	PRKCD	PRKCD	43	10000
HG-7-85-01	PRKCE	PRKCE	83	10000
HG-7-85-01	PRKCH	PRKCH	100	10000
HG-7-85-01	PRKCQ	PRKCQ	87	10000
HG-7-85-01	PRKD1	PRKD1	100	10000

HG-7-85-01	PRKD2	PRKD2	33	10000
HG-7-85-01	PRKD3	PRKD3	74	10000
HG-7-85-01	PRKG1	PRKG1	90	10000
HG-7-85-01	PRKG2	PRKG2	79	10000
HG-7-85-01	PRKR	EIF2AK2	10	10000
HG-7-85-01	PRKX	PRKX	76	10000
HG-7-85-01	PYK2	PTK2B	0.6	10000
HG-7-85-01	RAF1	RAF1	0.5	10000
HG-7-85-01	RET	RET	0	10000
HG-7-85-01	RET(M918T)	RET	0	10000
HG-7-85-01	RET(V804L)	RET	0	10000
HG-7-85-01	RET(V804M)	RET	0	10000
HG-7-85-01	RIOK1	RIOK1	2.1	10000
HG-7-85-01	RIOK2	RIOK2	30	10000
HG-7-85-01	RIOK3	RIOK3	1.8	10000
HG-7-85-01	RIPK1	RIPK1	0	10000
HG-7-85-01	RIPK2	RIPK2	6.3	10000
HG-7-85-01	RIPK4	RIPK4	70	10000
HG-7-85-01	ROCK2	ROCK2	26	10000
HG-7-85-01	ROS1	ROS1	82	10000
HG-7-85-01	RPS6KA4(Kin.Dom.1-N-term	RPS6KA4	67	10000
HG-7-85-01	RPS6KA4(Kin.Dom.2-C-term	RPS6KA4	85	10000
HG-7-85-01	RPS6KA5(Kin.Dom.1-N-term	RPS6KA5	81	10000
HG-7-85-01	RPS6KA5(Kin.Dom.2-C-term	RPS6KA5	100	10000
HG-7-85-01	RSK1(Kin.Dom.1-N-termina	RPS6KA1	86	10000
HG-7-85-01	RSK1(Kin.Dom.2-C-terminal	RPS6KA1	75	10000
HG-7-85-01	RSK2(Kin.Dom.1-N-termina	RPS6KA3	39	10000
HG-7-85-01	RSK3(Kin.Dom.1-N-termina	RPS6KA2	29	10000
HG-7-85-01	RSK3(Kin.Dom.2-C-terminal	RPS6KA2	65	10000
HG-7-85-01	RSK4(Kin.Dom.1-N-termina	RPS6KA6	83	10000
HG-7-85-01	RSK4(Kin.Dom.2-C-terminal	RPS6KA6	42	10000
HG-7-85-01	SgK110	SgK110	100	10000
HG-7-85-01	SIK	SIK1	5	10000
HG-7-85-01	SIK2	SIK2	37	10000
HG-7-85-01	SLK	SLK	0.75	10000
HG-7-85-01	SNARK	NUAK2	53	10000
HG-7-85-01	SRC	SRC	0.15	10000
HG-7-85-01	SRMS	SRMS	49	10000
HG-7-85-01	SRPK1	SRPK1	1.7	10000
HG-7-85-01	SRPK2	SRPK2	26	10000
HG-7-85-01	SRPK3	SRPK3	17	10000
HG-7-85-01	STK16	STK16	13	10000
HG-7-85-01	STK33	STK33	12	10000
HG-7-85-01	STK35	STK35	6.4	10000
HG-7-85-01	STK36	STK36	37	10000
HG-7-85-01	SYK	SYK	5.6	10000
HG-7-85-01	TAK1	MAP3K7	0	10000



HG-7-85-01	TAOK1	TAOK1	9.9	10000
HG-7-85-01	TAOK3	TAOK3	2.2	10000
HG-7-85-01	TEC	TEC	70	10000
HG-7-85-01	TESK1	TESK1	100	10000
HG-7-85-01	TGFBR1	TGFBR1	100	10000
HG-7-85-01	TGFBR2	TGFBR2	40	10000
HG-7-85-01	TGFBR2	TGFBR2	47	10000
HG-7-85-01	TIE1	TIE1	0.05	10000
HG-7-85-01	TIE2	TEK	0	10000
HG-7-85-01	TLK1	TLK1	76	10000
HG-7-85-01	TLK2	TLK2	94	10000
HG-7-85-01	TNIK	TNIK	6	10000
HG-7-85-01	TNK1	TNK1	4.3	10000
HG-7-85-01	TNK2	TNK2	50	10000
HG-7-85-01	TNNI3K	TNNI3K	3.2	10000
HG-7-85-01	TRKA	NTRK1	0	10000
HG-7-85-01	TRKB	NTRK2	0	10000
HG-7-85-01	TRKC	NTRK3	0	10000
HG-7-85-01	TRKC	NTRK3	0	10000
HG-7-85-01	TSSK1B	TSSK1B	56	10000
HG-7-85-01	TTK	TTK	9.4	10000
HG-7-85-01	TXK	TXK	41	10000
HG-7-85-01	TYK2(JH1domain-catalytic)	TYK2	3.8	10000
HG-7-85-01	TYK2(JH2domain-pseudokinase)	TYK2	79	10000
HG-7-85-01	TYRO3	TYRO3	22	10000
HG-7-85-01	ULK1	ULK1	75	10000
HG-7-85-01	ULK2	ULK2	88	10000
HG-7-85-01	ULK3	ULK3	0.5	10000
HG-7-85-01	VEGFR2	KDR	0	10000
HG-7-85-01	WEE1	WEE1	100	10000
HG-7-85-01	WEE2	WEE2	100	10000
HG-7-85-01	YANK2	STK32B	73	10000
HG-7-85-01	YANK3	STK32C	55	10000
HG-7-85-01	YES	YES1	1.2	10000
HG-7-85-01	YSK1	STK25	100	10000
HG-7-85-01	ZAK	ZAK	0.7	10000
HG-7-85-01	ZAP70	ZAP70	48	10000