	t = 0	t = 1	t = 2	t = 3	t = 4	t = 5	t = 6 - 34	t = 35	t = 36	t = 37	t = 38	t = 39	t = 40	t = 41	t = 42	t = 43	t = 44	t = 45	t = 46	t = 47	t = 48	t = 49	t = 50
[IR]																							
[insulin]																							
mTOR_p+_EIF4EBP1_[(Thr37)]																							
mTOR_p+_EIF4EBP1_[(Thr46)]																							
mTOR_p+_S6K1_[(T389)]																							
EIF4EBP1_[(Thr37)]-{p}																							
EIF4EBP1_[(Thr46)]-{p}																							
S6K1_[(T389)]-{p}																							
S6K1_p+_IRS_[(hS307)]																							
S6K1_p+_IRS_[(hS527)]																							
S6K1_p+_RICTOR_[(Thr1135)]																							
mTOR_p+_EIF4EBP1_[(Thr70)]																							
IRS_[(hS307)]-{p}																							
IRS_[(hS527)]-{p}																							
RICTOR_[(Thr1135)]-{p}																							
EIF4EBP1_[(Thr70)]-{p}																							
mTOR_p+_EIF4EBP1_[(Ser65)]																							
EIF4EBP1_[(Ser65)]-{p}																							
[Output]																							