AKT2_[PI]_i+_PI_[PH]
AKT2_[PI]_i−_PI_[PH]
AKT2_p+_PPM1G_[(AKT2)]
AKT2_p+_TSC2_[(Ser1130)]
AKT2_p+_TSC2_[(Ser939)]
AKT2_p+_TSC2_[(Ser981)]
AKT2_p+_TSC2_[(Thr1462)]
GTP_gef_RHEB_[(G)]
INPP4B_p−_PI_[(4)]
IRS_[pY]_ppi+_PI3K_[SH2]
IRS_[pY]_ppi−_PI3K_[SH2]
PDK1_p+_AKT2_[(T309)]
PI3K_p+_PI_[(3)]
PI4K3alpha_p+_PI_[(4)]
PIPK1alpha_p+_PI_[(5)]
PIPP_p−_PI_[(5)]
PTEN_p−_PI_[(3)]
RHEB_[switch1DSYDPTIEN]_ppi+_mTOR_[FATf..2f..3]
RHEB_[switch1DSYDPTIEN]_ppi−_mTOR_[FATf..2f..3]
RHEB_[switch1]_ppi+_mTOR_[Mheatm..2m..3m..4]
RHEB_[switch1]_ppi−_mTOR_[Mheatm..2m..3m..4]
RHEB_[switch2GQDEYSIFPQTYSIDIN]_ppi+_mTOR_[Nheatn..3ton..7]
RHEB_[switch2GQDEYSIFPQTYSIDIN]_ppi−_mTOR_[Nheatn..3ton..7]
RTK_p+_IRS_[(RTK)]
RTK_p−_IRS_[(RTK)]
SAC1M1L_p−_PI_[(4)]
SYNJ2_p−_PI_[(5)]
TSC1_[Cterminus]_ppi−_TSC2_[Nterminus]
[Output]
eIF4E_[A001]_ppi+_eIF4G_[A002]
eIF4E_[A001]_ppi−_EIF4EBP1_[A001]
eIF4E_[A001]_ppi−_eIF4G_[A002]
mTORC2_p+_AKT2_[(S474)]
mTOR_[Raptor]_ppi+_Raptor_[mTOR]
mitogen_[EGFR]_ppi+_EGFR_[mitogen]
mitogen_[EGFR]_ppi−_EGFR_[mitogen]
nk_p−_TSC2_[(Ser1130)]
nk_p−_TSC2_[(Ser939)]
nk_p−_TSC2_[(Ser981)]
nk_p−_TSC2_[(Thr1462)]
nn_p−_AKT2_[(S474)]
nn_p−_AKT2_[(T309)]
AKT2_[(S474)]−{0}
AKT2_[(S474)]−{p}
AKT2_[(T309)]−{0}
AKT2_[(T309)]−{p}
AKT2_[PI]−−0
AKT2_[PI]−−PI_[PH]
EGFR_[mitogen]−−0
EGFR_[mitogen]−−mitogen_[EGFR]
EIF4EBP1_[(Ser65)]−{p}
EIF4EBP1_[(Thr37)]−{p}
EIF4EBP1_[(Thr46)]−{p}
EIF4EBP1_[(Thr70)]−{p}
EIF4EBP1_[A001]−−0
GTP
INPP4B
IRS_[(RTK)]−{0}
IRS_[(RTK)]−{p}
IRS_[pY]−−0
IRS_[pY]−−PI3K_[SH2]
PDK1
PI3K_[SH2]−−0
PI4K3alpha
PIPK1alpha
PIPP
PI_[(3)]−{0}
PI_[(3)]−{p}
PI_[(4)]−{0}
PI_[(4)]−{p}
PI_[(5)]−{0}
PI_[(5)]−{p}
PI_[PH]−−0
PPM1G_[(AKT2)]−{p}
PTEN
RHEB_[(G)]−{gtp}
RHEB_[switch1DSYDPTIEN]−−0
RHEB_[switch1DSYDPTIEN]−−mTOR_[FATf..2f..3]
RHEB_[switch1]−−0
RHEB_[switch1]−−mTOR_[Mheatm..2m..3m..4]
RHEB_[switch2GQDEYSIFPQTYSIDIN]−−0
RHEB_[switch2GQDEYSIFPQTYSIDIN]−−mTOR_[Nheatn..3ton..7]
RTK
Raptor_[mTOR]−−mTOR_[Raptor]
SAC1M1L
SYNJ2
TSC1_[Cterminus]−−0
TSC2_[(Ser1130)]−{0}
TSC2_[(Ser1130)]−{p}
TSC2_[(Ser939)]−{0}
TSC2_[(Ser939)]−{p}
TSC2_[(Ser981)]−{0}
TSC2_[(Ser981)]−{p}
TSC2_[(Thr1462)]−{0}
TSC2_[(Thr1462)]−{p}
TSC2_[Nterminus]−−0
[EGFR]
[EIF4EBP1]
[Raptor]
[activatedEGFR]
[activatedPI3K]
[eIF4E]
[eIF4G]
[mTOR]
[mitogen]
eIF4E_[A001]−−0
eIF4E_[A001]−−eIF4G_[A002]
eIF4G_[A002]−−0
mTORC1
mTORC2
mTOR_[FATf..2f..3]−−0
mTOR_[Mheatm..2m..3m..4]−−0
mTOR_[Nheatn..3ton..7]−−0
mitogen_[EGFR]−−0
nk
nn
un
PPM1G_p−_EIF4EBP1_[(Ser65)]
PPM1G_p−_EIF4EBP1_[(Thr37)]
PPM1G_p−_EIF4EBP1_[(Thr46)]
PPM1G_p−_EIF4EBP1_[(Thr70)]
TSC1_[Cterminus]_ppi+_TSC2_[Nterminus]
TSC2_gap_RHEB_[(G)]
eIF4E_[A001]_ppi+_EIF4EBP1_[A001]
mTORC1_p+_EIF4EBP1_[(Ser65)]
mTORC1_p+_EIF4EBP1_[(Thr37)]
mTORC1_p+_EIF4EBP1_[(Thr46)]
mTORC1_p+_EIF4EBP1_[(Thr70)]
un_p−_PPM1G_[(AKT2)]
EIF4EBP1_[(Ser65)]−{0}
EIF4EBP1_[(Thr37)]−{0}
EIF4EBP1_[(Thr46)]−{0}
EIF4EBP1_[(Thr70)]−{0}
EIF4EBP1_[A001]−−eIF4E_[A001]
PPM1G_[(AKT2)]−{0}
RHEB_[(G)]−{0}
Raptor_[mTOR]−−0
TSC1_[Cterminus]−−TSC2_[Nterminus]
mTOR_[Raptor]−−0

t000 t001