

Probability of active and inactive interactions based on allMedianNetworks of MS patients treated with drug Copaxone

Drug-subgroup probability

Legend: OFF (orange), ON (green)

Drug Pair	OFF (Active) Probability	ON (Inactive) Probability
ISGK=FAK1	1.0	0.0
AKT1=IKBA	1.0	0.0
KPCZ=IKBA	0.9	0.1
TAK1=IKBA	0.9	0.1
CONA=PI3K	0.7	0.3
EGFR=PI3K	1.0	0.0
INS=PI3K	0.5	0.5
ILPS=IL1R1	1.0	0.0
PIP3=PLCG1	0.9	0.1
SLP76=PLCG1	0.8	0.2
MK12=JUN	0.7	0.3
PLCG1=IKBA	0.9	0.1
H2O2=NF2L2	0.5	0.5
ZAP70=GRB2	0.6	0.4
TAK1=MK12	0.3	0.7
NACL=MK12	0.8	0.2
RAC1=MAP2K4	0.9	0.1
ZAP70=MAP3K1	0.8	0.2
ZAP70=MAP2K4	0.9	0.1
MAP2K4=JUN	0.8	0.2
PKC=IKBA	0.9	0.1
BDNF=GRB2	0.4	0.6
PIP3=PKC	0.9	0.1
ZAP70=PLCG1	0.9	0.1
IP53=PIP3	0.9	0.1
IP53=BCLXL	1.0	0.0
MK12=HSPB1	0.7	0.3
MKO3=CREB1	1.0	0.0
IEGCG=CREB1	0.9	0.1
PI3K=CREB1	0.9	0.1
PIP3=CREB1	1.0	0.0
IGILENYA=KPCZ	0.9	0.1
IS1P1=KPCZ	0.7	0.3
ICONA=PIP3	1.0	0.0
IMKO3=LCK	0.4	0.6
MKO3=ZAP70	0.7	0.3
ISTAT3=GP130	1.0	0.0
GRB2=RAS	0.3	0.7
CONA=PLCG1	1.0	0.0
CONA=STAT1	0.7	0.3
CONA=STAT3	0.9	0.1
CONA=STAT5	0.9	0.1
CONA=VAV	0.7	0.3
CONA=GRB2	0.3	0.7
!ANTICD3=FYN	0.6	0.4
!ANTICD3=PAG	1.0	0.0
ANTICD3=TCRP	0.5	0.5
TNFA=CASP8	0.9	0.1
TNFA=MAP3K1	0.3	0.7
TNFA=IKBA	1.0	0.0
IL1R1=TAK1	0.5	0.5
POLYIC=TAK1	0.3	0.7
LPS=TAK1	0.3	0.7
ILCK=PLCG1	0.9	0.1
SH3BP2=RAC1	1.0	0.0
VITD3=STAT1	1.0	0.0

