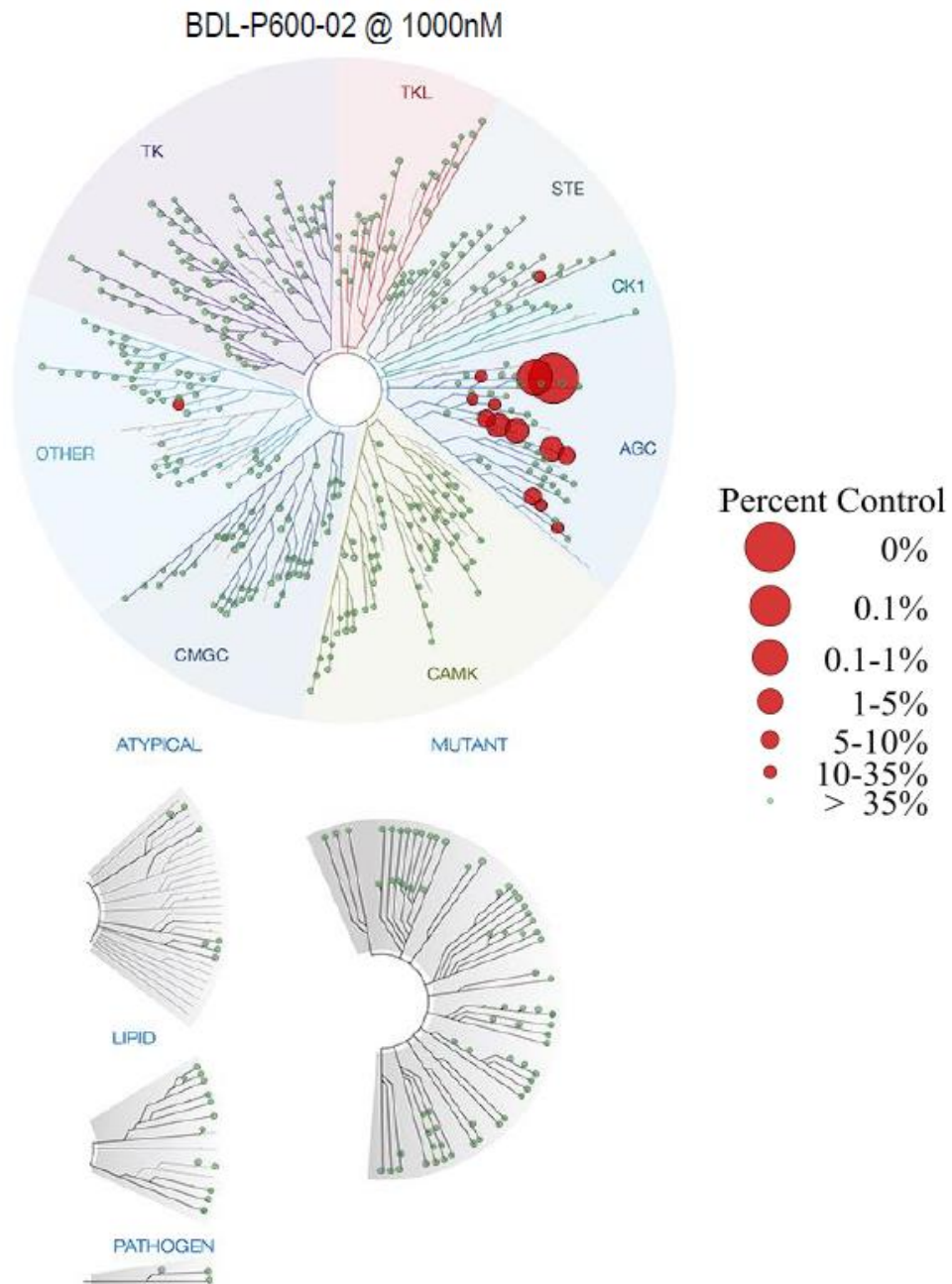


Table 3 - TREEspot™ Interaction Maps for TAQ007-01-p-00001



Compound Name	KINOMEScan Gene Symbol	Percent Control %	Compound Concentration (nM)
ITRI-E-212	ROCK1	0.05	1000
ITRI-E-212	ROCK2	0.35	1000
ITRI-E-212	PRKX	2.3	1000
ITRI-E-212	PRKG2	2.9	1000
ITRI-E-212	PKAC-alpha	4.9	1000
ITRI-E-212	PRKG1	5.5	1000
ITRI-E-212	PKN1	7.8	1000
ITRI-E-212	PKAC-beta	8.2	1000
ITRI-E-212	YSK4	12	1000
ITRI-E-212	LATS2	13	1000
ITRI-E-212	GRK3	15	1000
ITRI-E-212	GRK2	24	1000
ITRI-E-212	HASPIN	27	1000
ITRI-E-212	PRKCH	27	1000
ITRI-E-212	PKN2	30	1000
ITRI-E-212	AKT1	36	1000
ITRI-E-212	PIK4CB	36	1000
ITRI-E-212	ICK	37	1000
ITRI-E-212	STK33	39	1000
ITRI-E-212	VPS34	41	1000
ITRI-E-212	MYLK4	43	1000
ITRI-E-212	PRKCD	43	1000
ITRI-E-212	DAPK3	43	1000
ITRI-E-212	HIPK4	47	1000
ITRI-E-212	MAST1	49	1000
ITRI-E-212	RIPK4	50	1000
ITRI-E-212	AKT3	52	1000
ITRI-E-212	LRRK2	53	1000
ITRI-E-212	PAK3	54	1000
ITRI-E-212	PAK4	54	1000
ITRI-E-212	CSNK2A1	54	1000
ITRI-E-212	ALK	56	1000
ITRI-E-212	BTK	57	1000
ITRI-E-212	KIT(A829P)	57	1000
ITRI-E-212	PRKD1	59	1000
ITRI-E-212	MKNK2	60	1000

ITRI-E-212	DAPK1	60	1000
ITRI-E-212	SGK3	60	1000
ITRI-E-212	KIT(D816H)	60	1000
ITRI-E-212	MEK3	61	1000
ITRI-E-212	PRKD3	61	1000
ITRI-E-212	MEK5	61	1000
ITRI-E-212	AURKB	61	1000
ITRI-E-212	MELK	62	1000
ITRI-E-212	ABL1(F317I)- nonphosphorylated	62	1000
ITRI-E-212	ABL1(H396P)- phosphorylated	63	1000
ITRI-E-212	DYRK2	64	1000
ITRI-E-212	NIM1	64	1000
ITRI-E-212	FLT3(ITD,F691L)	64	1000
ITRI-E-212	PDGFRA	65	1000
ITRI-E-212	MERTK	65	1000
ITRI-E-212	PIK3CA(Q546K)	65	1000
ITRI-E-212	IKK-beta	67	1000
ITRI-E-212	PAK7	67	1000
ITRI-E-212	MAP3K15	67	1000
ITRI-E-212	KIT(D816V)	67	1000
ITRI-E-212	ABL1(Q252H)- phosphorylated	68	1000
ITRI-E-212	DCAMKL3	68	1000
ITRI-E-212	RIOK2	69	1000
ITRI-E-212	RSK2(Kin.Dom.2-C- terminal)	69	1000
ITRI-E-212	MEK1	69	1000
ITRI-E-212	CTK	69	1000
ITRI-E-212	RSK3(Kin.Dom.2-C- terminal)	69	1000
ITRI-E-212	CHEK2	69	1000
ITRI-E-212	S6K1	70	1000
ITRI-E-212	TRKA	70	1000
ITRI-E-212	RSK4(Kin.Dom.1-N- terminal)	70	1000
ITRI-E-212	MYLK	70	1000

ITRI-E-212	HIPK1	70	1000
ITRI-E-212	CAMK1B	70	1000
ITRI-E-212	JNK3	70	1000
ITRI-E-212	AURKA	70	1000
ITRI-E-212	GRK7	71	1000
ITRI-E-212	TRKB	71	1000
ITRI-E-212	PIK3CA(M1043I)	71	1000
ITRI-E-212	PAK2	71	1000
ITRI-E-212	PRKCE	72	1000
ITRI-E-212	NDR1	72	1000
ITRI-E-212	SGK2	72	1000
ITRI-E-212	FLT3(D835V)	72	1000
ITRI-E-212	MARK1	72	1000
ITRI-E-212	JNK1	72	1000
ITRI-E-212	STK39	72	1000
ITRI-E-212	CHEK1	72	1000
ITRI-E-212	INSR	72	1000
ITRI-E-212	PIK3C2G	72	1000
ITRI-E-212	JAK3(JH1domain- catalytic)	73	1000
ITRI-E-212	LKB1	73	1000
ITRI-E-212	PFCDPK1(P.falciparum)	73	1000
ITRI-E-212	TBK1	73	1000
ITRI-E-212	PIK3CA(E542K)	73	1000
ITRI-E-212	EGFR(L747- T751del,Sins)	73	1000
ITRI-E-212	SRC	73	1000
ITRI-E-212	PIK3CG	73	1000
ITRI-E-212	ABL1(F317L)- nonphosphorylated	74	1000
ITRI-E-212	LZK	74	1000
ITRI-E-212	MAP3K2	74	1000
ITRI-E-212	RPS6KA4(Kin.Dom.2-C- terminal)	74	1000
ITRI-E-212	GRK1	74	1000
ITRI-E-212	EGFR(T790M)	74	1000
ITRI-E-212	PIK3C2B	74	1000
ITRI-E-212	PIM1	74	1000

ITRI-E-212	BRSK2	74	1000
ITRI-E-212	MLCK	74	1000
ITRI-E-212	MAP3K1	75	1000
ITRI-E-212	NDR2	75	1000
ITRI-E-212	BMPR1B	75	1000
ITRI-E-212	MEK2	75	1000
ITRI-E-212	ABL1(F317L)- phosphorylated	75	1000
ITRI-E-212	PIK3CB	75	1000
ITRI-E-212	PIK3CA(I800L)	76	1000
ITRI-E-212	SRPK3	76	1000
ITRI-E-212	PKNB(M.tuberculosis)	76	1000
ITRI-E-212	BRSK1	76	1000
ITRI-E-212	SGK	77	1000
ITRI-E-212	ABL1(M351T)- phosphorylated	77	1000
ITRI-E-212	PLK4	77	1000
ITRI-E-212	AXL	77	1000
ITRI-E-212	FGFR2	77	1000
ITRI-E-212	PIK3CA(E545A)	77	1000
ITRI-E-212	PLK1	78	1000
ITRI-E-212	WNK2	78	1000
ITRI-E-212	IKK-epsilon	78	1000
ITRI-E-212	FLT3(ITD,D835V)	78	1000
ITRI-E-212	PAK1	78	1000
ITRI-E-212	PLK3	78	1000
ITRI-E-212	LATS1	79	1000
ITRI-E-212	MKNK1	79	1000
ITRI-E-212	ABL1(E255K)- phosphorylated	79	1000
ITRI-E-212	PAK6	79	1000
ITRI-E-212	TSSK1B	79	1000
ITRI-E-212	EGFR(E746-A750del)	79	1000
ITRI-E-212	MEK4	79	1000
ITRI-E-212	CAMK2A	79	1000
ITRI-E-212	PIK3CA(H1047Y)	79	1000
ITRI-E-212	ZAK	79	1000
ITRI-E-212	PRKCQ	80	1000

ITRI-E-212	HIPK3	80	1000
ITRI-E-212	TAK1	80	1000
ITRI-E-212	JAK1(JH1domain- catalytic)	80	1000
ITRI-E-212	EPHB6	80	1000
ITRI-E-212	PRKR	80	1000
ITRI-E-212	ULK2	80	1000
ITRI-E-212	ALK(C1156Y)	80	1000
ITRI-E-212	NEK10	80	1000
ITRI-E-212	FGFR3	80	1000
ITRI-E-212	CIT	81	1000
ITRI-E-212	SNARK	81	1000
ITRI-E-212	HIPK2	81	1000
ITRI-E-212	CDK4-cyclinD1	81	1000
ITRI-E-212	ABL1(Y253F)- phosphorylated	81	1000
ITRI-E-212	RPS6KA5(Kin.Dom.2-C- terminal)	81	1000
ITRI-E-212	DAPK2	81	1000
ITRI-E-212	RIOK3	81	1000
ITRI-E-212	DDR2	81	1000
ITRI-E-212	CSNK2A2	81	1000
ITRI-E-212	BMPR2	81	1000
ITRI-E-212	PIM3	81	1000
ITRI-E-212	PCTK1	81	1000
ITRI-E-212	CDK11	81	1000
ITRI-E-212	IRAK3	81	1000
ITRI-E-212	MINK	82	1000
ITRI-E-212	JNK2	82	1000
ITRI-E-212	PHKG2	82	1000
ITRI-E-212	AAK1	83	1000
ITRI-E-212	TRKC	83	1000
ITRI-E-212	CDK7	83	1000
ITRI-E-212	RSK2(Kin.Dom.1-N- terminal)	83	1000
ITRI-E-212	KIT-autoinhibited	83	1000
ITRI-E-212	ADCK3	83	1000
ITRI-E-212	PIK3CA	83	1000

ITRI-E-212	NEK3	83	1000
ITRI-E-212	ERBB3	83	1000
ITRI-E-212	ULK3	83	1000
ITRI-E-212	PHKG1	83	1000
ITRI-E-212	SRPK1	84	1000
ITRI-E-212	CSNK1G2	84	1000
ITRI-E-212	FLT3(D835Y)	84	1000
ITRI-E-212	RET(M918T)	84	1000
ITRI-E-212	RPS6KA5(Kin.Dom.1-N-terminal)	84	1000
ITRI-E-212	SgK110	84	1000
ITRI-E-212	PIK3CA(H1047L)	84	1000
ITRI-E-212	FGFR3(G697C)	84	1000
ITRI-E-212	EPHA1	84	1000
ITRI-E-212	TTK	84	1000
ITRI-E-212	VRK2	85	1000
ITRI-E-212	GRK4	85	1000
ITRI-E-212	MAPKAPK5	85	1000
ITRI-E-212	PIK3CD	85	1000
ITRI-E-212	EGFR(L861Q)	85	1000
ITRI-E-212	TSSK3	85	1000
ITRI-E-212	MAP3K3	85	1000
ITRI-E-212	MYO3B	85	1000
ITRI-E-212	BMX	85	1000
ITRI-E-212	CDKL3	85	1000
ITRI-E-212	ALK(L1196M)	85	1000
ITRI-E-212	PIK3CA(C420R)	85	1000
ITRI-E-212	DYRK1A	86	1000
ITRI-E-212	ABL1(F317I)-phosphorylated	86	1000
ITRI-E-212	TYK2(JH2domain-pseudokinase)	86	1000
ITRI-E-212	CAMK1D	86	1000
ITRI-E-212	AMPK-alpha2	86	1000
ITRI-E-212	EGFR(L747-E749del, A750P)	86	1000
ITRI-E-212	PIK3CA(E545K)	86	1000
ITRI-E-212	RSK3(Kin.Dom.1-N-	86	1000

	terminal)		
ITRI-E-212	RSK4(Kin.Dom.2-C-terminal)	86	1000
ITRI-E-212	TNNI3K	86	1000
ITRI-E-212	PFPK5(P.falciparum)	87	1000
ITRI-E-212	PLK2	87	1000
ITRI-E-212	DRAK1	87	1000
ITRI-E-212	NEK4	87	1000
ITRI-E-212	PRKCI	87	1000
ITRI-E-212	RIPK2	87	1000
ITRI-E-212	CAMKK2	87	1000
ITRI-E-212	TYRO3	87	1000
ITRI-E-212	EGFR(L747-S752del, P753S)	87	1000
ITRI-E-212	MAP4K4	87	1000
ITRI-E-212	RET	87	1000
ITRI-E-212	YES	87	1000
ITRI-E-212	WNK4	88	1000
ITRI-E-212	JAK1(JH2domain-pseudokinase)	88	1000
ITRI-E-212	CDK4 88	88	1000
ITRI-E-212	NEK11	88	1000
ITRI-E-212	ABL1(H396P)-nonphosphorylated	88	1000
ITRI-E-212	ZAP70	88	1000
ITRI-E-212	LCK	88	1000
ITRI-E-212	EIF2AK1	88	1000
ITRI-E-212	RAF1	88	1000
ITRI-E-212	MARK4	88	1000
ITRI-E-212	RIPK5	88	1000
ITRI-E-212	EPHA2	88	1000
ITRI-E-212	MEK6	88	1000
ITRI-E-212	JAK2(JH1domain-catalytic)	89	1000
ITRI-E-212	TYK2(JH1domain-catalytic)	89	1000
ITRI-E-212	FLT3(D835H)	89	1000
ITRI-E-212	CSF1R-autoinhibited	89	1000

ITRI-E-212	AMPK-alpha1	89	1000
ITRI-E-212	ABL1(T315I)- phosphorylated	89	1000
ITRI-E-212	p38-gamma	89	1000
ITRI-E-212	ERN1	89	1000
ITRI-E-212	MAK	89	1000
ITRI-E-212	MYO3A	89	1000
ITRI-E-212	p38-alpha	89	1000
ITRI-E-212	ANKK1	90	1000
ITRI-E-212	FLT3(R834Q)	90	1000
ITRI-E-212	GAK	90	1000
ITRI-E-212	CLK3	90	1000
ITRI-E-212	YANK1	90	1000
ITRI-E-212	MLK3	90	1000
ITRI-E-212	PKMYT1	90	1000
ITRI-E-212	NIK	90	1000
ITRI-E-212	RSK1(Kin.Dom.1-N- terminal)	90	1000
ITRI-E-212	TGFBR1	90	1000
ITRI-E-212	CDK5	90	1000
ITRI-E-212	FLT4	90	1000
ITRI-E-212	NEK2	90	1000
ITRI-E-212	BRAF(V600E)	91	1000
ITRI-E-212	EPHA3	91	1000
ITRI-E-212	RET(V804L)	91	1000
ITRI-E-212	SLK	91	1000
ITRI-E-212	CAMK1	91	1000
ITRI-E-212	FGFR1	91	1000
ITRI-E-212	SIK	91	1000
ITRI-E-212	PRKD2	91	1000
ITRI-E-212	EGFR(L858R,T790M)	91	1000
ITRI-E-212	PIM2	91	1000
ITRI-E-212	CDK9	91	1000
ITRI-E-212	ERK5	91	1000
ITRI-E-212	BUB1	92	1000
ITRI-E-212	RIOK1	92	1000
ITRI-E-212	CAMK2G	92	1000
ITRI-E-212	IKK-alpha	92	1000

ITRI-E-212	RET(V804M)	92	1000
ITRI-E-212	SBK1	92	1000
ITRI-E-212	CAMK2D	92	1000
ITRI-E-212	CSK	92	1000
ITRI-E-212	DRAK2	92	1000
ITRI-E-212	LIMK1	92	1000
ITRI-E-212	YANK2	92	1000
ITRI-E-212	PCK2	92	1000
ITRI-E-212	STK16	92	1000
ITRI-E-212	CAMK4	92	1000
ITRI-E-212	CDC2L1	92	1000
ITRI-E-212	MST2	92	1000
ITRI-E-212	MST3	92	1000
ITRI-E-212	CLK4	93	1000
ITRI-E-212	DLK	93	1000
ITRI-E-212	BRAF	93	1000
ITRI-E-212	DMPK2	93	1000
ITRI-E-212	EGFR	93	1000
ITRI-E-212	LIMK2	93	1000
ITRI-E-212	PIKFYVE	93	1000
ITRI-E-212	ROS1	93	1000
ITRI-E-212	TLK2	93	1000
ITRI-E-212	MLK1	93	1000
ITRI-E-212	STK36	93	1000
ITRI-E-212	NEK1	93	1000
ITRI-E-212	NEK7	93	1000
ITRI-E-212	RIPK1	93	1000
ITRI-E-212	TESK1	93	1000
ITRI-E-212	IRAK1	94	1000
ITRI-E-212	MKK7	94	1000
ITRI-E-212	IRAK4	94	1000
ITRI-E-212	ABL2	94	1000
ITRI-E-212	EPHB1	94	1000
ITRI-E-212	AKT2	94	1000
ITRI-E-212	FLT3(N841I)	94	1000
ITRI-E-212	NEK5	94	1000
ITRI-E-212	PFTK1	94	1000
ITRI-E-212	TLK1	94	1000

ITRI-E-212	TXK	94	1000
ITRI-E-212	CLK2	95	1000
ITRI-E-212	CLK1	95	1000
ITRI-E-212	CSNK1A1	95	1000
ITRI-E-212	EGFR(G719S)	95	1000
ITRI-E-212	FLT3(K663Q)	95	1000
ITRI-E-212	FLT3(ITD)	95	1000
ITRI-E-212	LYN	95	1000
ITRI-E-212	SYK	95	1000
ITRI-E-212	TAOK2	95	1000
ITRI-E-212	ACVR1	95	1000
ITRI-E-212	p38-beta	95	1000
ITRI-E-212	PDPK1	95	1000
ITRI-E-212	ABL1(T315I)- nonphosphorylated	96	1000
ITRI-E-212	GSK3B	96	1000
ITRI-E-212	FGFR4	96	1000
ITRI-E-212	MET(Y1235D)	96	1000
ITRI-E-212	EGFR(L858R)	96	1000
ITRI-E-212	CDC2L2	96	1000
ITRI-E-212	ULK1	96	1000
ITRI-E-212	HUNK	96	1000
ITRI-E-212	CSNK1G1	96	1000
ITRI-E-212	ERK1	96	1000
ITRI-E-212	AURKC	96	1000
ITRI-E-212	CSNK1A1L	96	1000
ITRI-E-212	MAP3K4	96	1000
ITRI-E-212	NEK9	96	1000
ITRI-E-212	EPHB2	96	1000
ITRI-E-212	FGR	96	1000
ITRI-E-212	FLT3	96	1000
ITRI-E-212	GSK3A	96	1000
ITRI-E-212	MAP4K5	96	1000
ITRI-E-212	TEC	96	1000
ITRI-E-212	TNK1	97	1000
ITRI-E-212	DCAMKL1	97	1000
ITRI-E-212	MRCKB	97	1000
ITRI-E-212	ASK2	97	1000

ITRI-E-212	FLT3-autoinhibited	97	1000
ITRI-E-212	ABL1- nonphosphorylated	97	1000
ITRI-E-212	ASK1	97	1000
ITRI-E-212	ABL1-phosphorylated	97	1000
ITRI-E-212	EGFR(G719C)	97	1000
ITRI-E-212	ERK8	97	1000
ITRI-E-212	CSNK1D	97	1000
ITRI-E-212	NLK	97	1000
ITRI-E-212	FER	97	1000
ITRI-E-212	SIK2	97	1000
ITRI-E-212	IGF1R	97	1000
ITRI-E-212	ITK	97	1000
ITRI-E-212	ERK2	97	1000
ITRI-E-212	CDK8	97	1000
ITRI-E-212	PFTAIRE2	97	1000
ITRI-E-212	HCK	97	1000
ITRI-E-212	CSNK1E	97	1000
ITRI-E-212	PYK2	97	1000
ITRI-E-212	ACVRL1	97	1000
ITRI-E-212	MUSK	97	1000
ITRI-E-212	YSK1	97	1000
ITRI-E-212	TRPM6	98	1000
ITRI-E-212	BIKE	98	1000
ITRI-E-212	MET(M1250T)	98	1000
ITRI-E-212	ARK5	98	1000
ITRI-E-212	ACVR1B	98	1000
ITRI-E-212	EPHA5	98	1000
ITRI-E-212	ERK3	98	1000
ITRI-E-212	LOK	98	1000
ITRI-E-212	NEK6	98	1000
ITRI-E-212	WEE2	98	1000
ITRI-E-212	TIE2	98	1000
ITRI-E-212	ERK4	98	1000
ITRI-E-212	MARK3	98	1000
ITRI-E-212	TNK2	98	1000
ITRI-E-212	DMPK	99	1000
ITRI-E-212	EPHA7	99	1000

ITRI-E-212	RPS6KA4(Kin.Dom.1-N-terminal)	99	1000
ITRI-E-212	CDK4-cyclinD3	99	1000
ITRI-E-212	CAMK1G	99	1000
ITRI-E-212	EPHA8	99	1000
ITRI-E-212	CAMK2B	99	1000
ITRI-E-212	LTK	99	1000
ITRI-E-212	DDR1	99	1000
ITRI-E-212	CDK3	99	1000
ITRI-E-212	ERBB4	99	1000
ITRI-E-212	MST1R	99	1000
ITRI-E-212	CDKL5	100	1000
ITRI-E-212	ABL1(Q252H)-nonphosphorylated	100	1000
ITRI-E-212	LRRK2(G2019S)	100	1000
ITRI-E-212	PIP5K2B	100	1000
ITRI-E-212	OSR1	100	1000
ITRI-E-212	PIP5K2C	100	1000
ITRI-E-212	MST4	100	1000
ITRI-E-212	QSK	100	1000
ITRI-E-212	DYRK1B	100	1000
ITRI-E-212	EGFR(S752-I759del)	100	1000
ITRI-E-212	PIP5K1A	100	1000
ITRI-E-212	SNRK	100	1000
ITRI-E-212	CSNK1G3	100	1000
ITRI-E-212	MARK2	100	1000
ITRI-E-212	MET	100	1000
ITRI-E-212	CDC2L5	100	1000
ITRI-E-212	STK35	100	1000
ITRI-E-212	TAOK1	100	1000
ITRI-E-212	FYN	100	1000
ITRI-E-212	CAMKK1	100	1000
ITRI-E-212	CSF1R	100	1000
ITRI-E-212	BLK	100	1000
ITRI-E-212	EPHA4	100	1000
ITRI-E-212	PIP5K1C	100	1000
ITRI-E-212	PRP4	100	1000
ITRI-E-212	KIT(L576P)	100	1000

ITRI-E-212	KIT(V559D)	100	1000
ITRI-E-212	KIT(V559D,V654A)	100	1000
ITRI-E-212	MRCKA	100	1000
ITRI-E-212	SRPK2	100	1000
ITRI-E-212	FLT1	100	1000
ITRI-E-212	HPK1	100	1000
ITRI-E-212	MAP4K3	100	1000
ITRI-E-212	FRK	100	1000
ITRI-E-212	MST1	100	1000
ITRI-E-212	MTOR	100	1000
ITRI-E-212	DCAMKL2	100	1000
ITRI-E-212	SRMS	100	1000
ITRI-E-212	CASK	100	1000
ITRI-E-212	CDKL2	100	1000
ITRI-E-212	KIT	100	1000
ITRI-E-212	KIT(V559D,T670I)	100	1000
ITRI-E-212	MAP4K2	100	1000
ITRI-E-212	TIE1	100	1000
ITRI-E-212	BRK	100	1000
ITRI-E-212	EPHB3	100	1000
ITRI-E-212	FAK	100	1000
ITRI-E-212	MYLK2	100	1000
ITRI-E-212	VEGFR2	100	1000
ITRI-E-212	CDK2	100	1000
ITRI-E-212	ERBB2	100	1000
ITRI-E-212	TAOK3	100	1000
ITRI-E-212	ADCK4	100	1000
ITRI-E-212	INSRR	100	1000
ITRI-E-212	CDKL1	100	1000
ITRI-E-212	MAPKAPK2	100	1000
ITRI-E-212	MLK2	100	1000
ITRI-E-212	PDGFRB	100	1000
ITRI-E-212	TNIK	100	1000
ITRI-E-212	ACVR2A	100	1000
ITRI-E-212	ACVR2B	100	1000
ITRI-E-212	BMPR1A	100	1000
ITRI-E-212	EPHA6	100	1000
ITRI-E-212	EPHB4	100	1000

ITRI-E-212	FES	100	1000
ITRI-E-212	GCN2(Kin.Dom.2,S808G)	100	1000
ITRI-E-212	p38-delta	100	1000
ITRI-E-212	PCK3	100	1000
ITRI-E-212	RSK1(Kin.Dom.2-C-terminal)	100	1000
ITRI-E-212	TGFBR2	100	1000
ITRI-E-212	WEE1	100	1000
ITRI-E-212	WNK1	100	1000
ITRI-E-212	WNK3	100	1000
ITRI-E-212	YANK3	100	1000