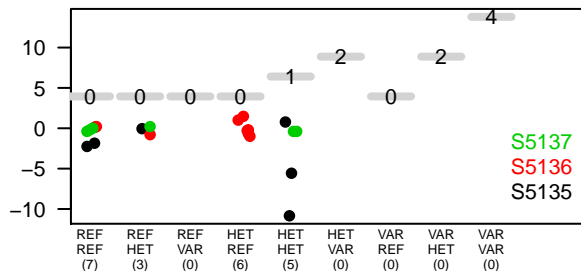
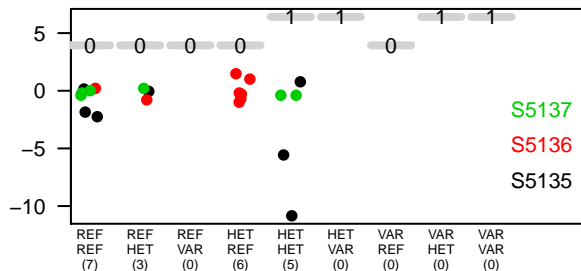


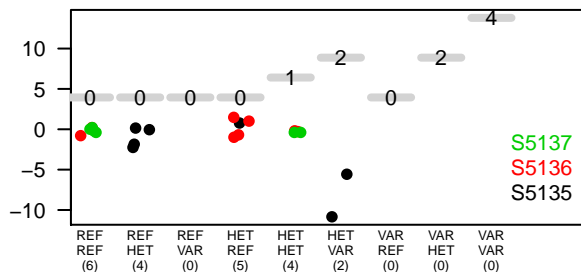
Arfgef1 x 4930443G12Rik
additive



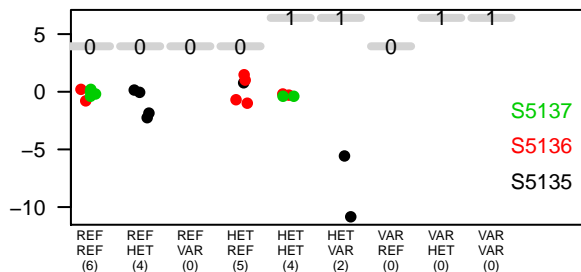
Arfgef1 x 4930443G12Rik
dominant



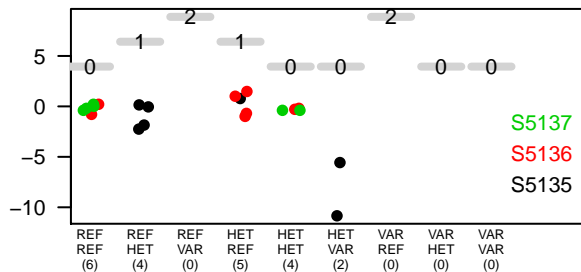
Arfgef1 x Clcn1
additive



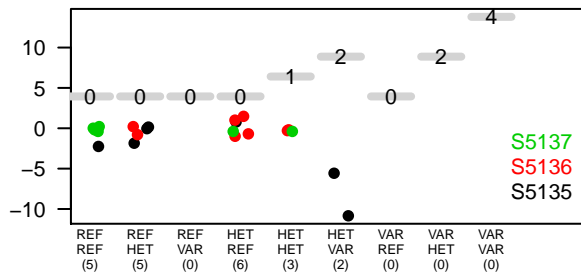
Arfgef1 x Clcn1
dominant



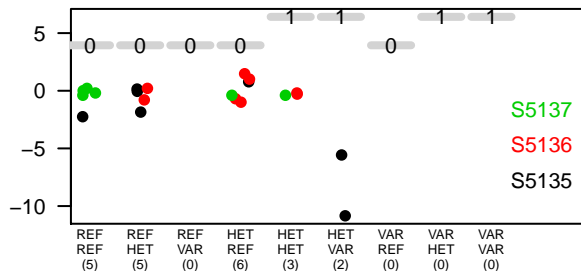
Arfgef1 x Clcn1
inhibitory



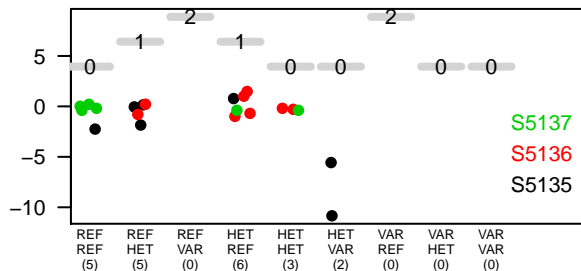
Arfgef1 x Kbtbd2
additive



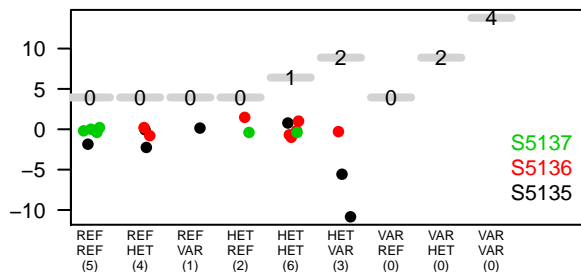
**Arfgef1 x Kbtbd2
dominant**



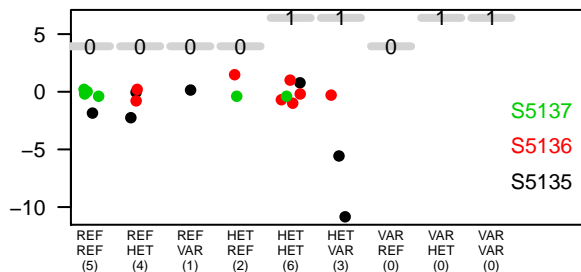
**Arfgef1 x Kbtbd2
inhibitory**



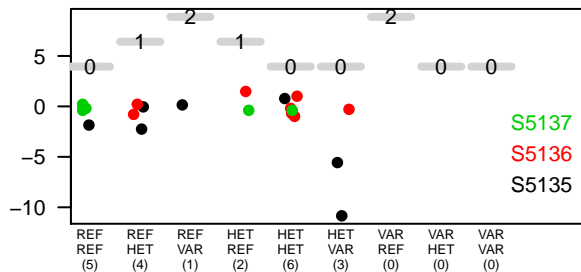
**Arfgef1 x Alms1
additive**



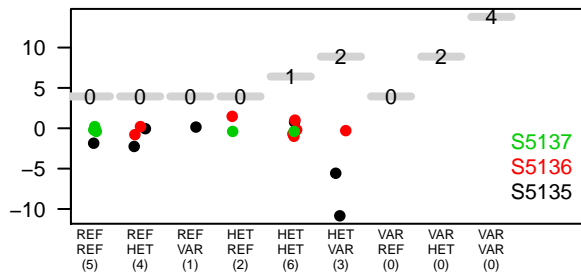
**Arfgef1 x Alms1
dominant**



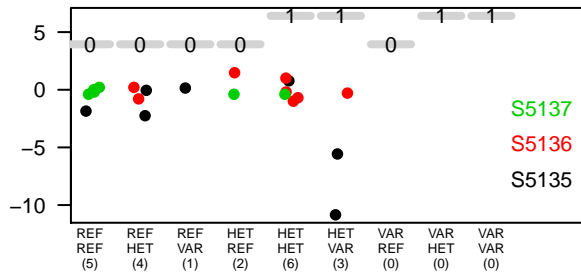
**Arfgef1 x Alms1
inhibitory**



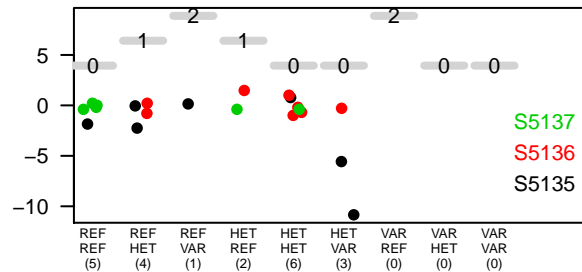
**Arfgef1 x Tprkb
additive**



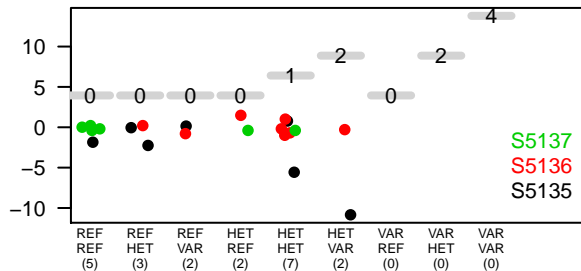
**Arfgef1 x Tprkb
dominant**



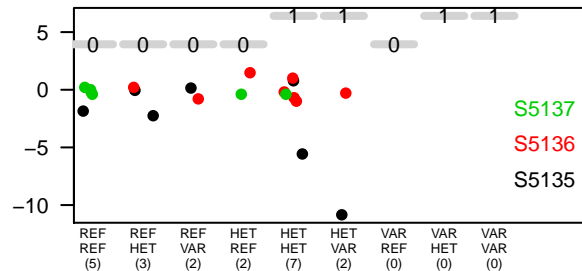
**Arfgef1 x Tprkb
inhibitory**



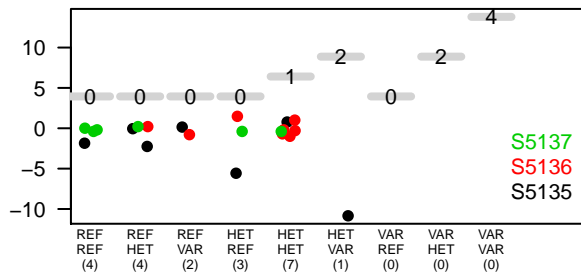
**Arfgef1 x Zip9
additive**



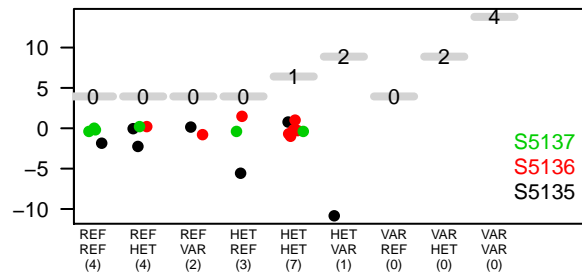
**Arfgef1 x Zip9
dominant**



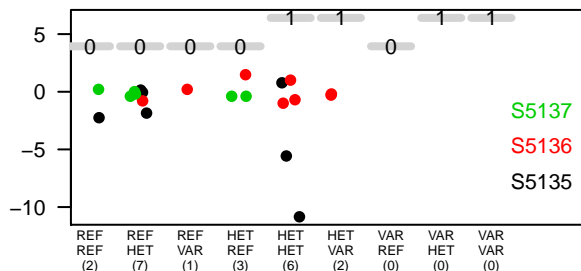
**Arfgef1 x Fkbp4
additive**



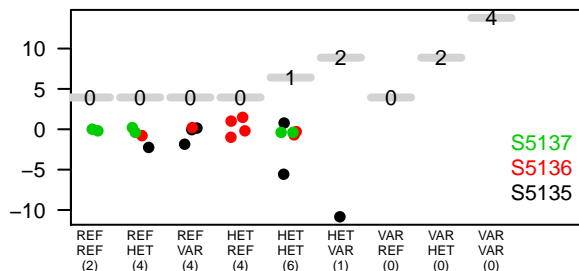
**Arfgef1 x Clec12a
additive**



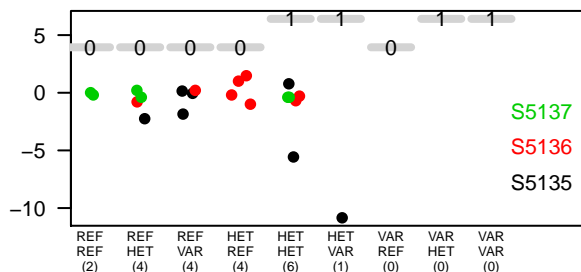
Arfgef1 x Ttl13
dominant



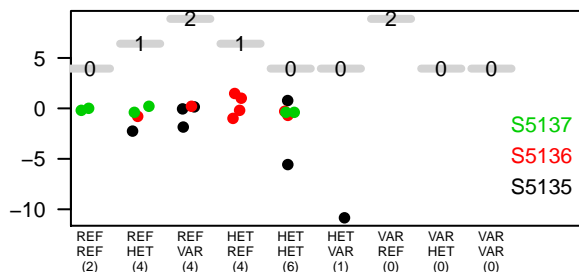
Arfgef1 x Dpy1912
additive



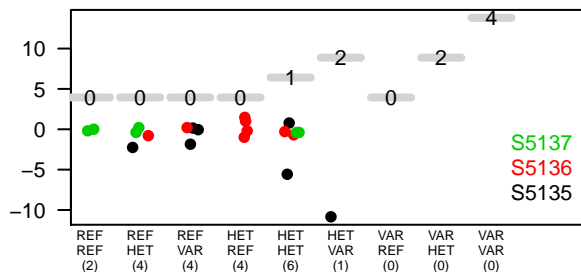
Arfgef1 x Dpy1912
dominant



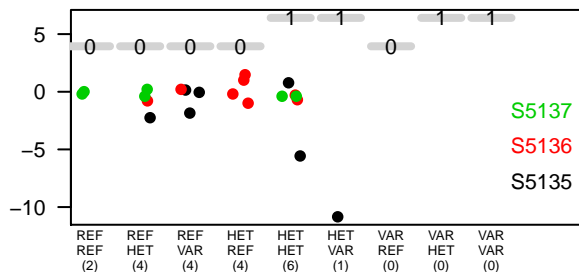
Arfgef1 x Dpy1912
inhibitory



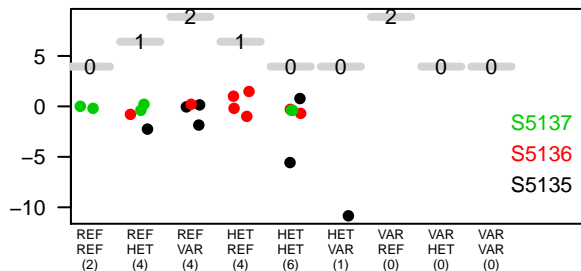
Arfgef1 x Ncapd3
additive



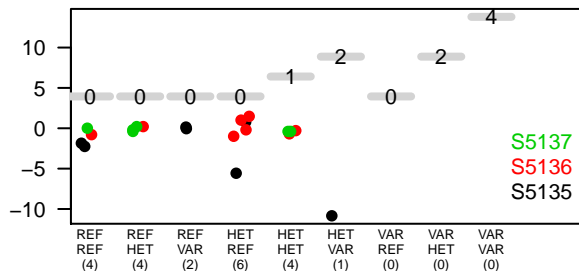
Arfgef1 x Ncapd3
dominant



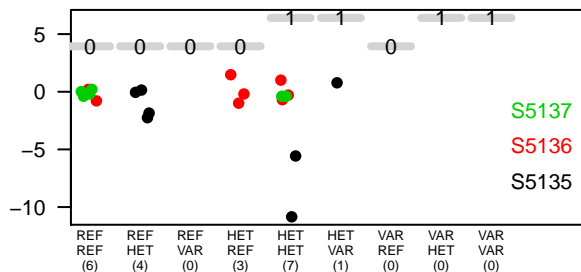
Argef1 x Ncapd3
inhibitory



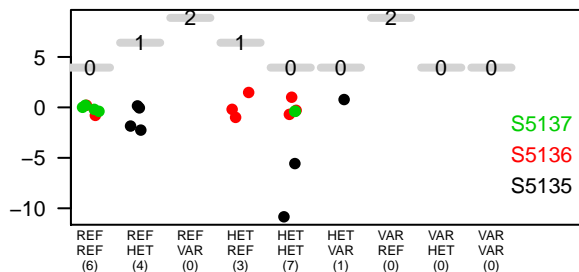
Argef1 x Mpz12
additive



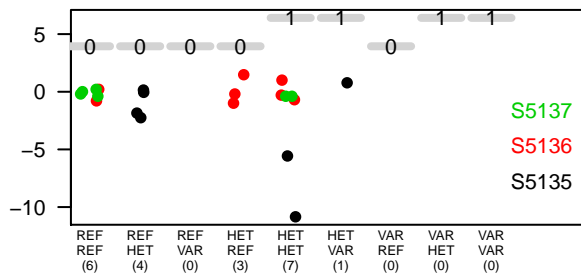
Argef1 x Mmp11
dominant



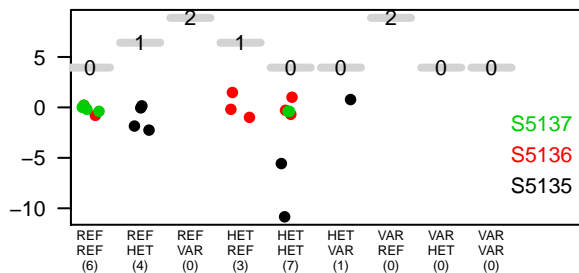
Argef1 x Mmp11
inhibitory



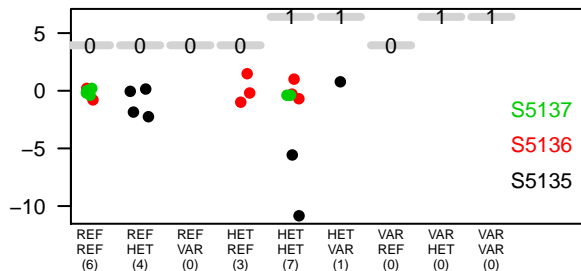
Argef1 x Ap3d1
dominant



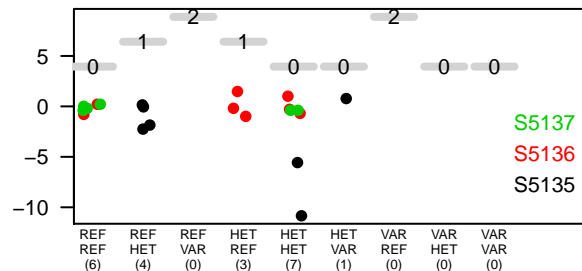
Argef1 x Ap3d1
inhibitory



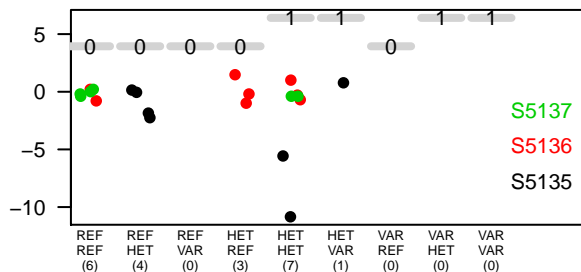
Arfgef1 x Ric8b
dominant



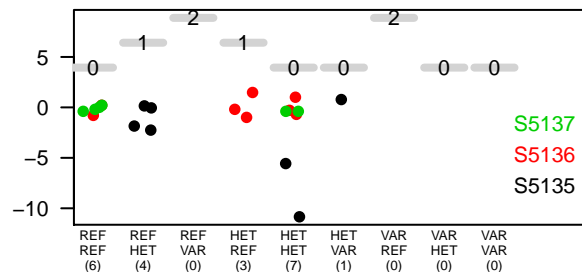
Arfgef1 x Ric8b
inhibitory



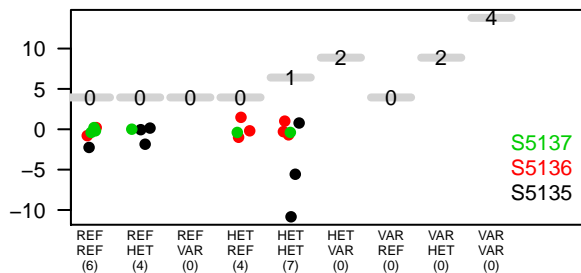
Arfgef1 x Utp20
dominant



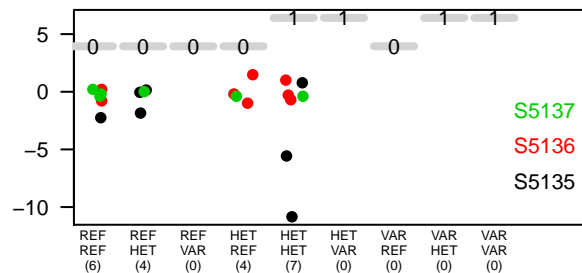
Arfgef1 x Utp20
inhibitory



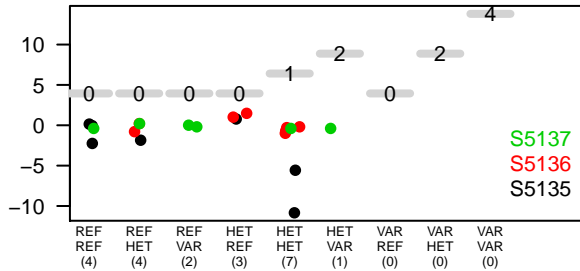
Arfgef1 x Ptrpq
additive



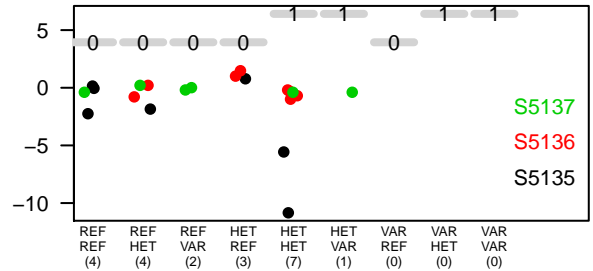
Arfgef1 x Ptrpq
dominant



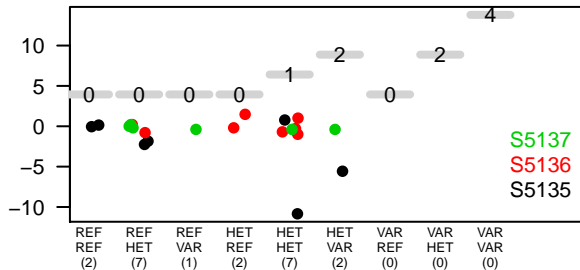
Arfgef1 x Adamts2
additive



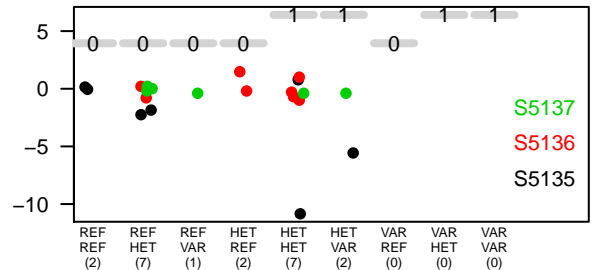
Arfgef1 x Adamts2
dominant



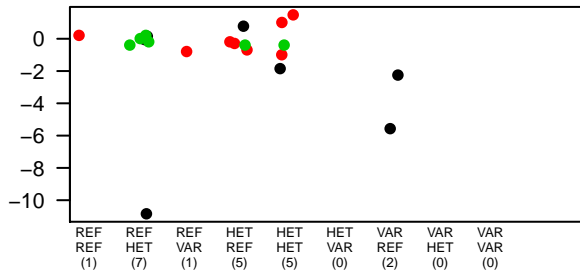
Arfgef1 x Prss41
additive



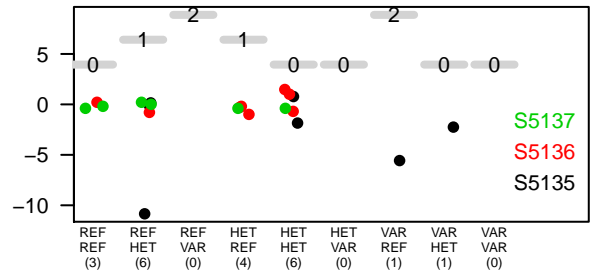
Arfgef1 x Prss41
dominant



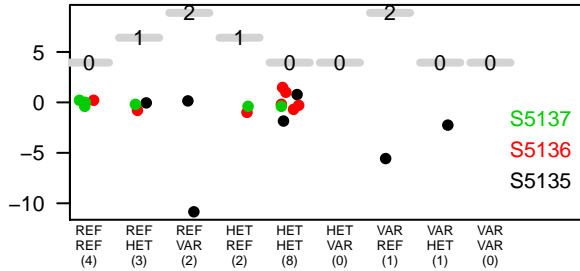
Myo1b x Gm973
lethal



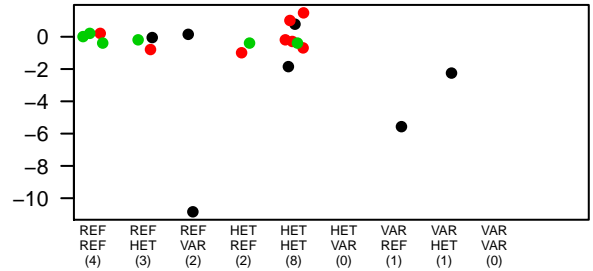
Myo1b x Usp24
inhibitory



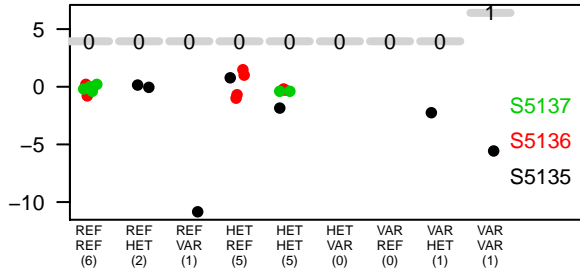
Myo1b x Scarb1
inhibitory



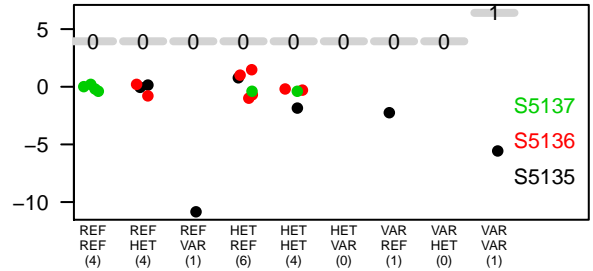
Myo1b x Scarb1
lethal



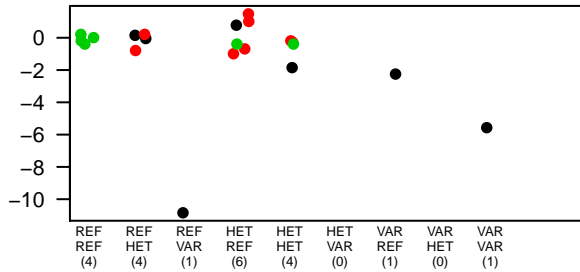
Myo1b x Clcn1
recessive



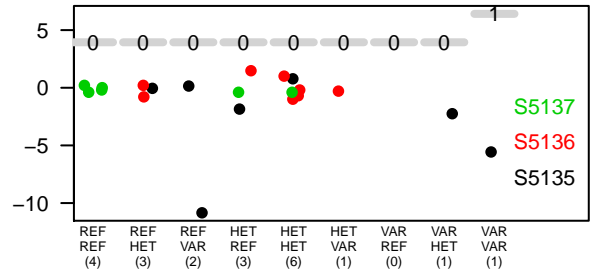
Myo1b x Kbtbd2
recessive



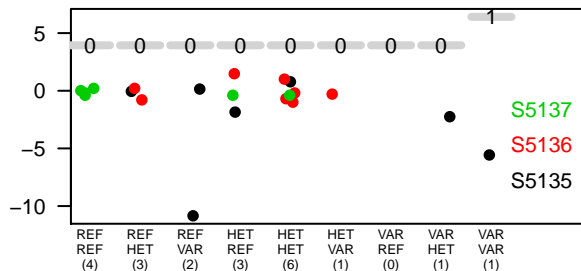
Myo1b x Kbtbd2
lethal



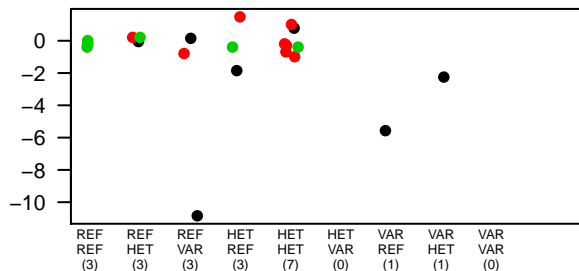
Myo1b x Alms1
recessive



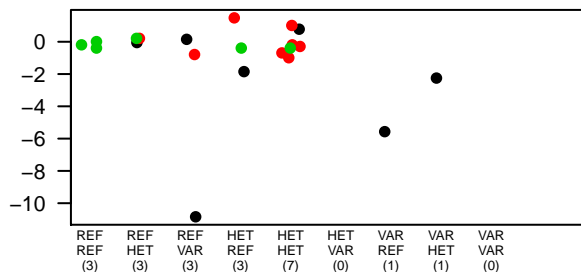
Myo1b x Tprkb
recessive



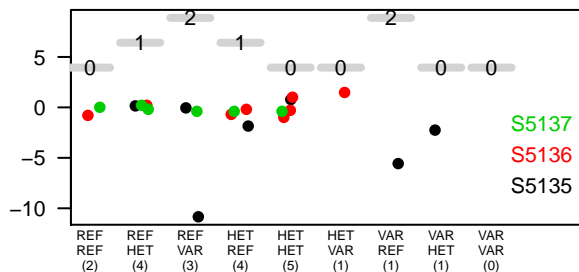
Myo1b x Fkbp4
lethal



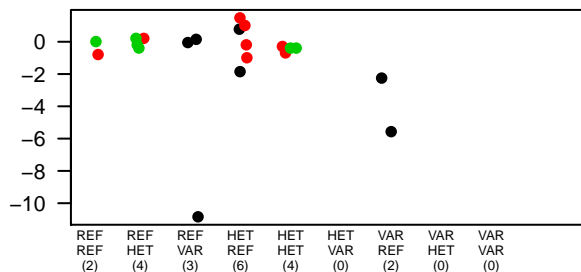
Myo1b x Clec12a
lethal



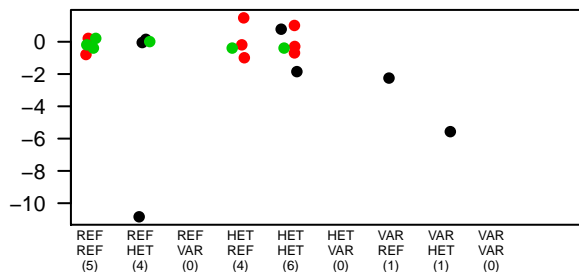
Myo1b x Tmtc1
inhibitory



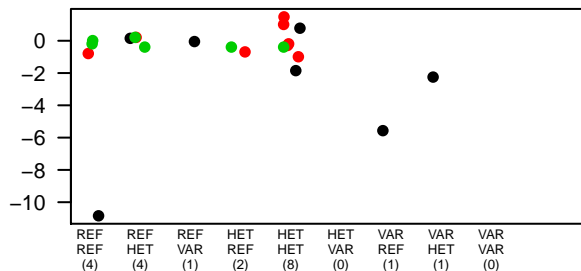
Myo1b x Mpz12
lethal



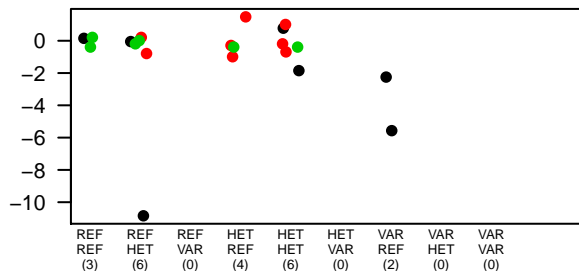
Myo1b x Ptprq
lethal



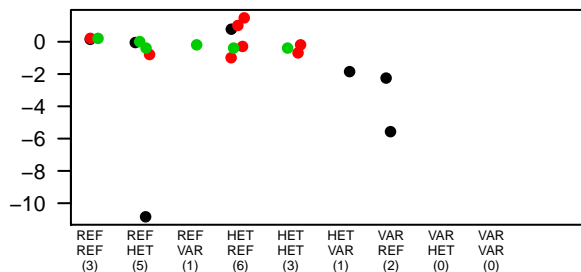
Myo1b x Hic1
lethal



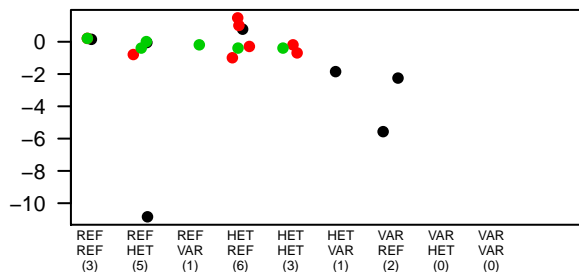
Myo1b x Plekhh1
lethal



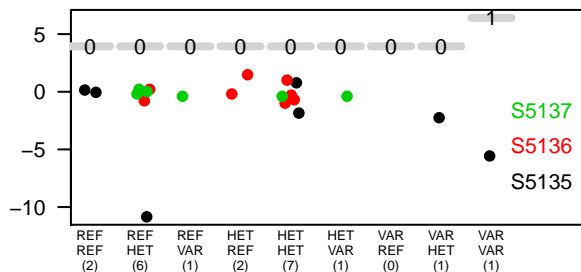
Myo1b x Psme1
lethal



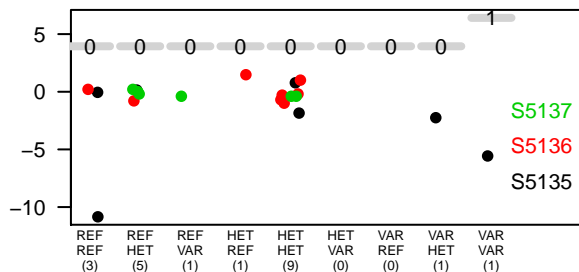
Myo1b x Dpysl2
lethal



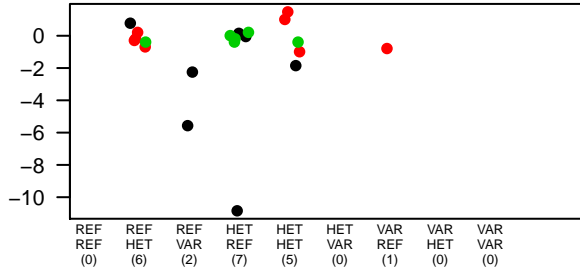
Myo1b x Prss41
recessive



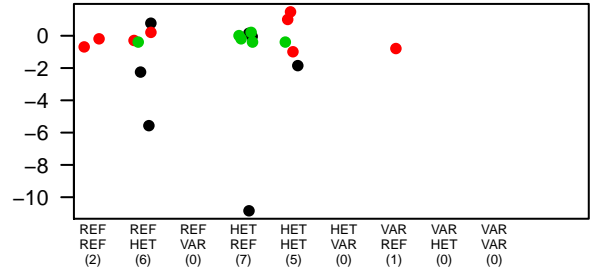
Myo1b x Col11a2
recessive



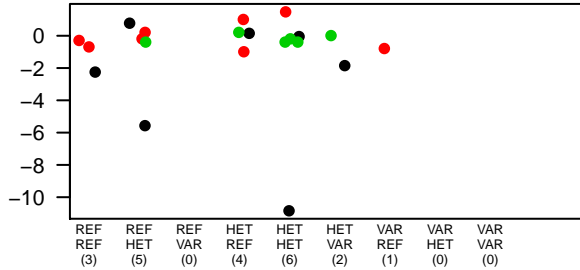
Gm973 x Cyp20a1
lethal



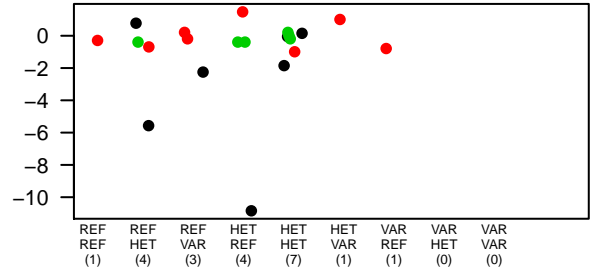
Gm973 x Cxcr1
lethal



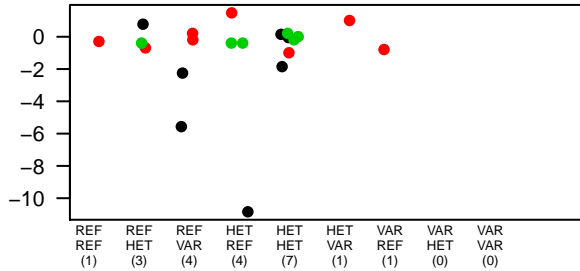
Gm973 x Pkn3
lethal



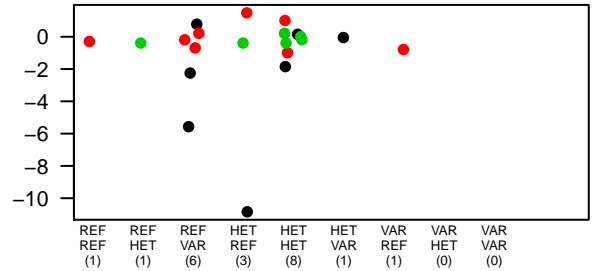
Gm973 x Lrrc55
lethal



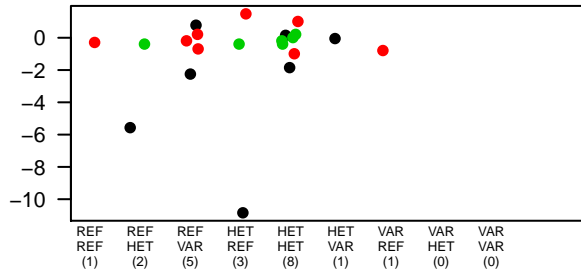
Gm973 x Olfr1225
lethal



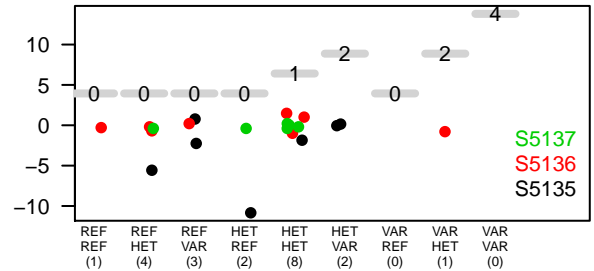
Gm973 x Lgr4
lethal



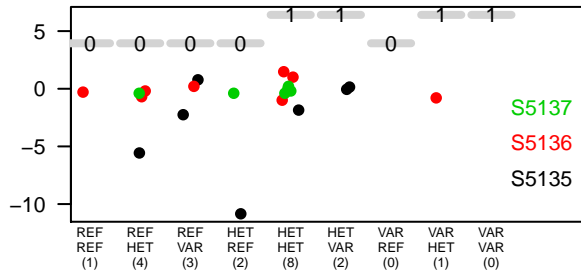
Gm973 x Mertk
lethal



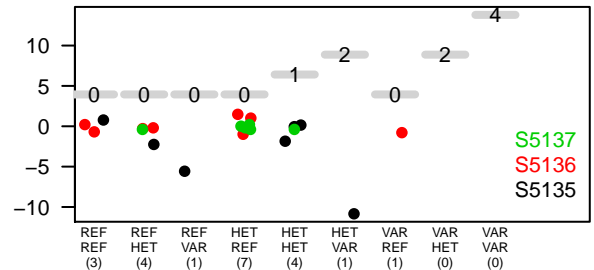
Gm973 x Spinlwl
additive



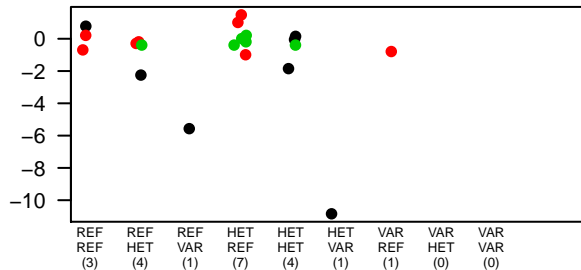
Gm973 x Spinlwl
dominant



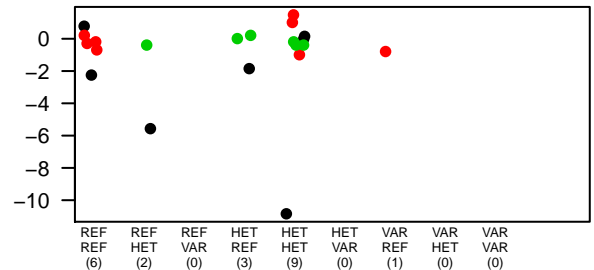
Gm973 x Clcn1
additive



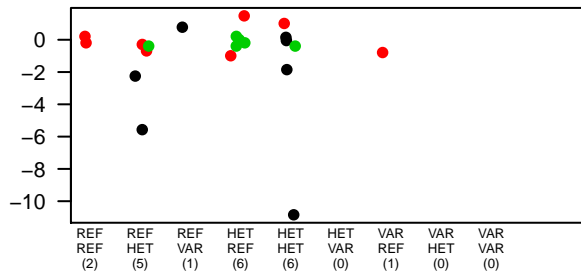
Gm973 x Clcn1
lethal



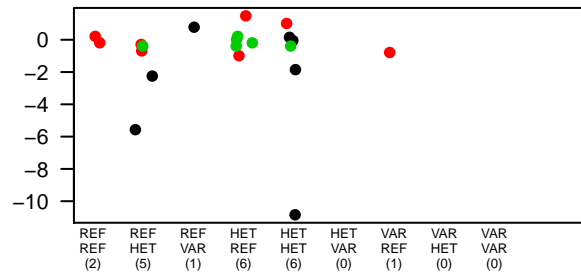
Gm973 x Ntpcr
lethal



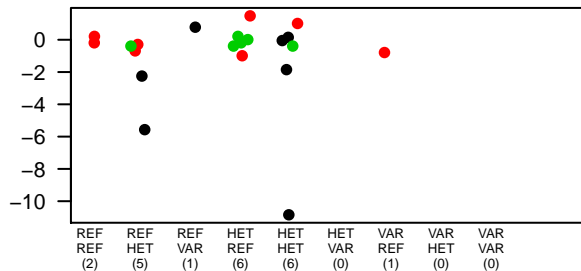
Gm973 x Mmp11
lethal



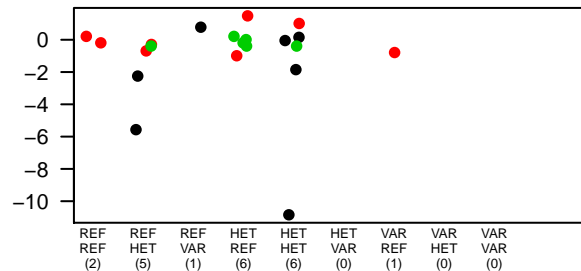
Gm973 x Ap3d1
lethal



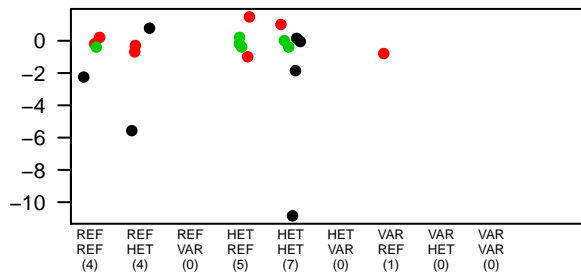
Gm973 x Ric8b
lethal



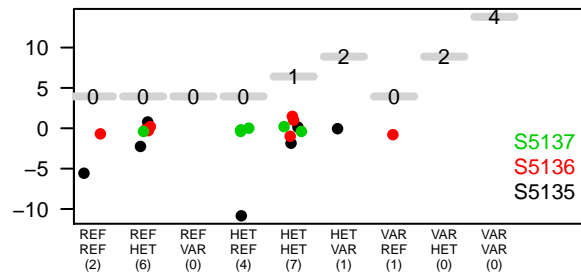
Gm973 x Utp20
lethal



Gm973 x Ptprq
lethal

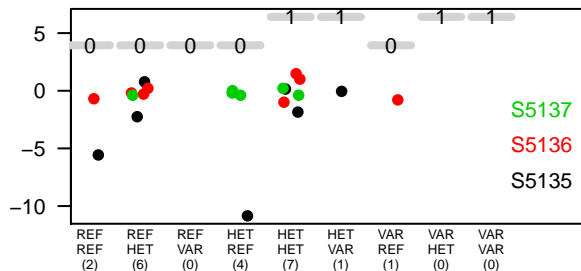


Gm973 x Hic1
additive

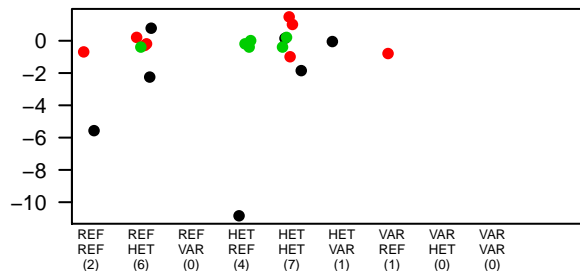


S5137
S5136
S5135

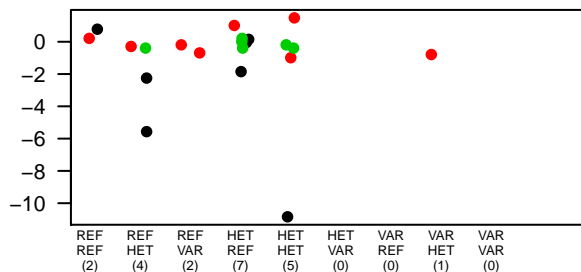
**Gm973 x Hic1
dominant**



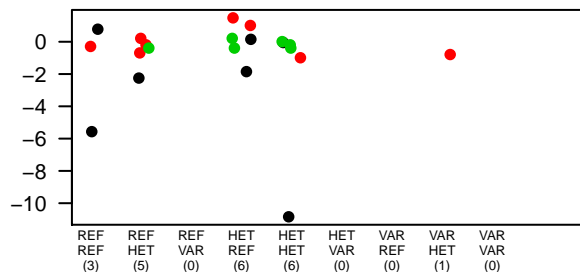
**Gm973 x Hic1
lethal**



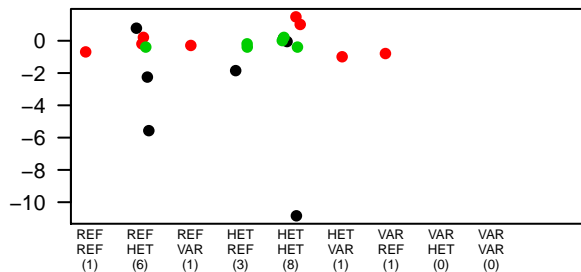
**Gm973 x Cntnap3
lethal**



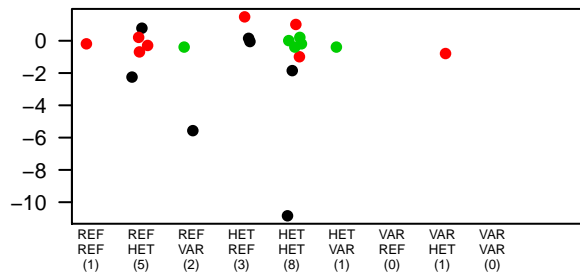
**Gm973 x Naip1
lethal**



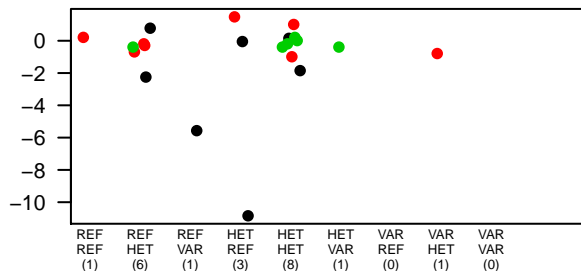
**Gm973 x Dvl3
lethal**



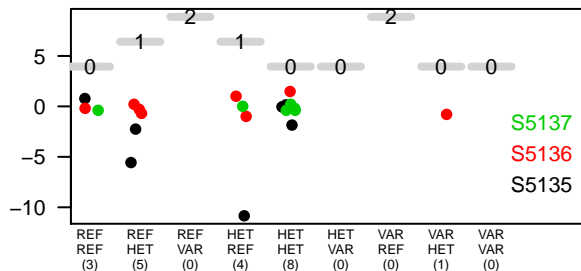
**Gm973 x Prss41
lethal**



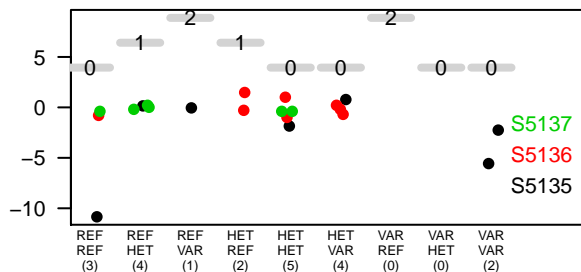
Gm973 x Col11a2
lethal



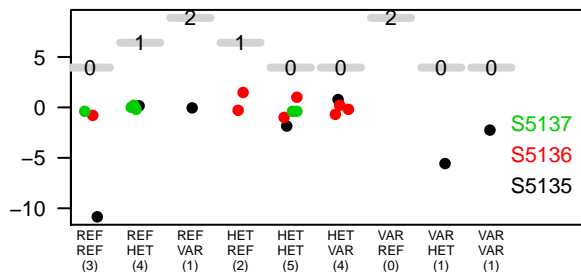
Gm973 x Spink10
inhibitory



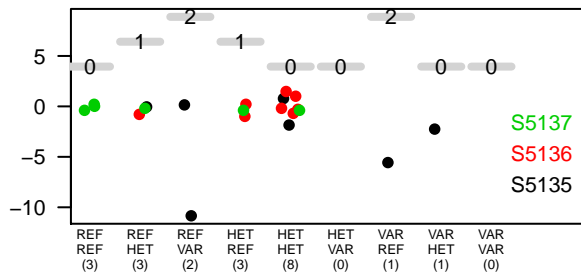
Cyp20a1 x Lgr4
inhibitory



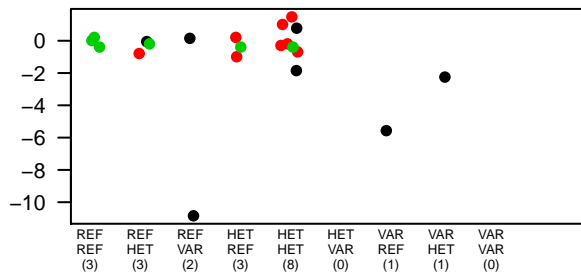
Cyp20a1 x Mertk
inhibitory



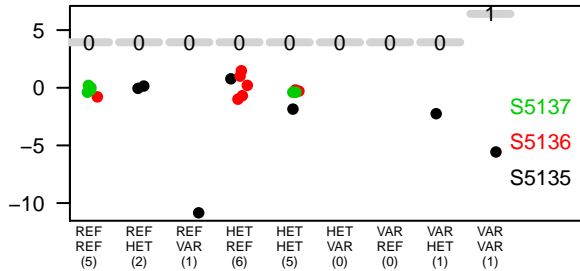
Cyp20a1 x Scarb1
inhibitory



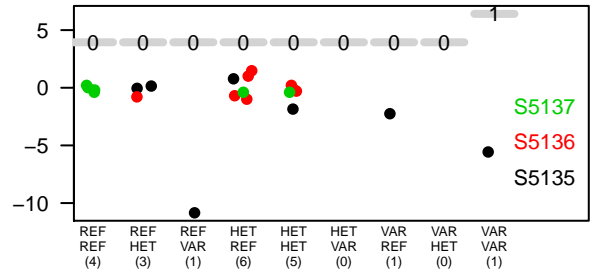
Cyp20a1 x Scarb1
lethal



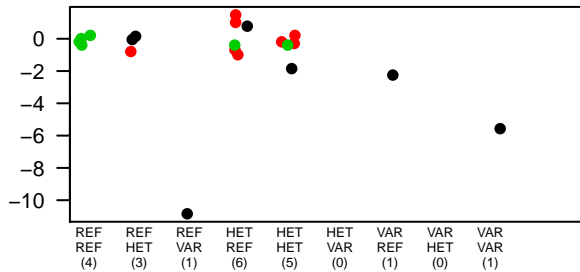
Cyp20a1 x Clcn1
recessive



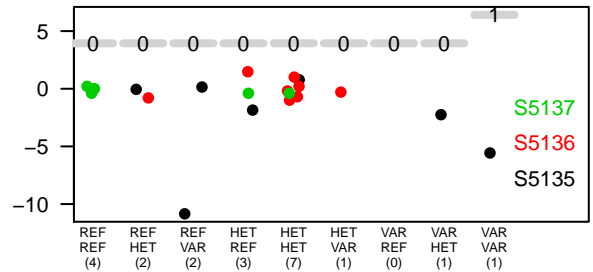
Cyp20a1 x Kbtbd2
recessive



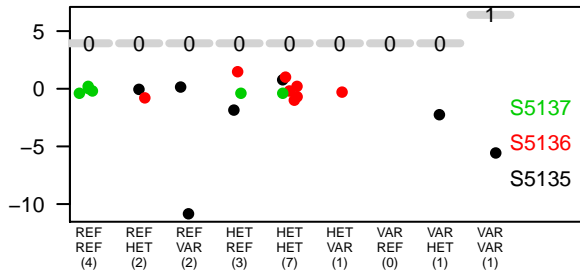
Cyp20a1 x Kbtbd2
lethal



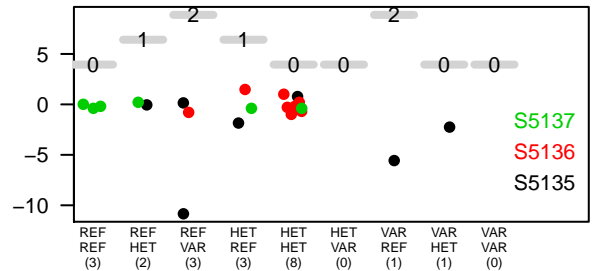
Cyp20a1 x Alms1
recessive



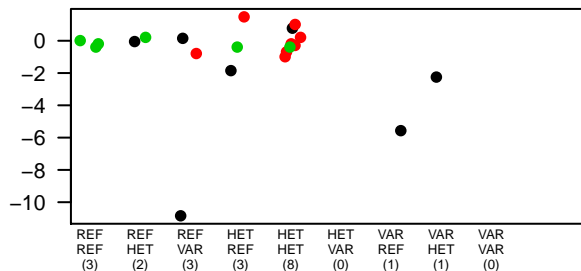
Cyp20a1 x Tprkb
recessive



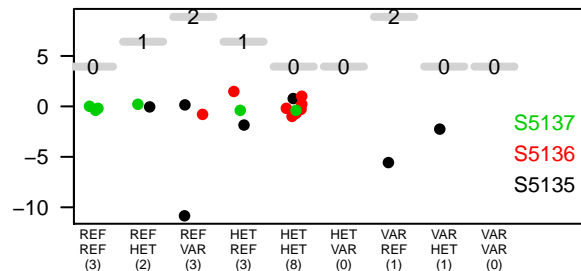
Cyp20a1 x Fkbp4
inhibitory



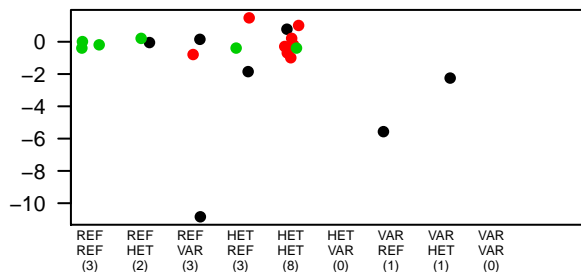
Cyp20a1 x Fkbp4
lethal



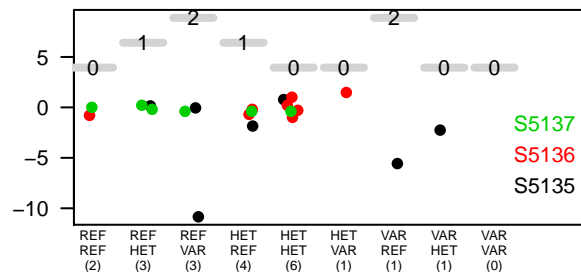
Cyp20a1 x Clec12a
inhibitory



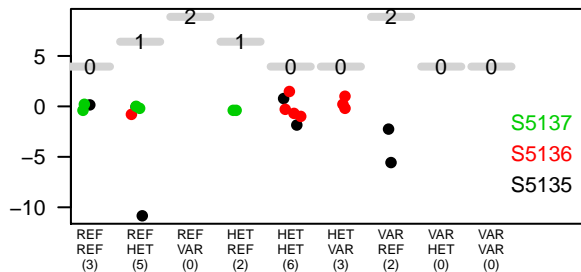
Cyp20a1 x Clec12a
lethal



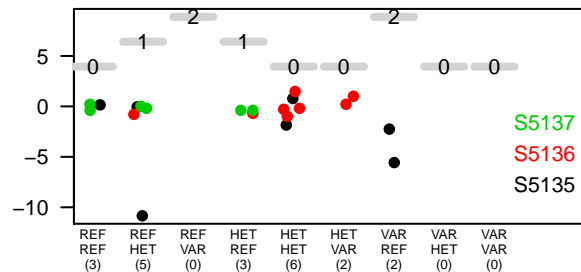
Cyp20a1 x Tmtc1
inhibitory



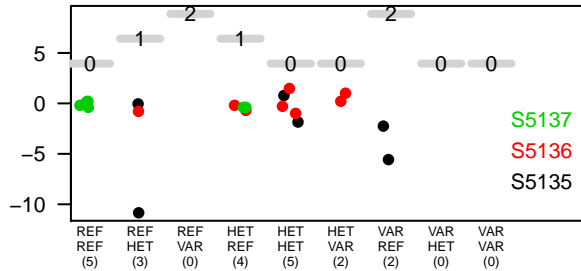
Cyp20a1 x Acsml
inhibitory



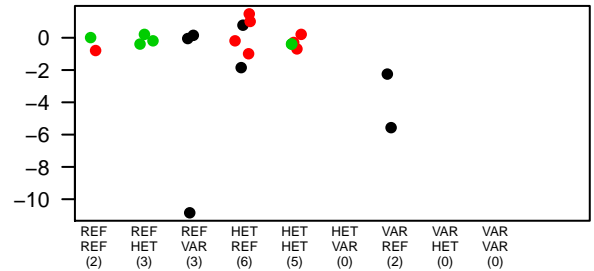
Cyp20a1 x Acadsb
inhibitory



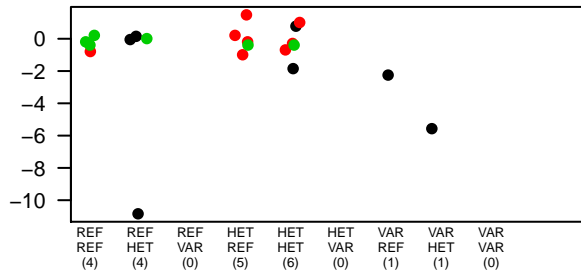
Cyp20a1 x Muc5b
inhibitory



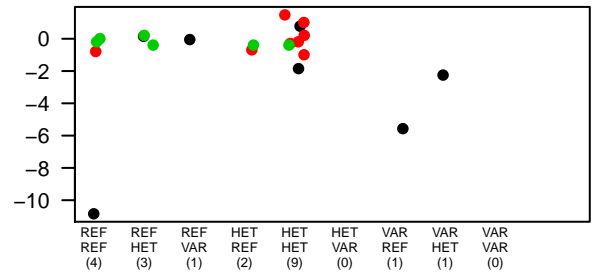
Cyp20a1 x Mpzl2
lethal



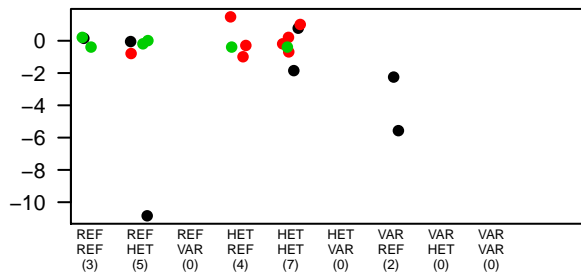
Cyp20a1 x Ptpqr
lethal



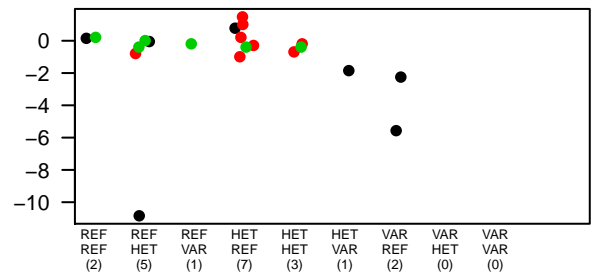
Cyp20a1 x Hic1
lethal



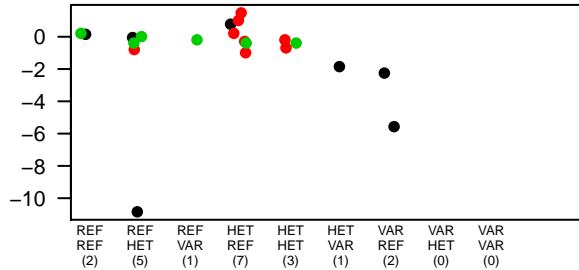
Cyp20a1 x Plekhm1
lethal



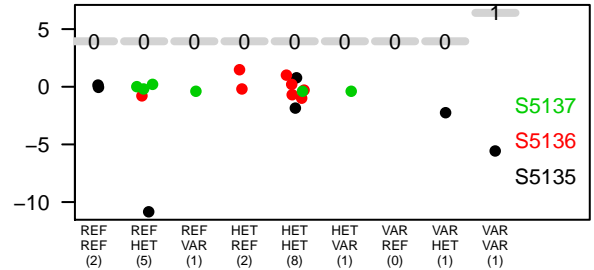
Cyp20a1 x Psme1
lethal



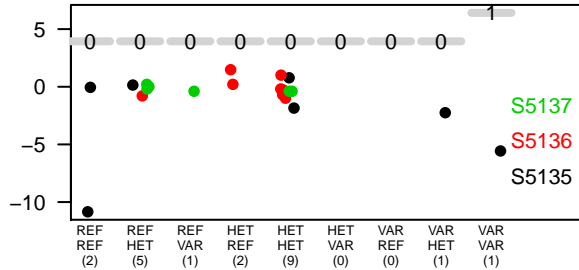
Cyp20a1 x Dpysl2
lethal



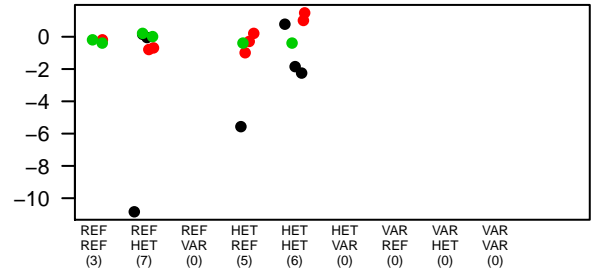
Cyp20a1 x Prss41
recessive



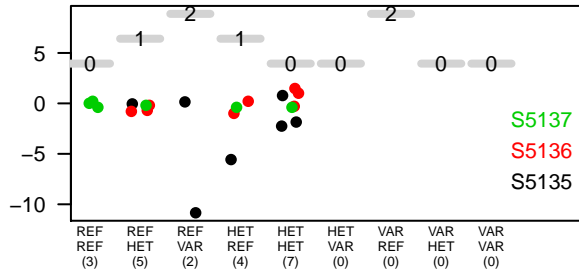
Cyp20a1 x Col11a2
recessive



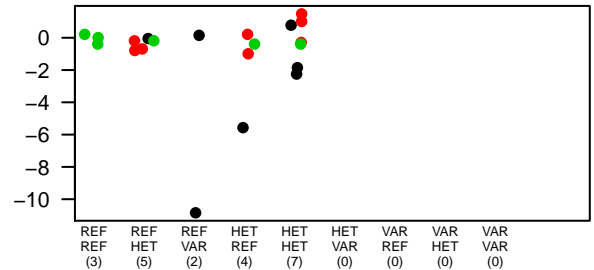
Cxcr1 x Usp24
lethal



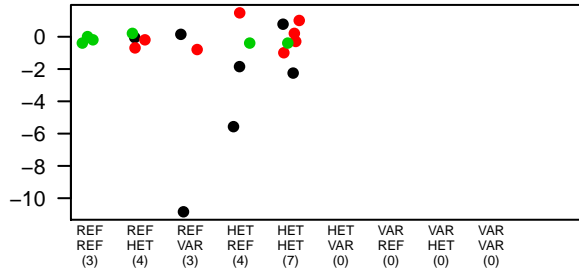
Cxcr1 x Scarb1
inhibitory



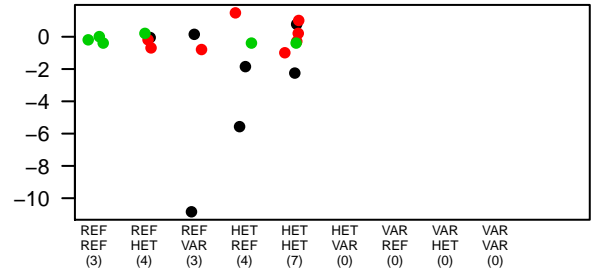
Cxcr1 x Scarb1
lethal



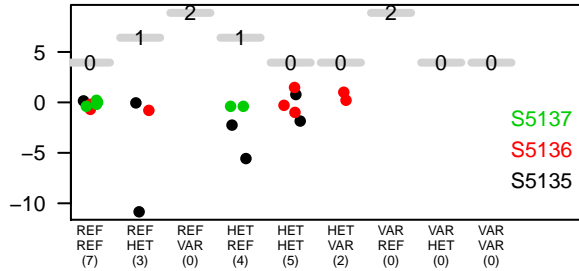
Cxcr1 x Fkbp4
lethal



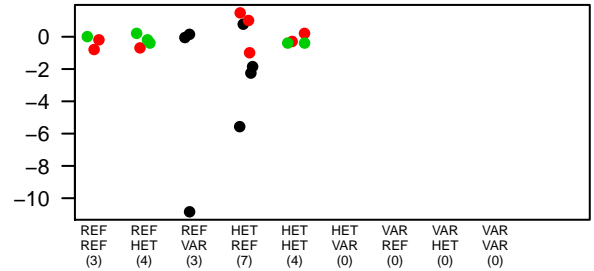
Cxcr1 x Clec12a
lethal



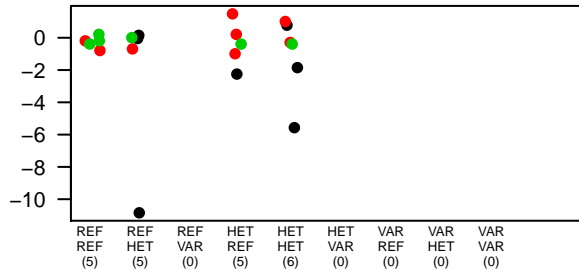
Cxcr1 x Muc5b
inhibitory



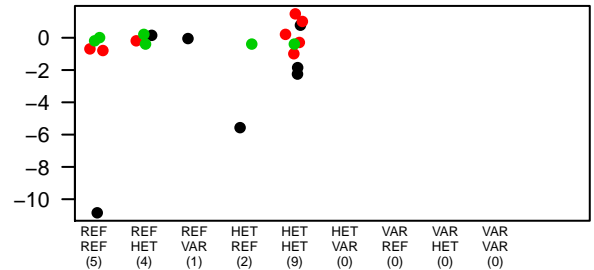
Cxcr1 x Mpzl2
lethal



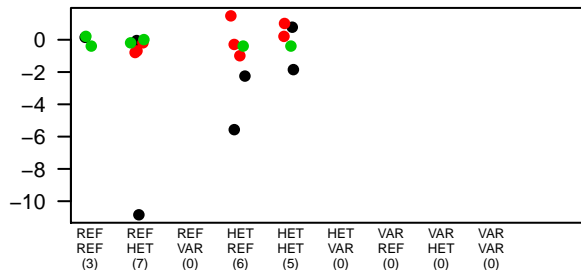
Cxcr1 x Ptprq
lethal



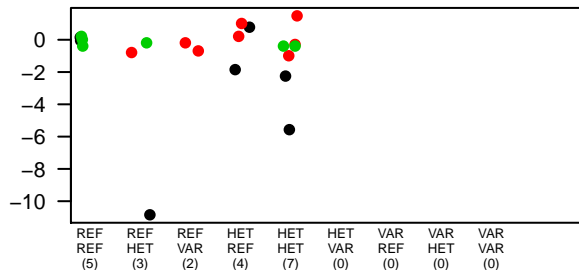
Cxcr1 x Hic1
lethal



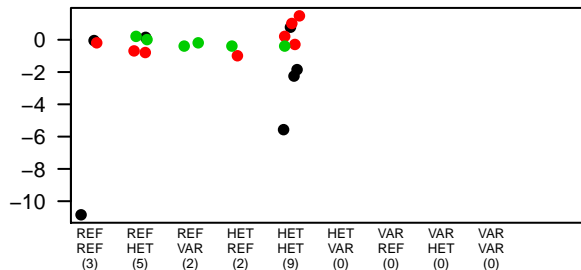
Cxcr1 x Plekhh1
lethal



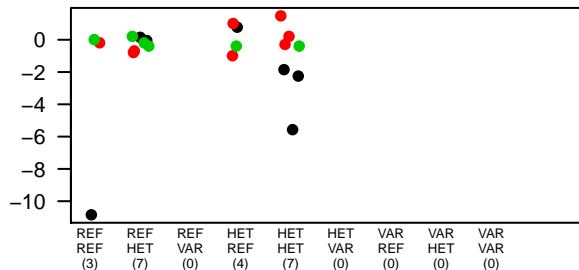
Cxcr1 x Cntnap3
lethal



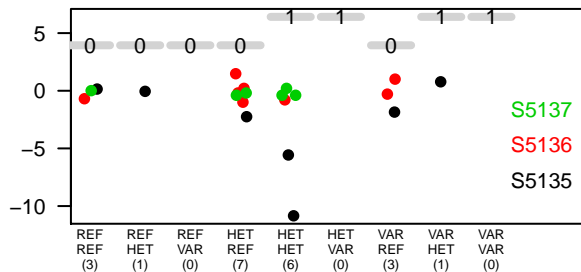
Cxcr1 x Zdhhc8
lethal



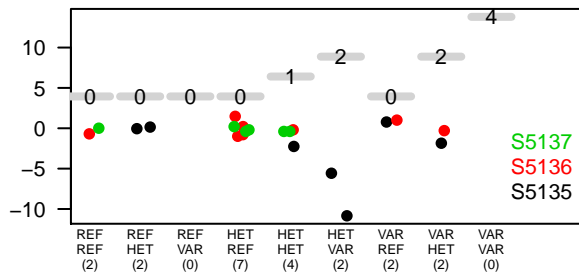
Cxcr1 x Spink10
lethal



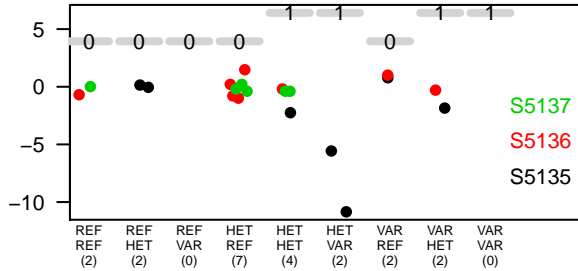
Zp3r x 4930443G12Rik
dominant



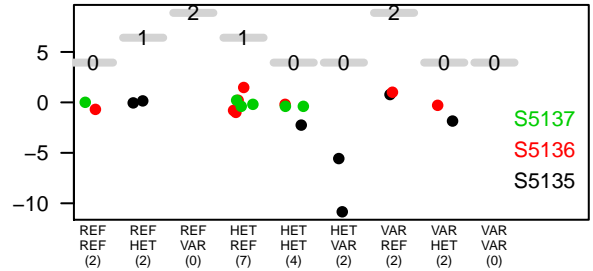
Zp3r x Clcn1
additive



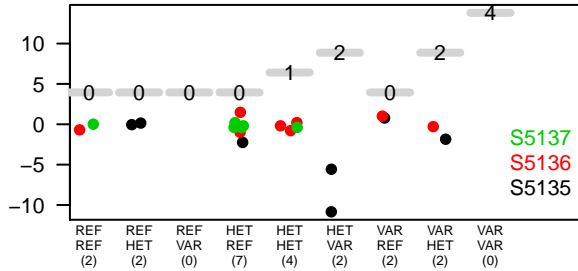
**Zp3r x Clcn1
dominant**



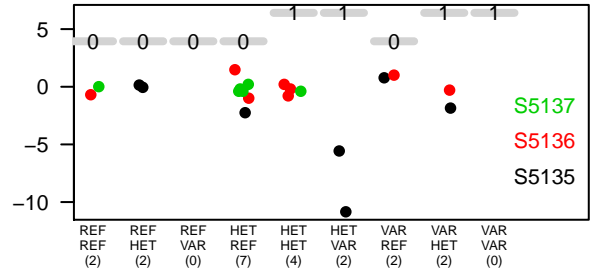
**Zp3r x Clcn1
inhibitory**



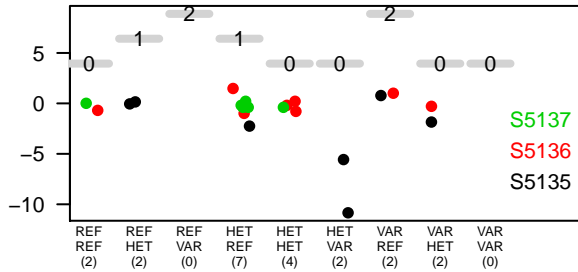
**Zp3r x Kbtbd2
additive**



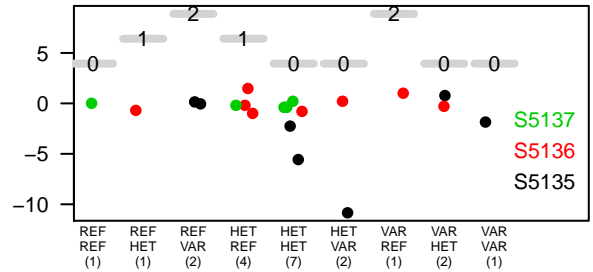
**Zp3r x Kbtbd2
dominant**



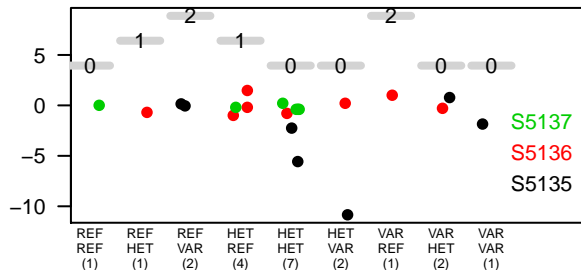
**Zp3r x Kbtbd2
inhibitory**



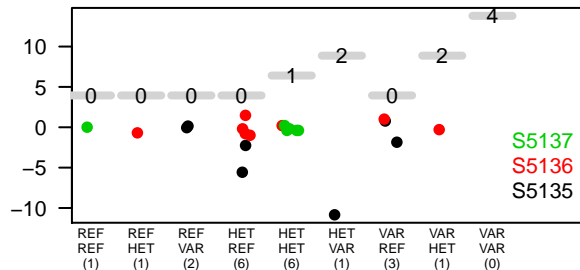
**Zp3r x Dpy19l2
inhibitory**



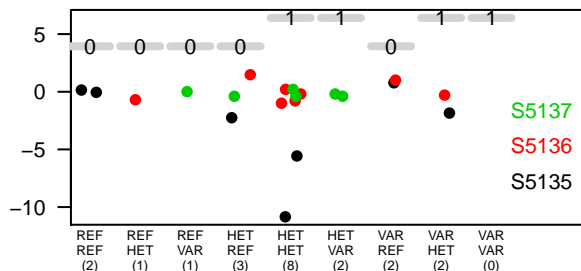
Zp3r x Ncapd3
inhibitory



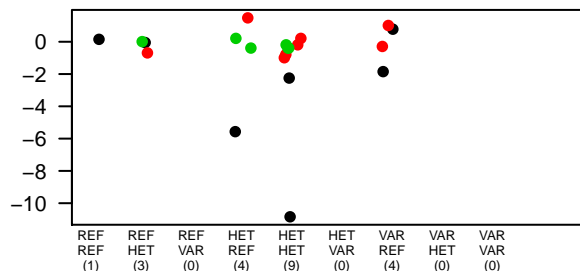
Zp3r x Mpzl2
additive



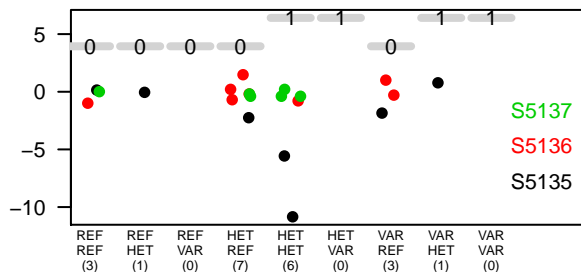
Zp3r x Adamts2
dominant



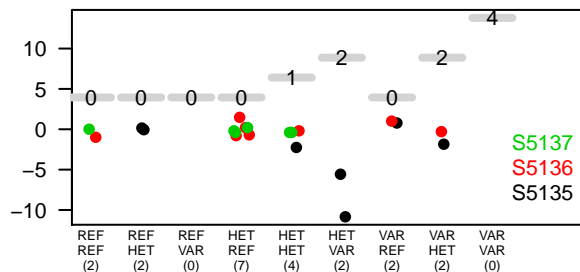
Zp3r x Naip1
lethal



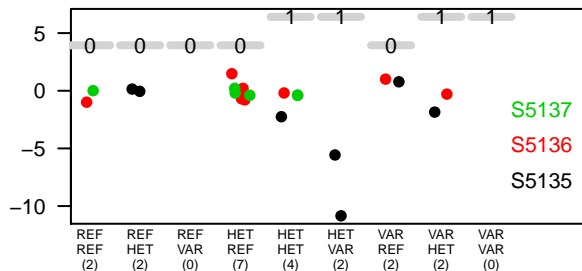
Cacna1s x 4930443G12Rik
dominant



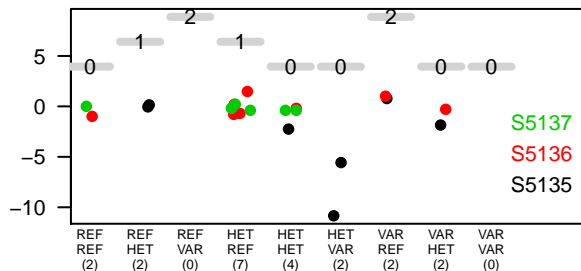
Cacna1s x Clcn1
additive



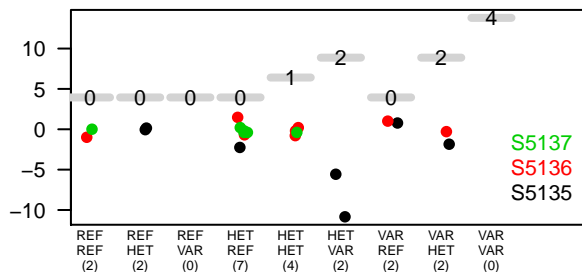
**Cacna1s x Clcn1
dominant**



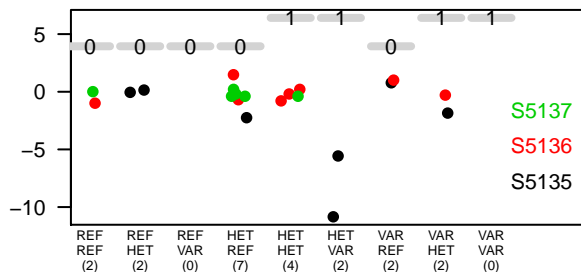
**Cacna1s x Clcn1
inhibitory**



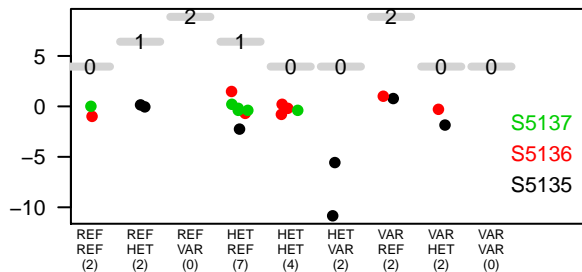
**Cacna1s x Kbtbd2
additive**



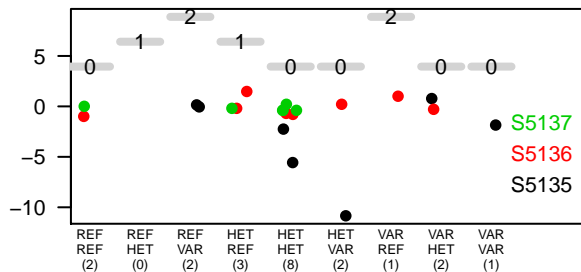
**Cacna1s x Kbtbd2
dominant**



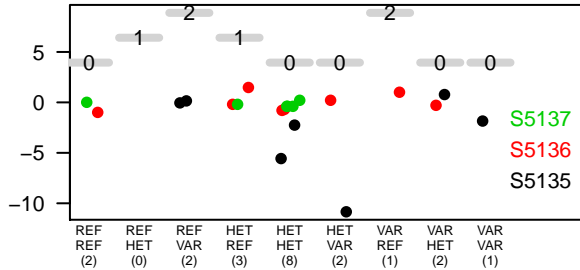
**Cacna1s x Kbtbd2
inhibitory**



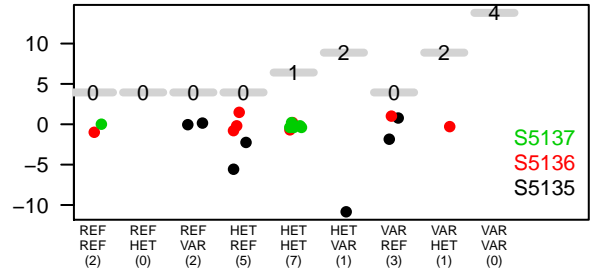
**Cacna1s x Dpy19l2
inhibitory**



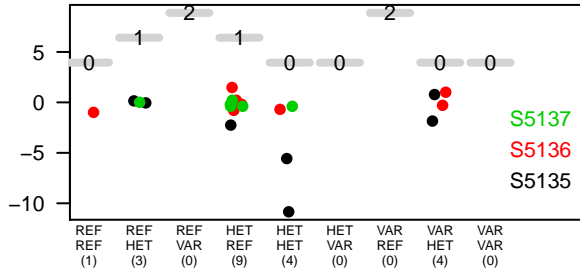
Cacna1s x Ncapd3
inhibitory



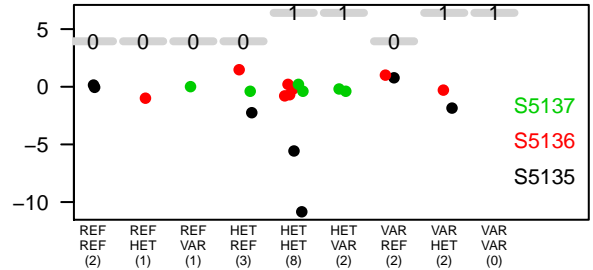
Cacna1s x Mpzl2
additive



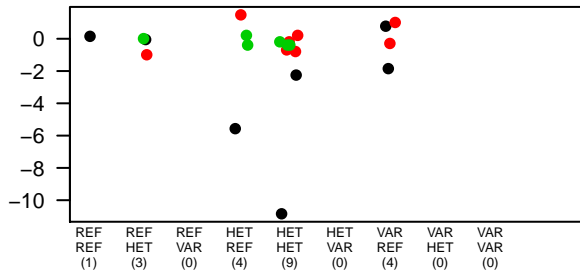
Cacna1s x Ptpqr
inhibitory



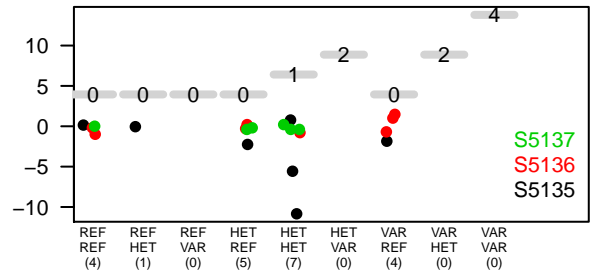
Cacna1s x Adamts2
dominant



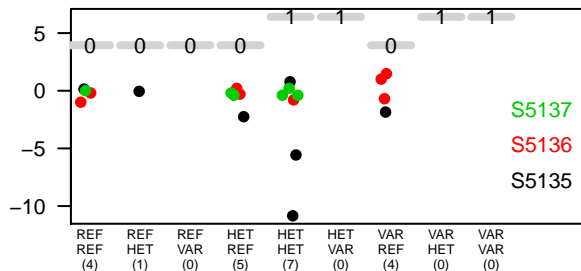
Cacna1s x Naip1
lethal



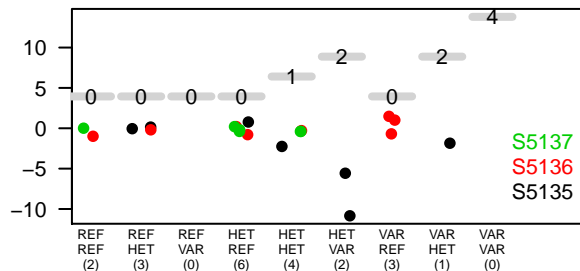
Atf6 x 4930443G12Rik
additive



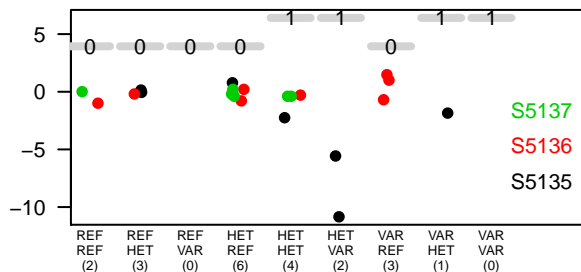
**Atf6 x 4930443G12Rik
dominant**



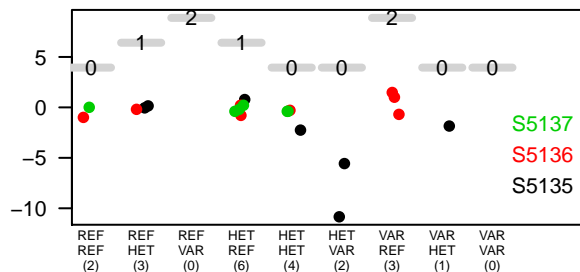
**Atf6 x Clcn1
additive**



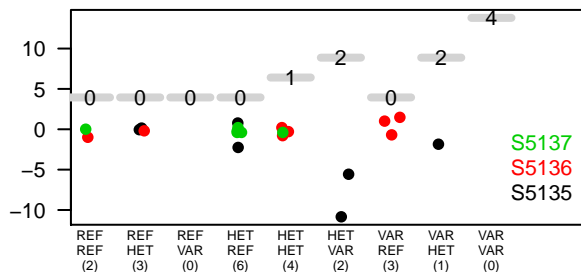
**Atf6 x Clcn1
dominant**



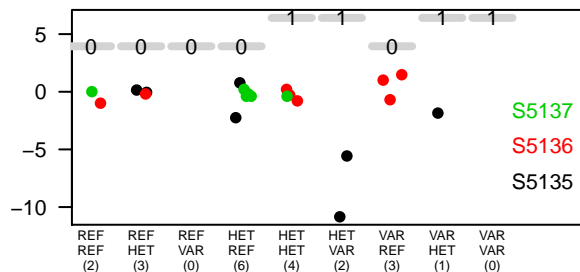
**Atf6 x Clcn1
inhibitory**



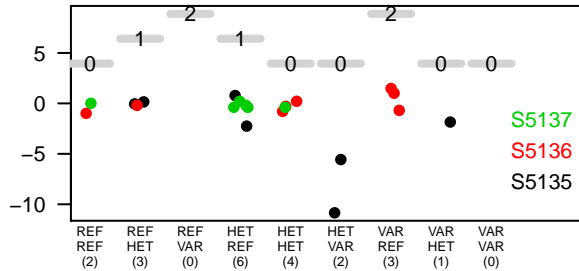
**Atf6 x Kbtbd2
additive**



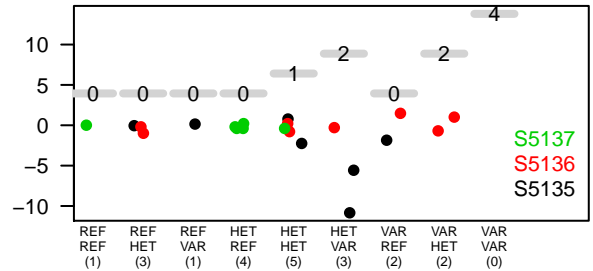
**Atf6 x Kbtbd2
dominant**



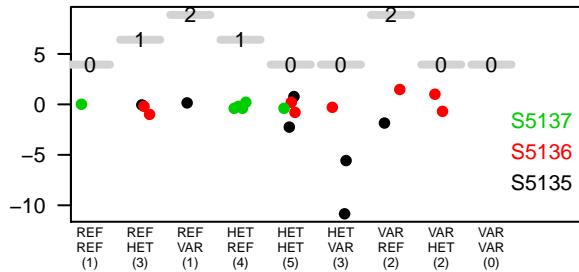
Atf6 x Kbtbd2
inhibitory



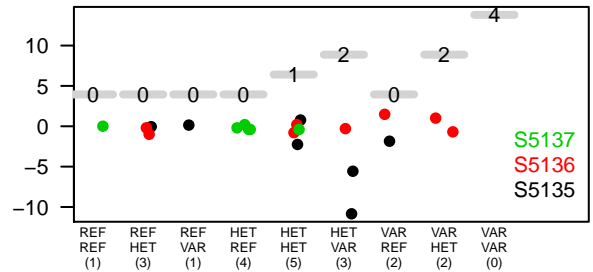
Atf6 x Alms1
additive



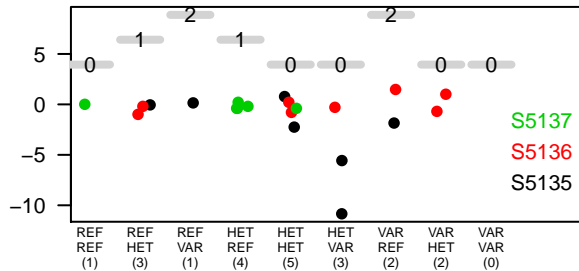
Atf6 x Alms1
inhibitory



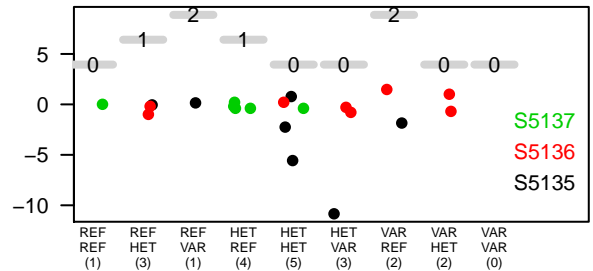
Atf6 x Tprkb
additive



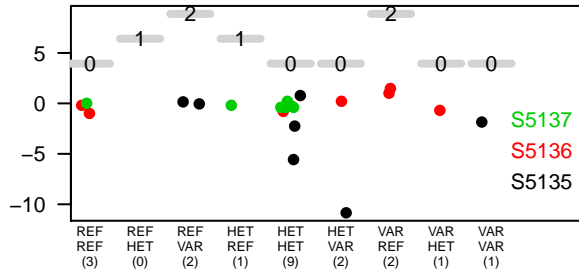
Atf6 x Tprkb
inhibitory



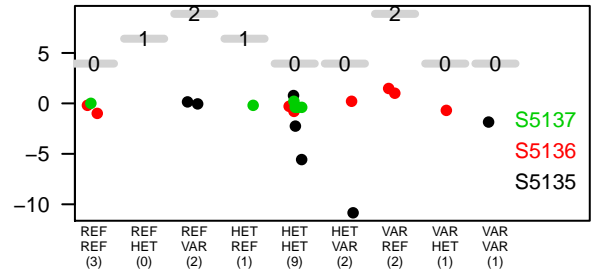
Atf6 x Zfp9
inhibitory



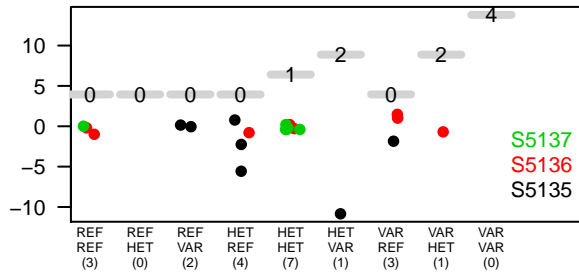
Atf6 x Dpy1912
inhibitory



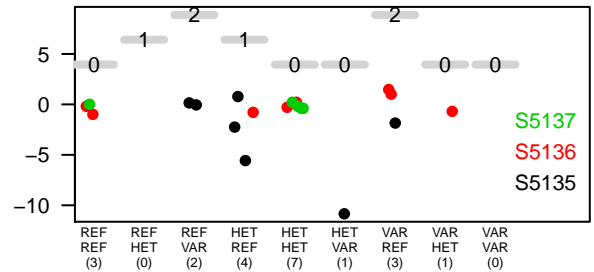
Atf6 x Ncapd3
inhibitory



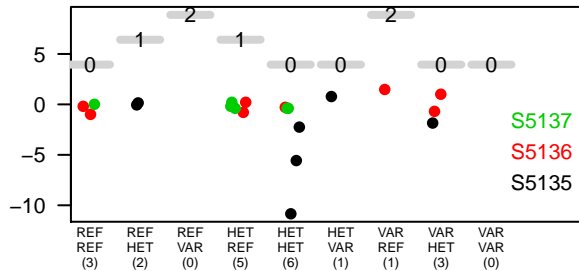
Atf6 x Mpzl2
additive



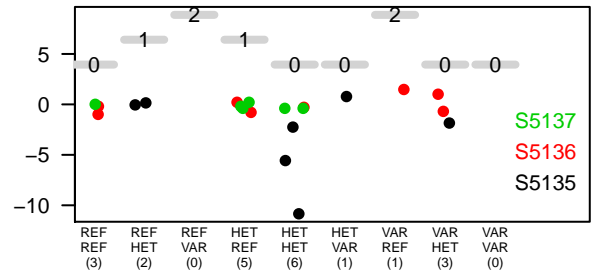
Atf6 x Mpzl2
inhibitory



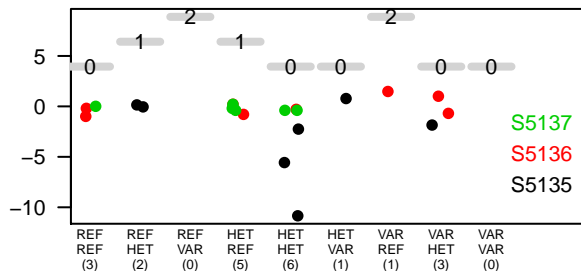
Atf6 x Mmp11
inhibitory



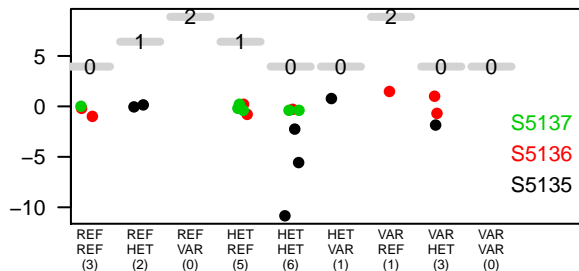
Atf6 x Ap3d1
inhibitory



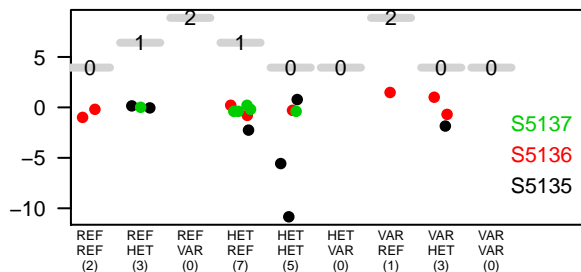
Atf6 x Ric8b
inhibitory



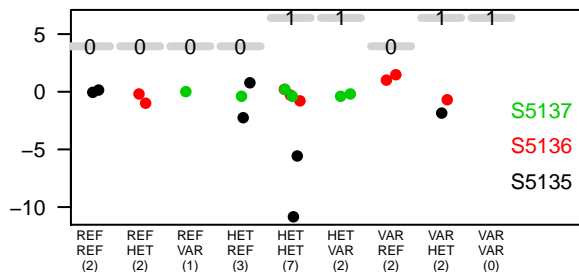
Atf6 x Utp20
inhibitory



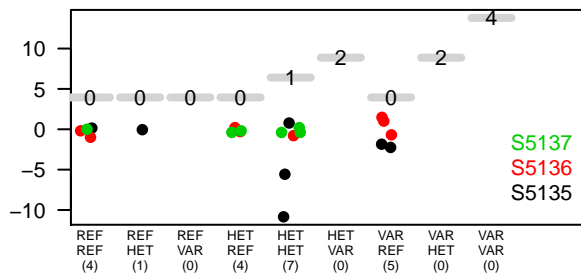
Atf6 x Ptprq
inhibitory



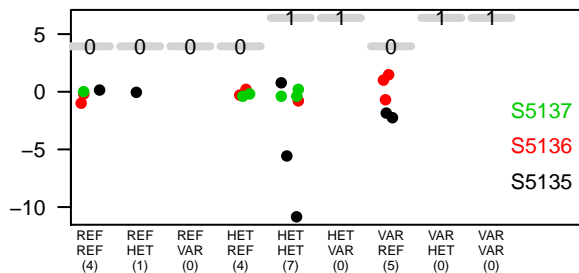
Atf6 x Adamts2
dominant



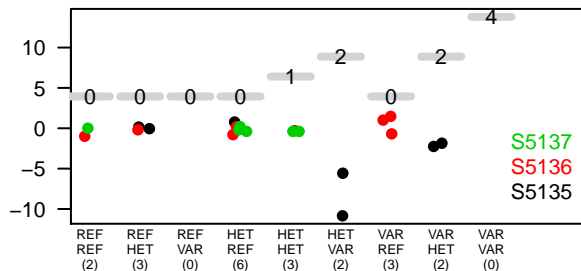
Fmn2 x 4930443G12Rik
additive



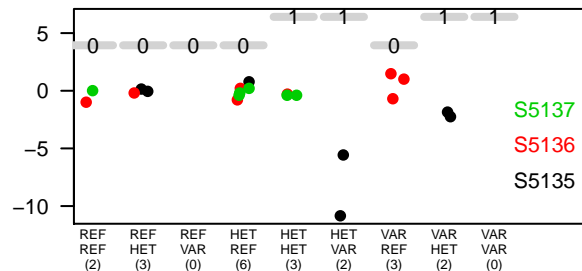
Fmn2 x 4930443G12Rik
dominant



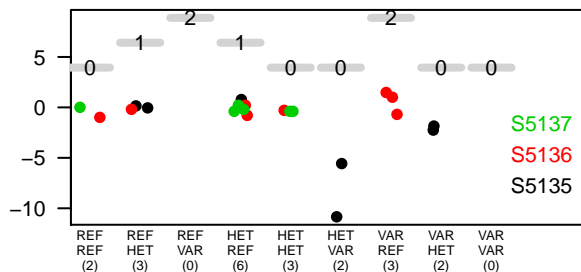
**Fmn2 x Clcn1
additive**



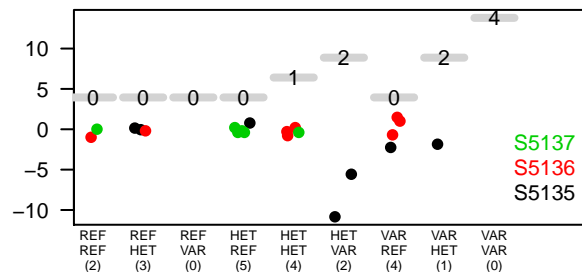
**Fmn2 x Clcn1
dominant**



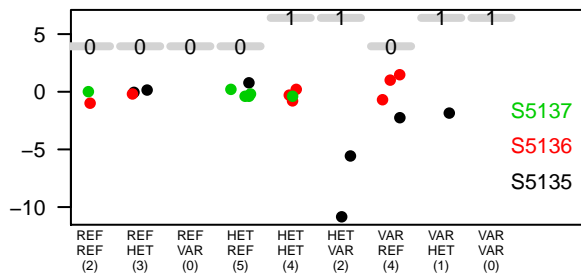
**Fmn2 x Clcn1
inhibitory**



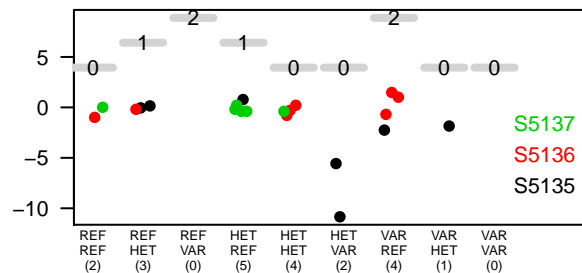
**Fmn2 x Kbtbd2
additive**



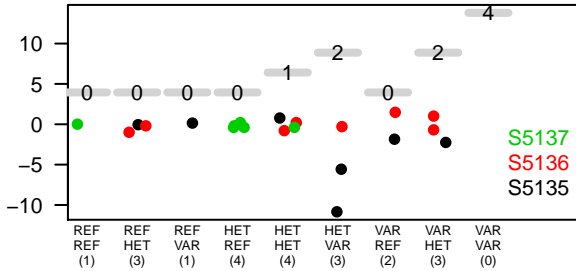
**Fmn2 x Kbtbd2
dominant**



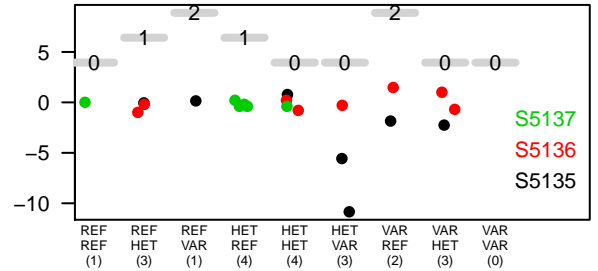
**Fmn2 x Kbtbd2
inhibitory**



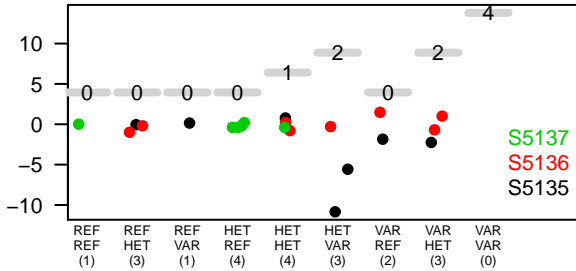
Fmn2 x Alms1
additive



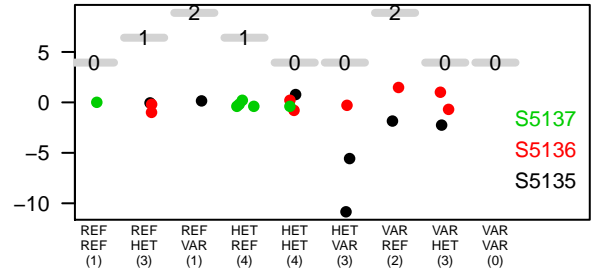
Fmn2 x Alms1
inhibitory



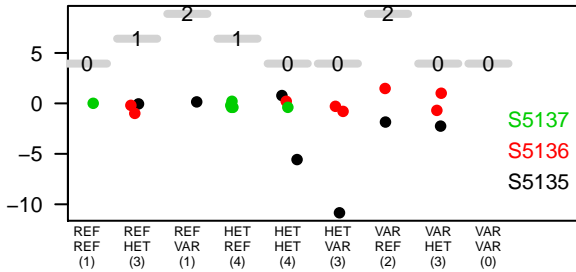
Fmn2 x Tprkb
additive



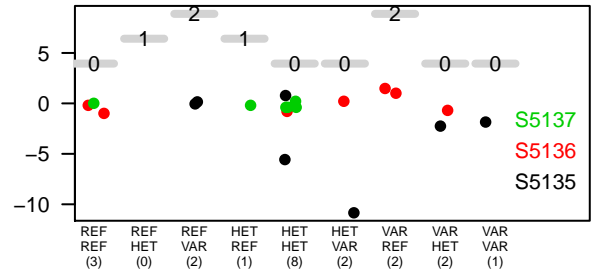
Fmn2 x Tprkb
inhibitory



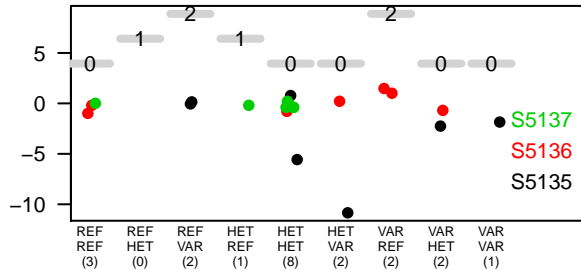
Fmn2 x Zfp9
inhibitory



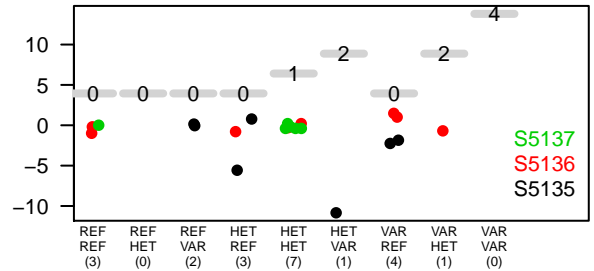
Fmn2 x Dpy19l2
inhibitory



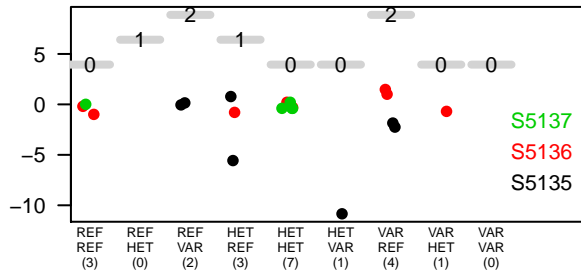
Fmn2 x Ncapd3
inhibitory



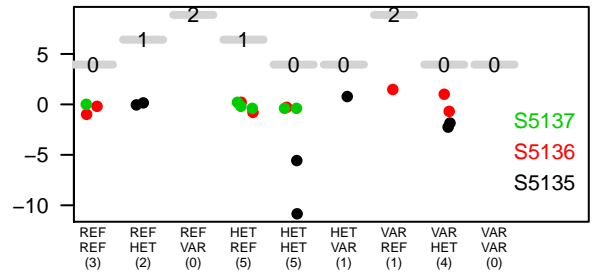
Fmn2 x Mpzl2
additive



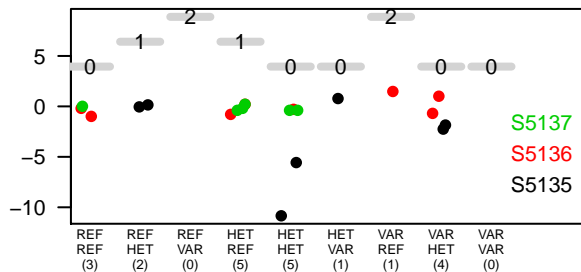
Fmn2 x Mpzl2
inhibitory



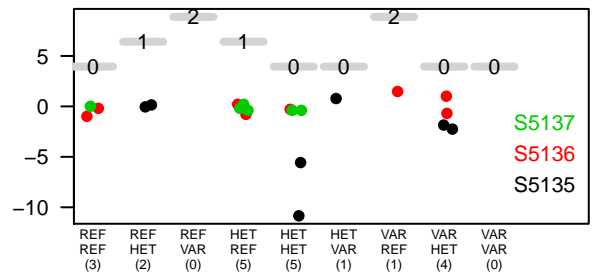
Fmn2 x Mmp11
inhibitory



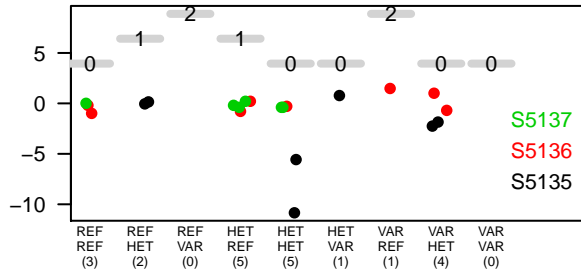
Fmn2 x Ap3d1
inhibitory



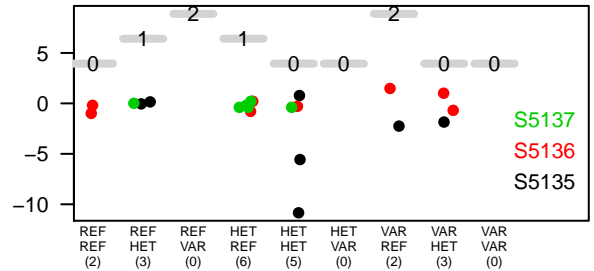
Fmn2 x Ric8b
inhibitory



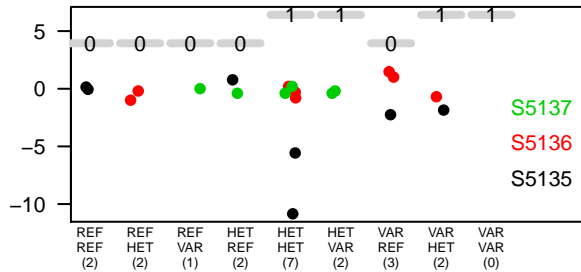
**Fmn2 x Utp20
inhibitory**



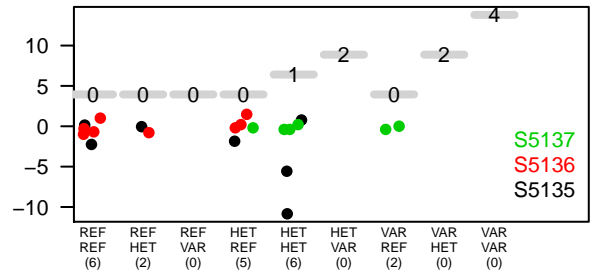
**Fmn2 x Ptprq
inhibitory**



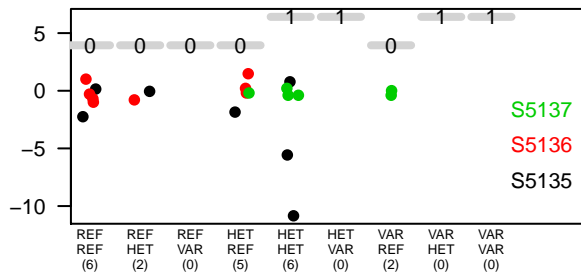
**Fmn2 x Adamts2
dominant**



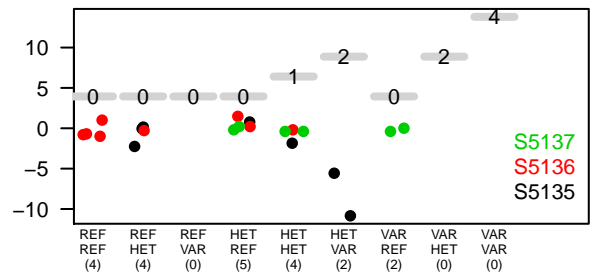
**Clic3 x 4930443G12Rik
additive**



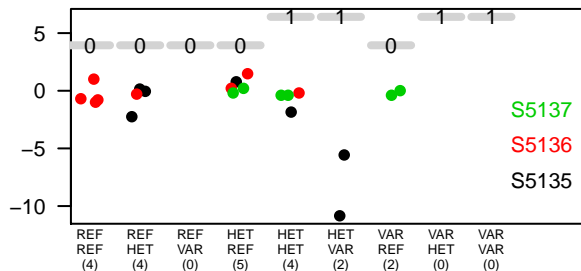
**Clic3 x 4930443G12Rik
dominant**



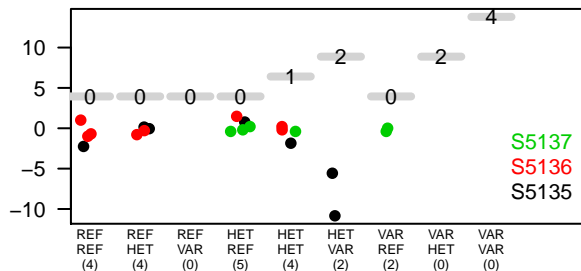
**Clic3 x Clcn1
additive**



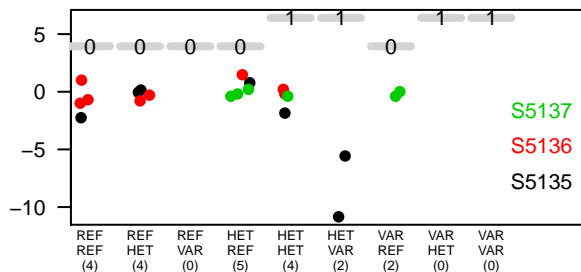
**Clc3 x Clcn1
dominant**



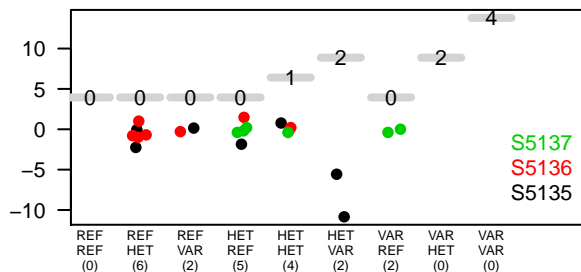
**Clc3 x Kbtbd2
additive**



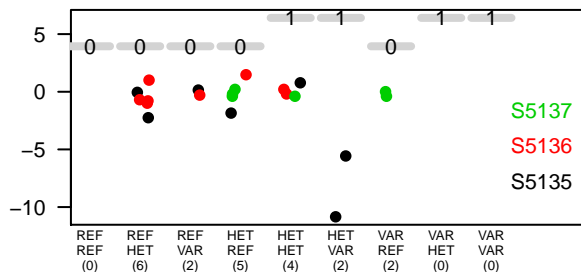
**Clc3 x Kbtbd2
dominant**



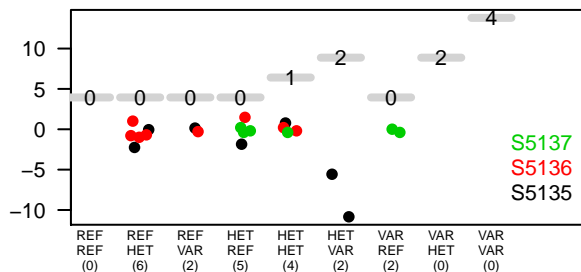
**Clc3 x Alms1
additive**



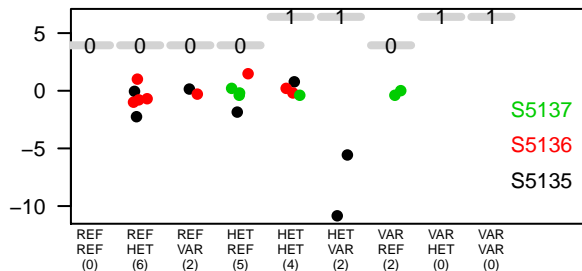
**Clc3 x Alms1
dominant**



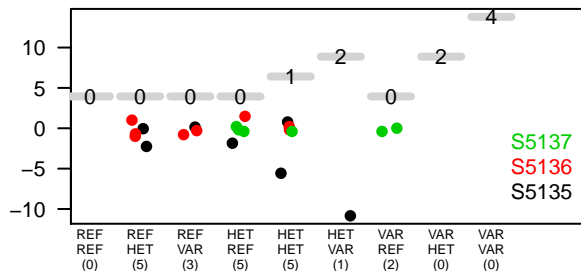
**Clc3 x Tprkb
additive**



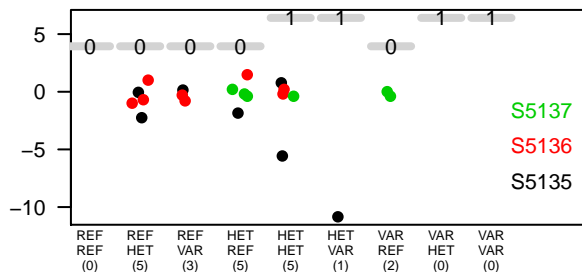
**Clc3 x Tprkb
dominant**



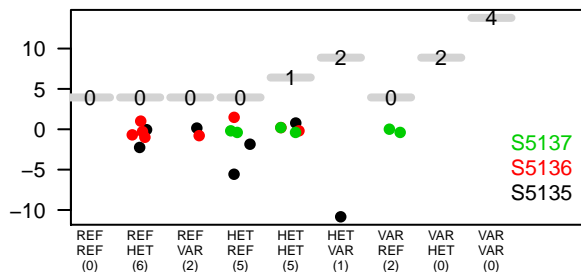
**Clc3 x Zfp9
additive**



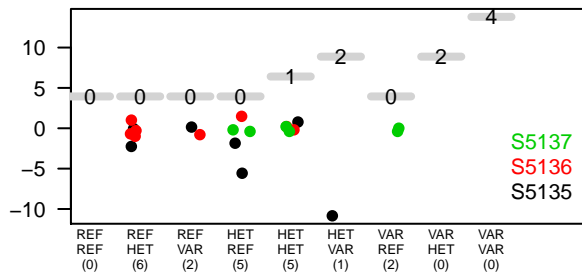
**Clc3 x Zfp9
dominant**



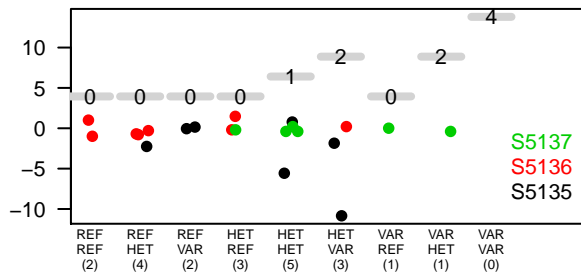
**Clc3 x Fkbp4
additive**



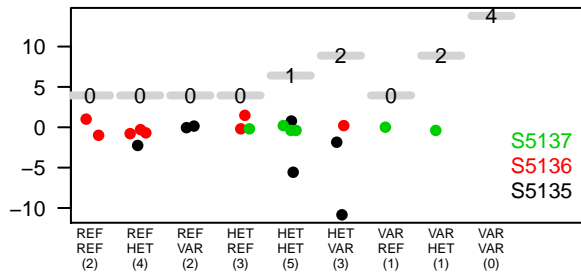
**Clc3 x Clec12a
additive**



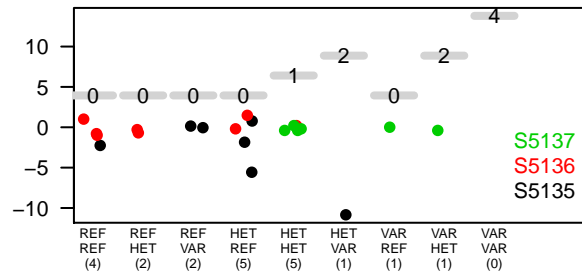
**Clc3 x Dpy19l2
additive**



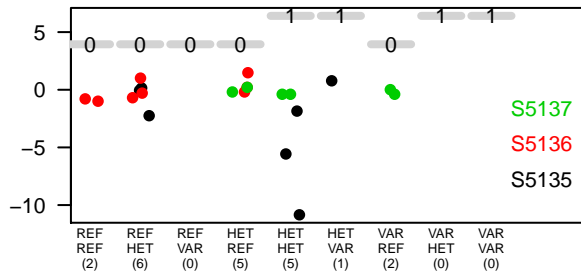
**Clc3 x Ncapd3
additive**



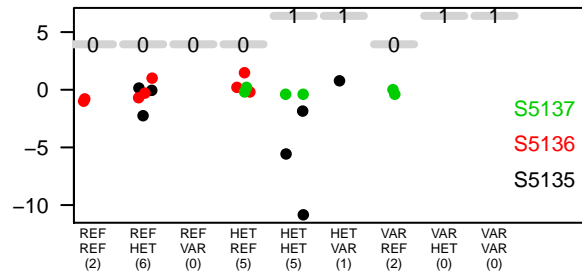
**Clc3 x Mpzl2
additive**



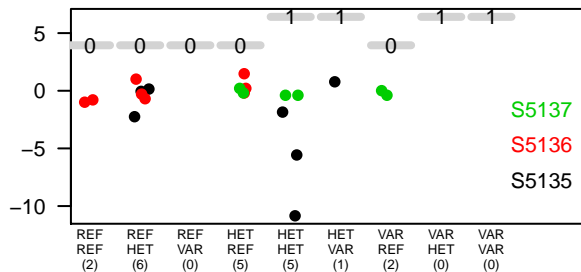
**Clc3 x Mmp11
dominant**



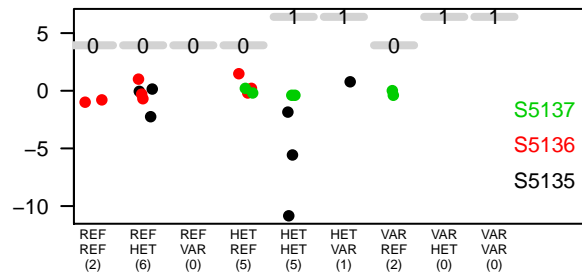
**Clc3 x Ap3d1
dominant**



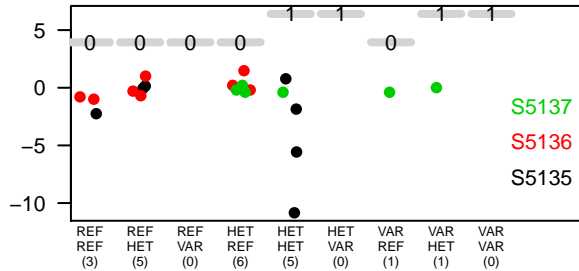
**Clc3 x Ric8b
dominant**



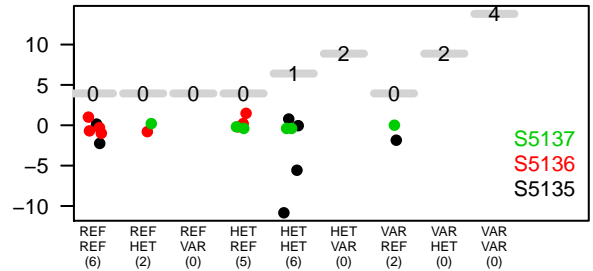
**Clc3 x Utp20
dominant**



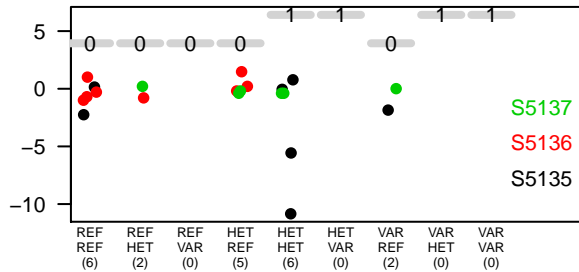
Clic3 x Ptpqr
dominant



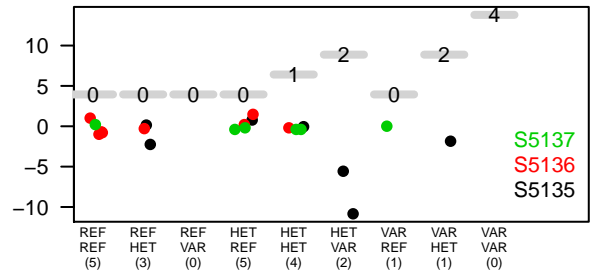
Pkn3 x 4930443G12Rik
additive



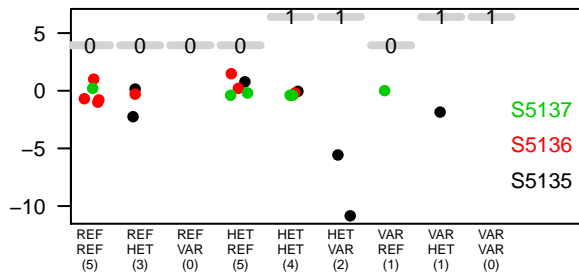
Pkn3 x 4930443G12Rik
dominant



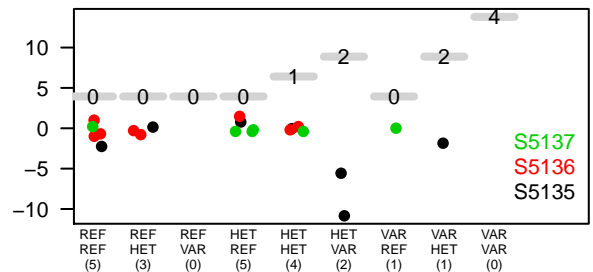
Pkn3 x Clcn1
additive



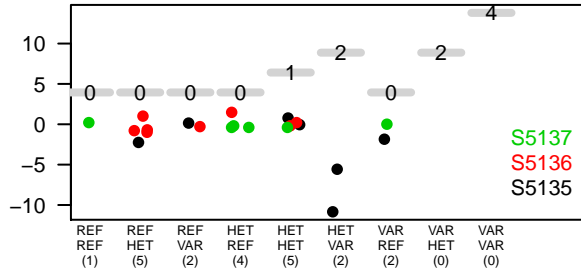
Pkn3 x Clcn1
dominant



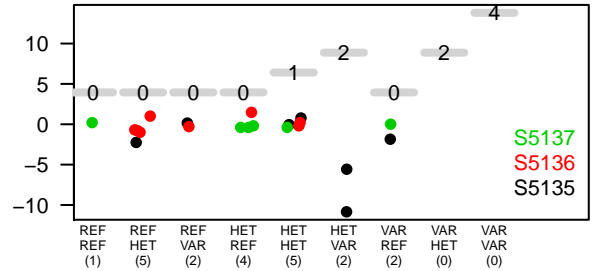
Pkn3 x Kbtbd2
additive



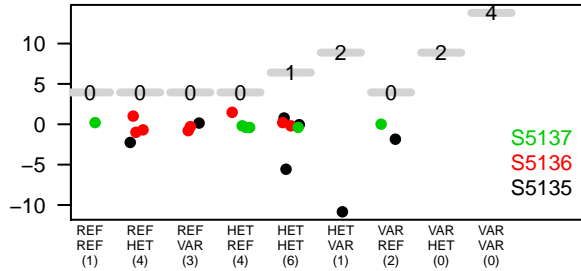
**Pkn3 x Alms1
additive**



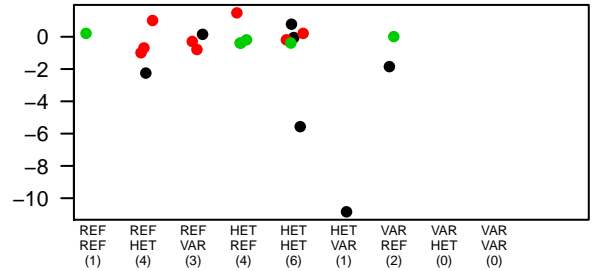
**Pkn3 x Tprkb
additive**



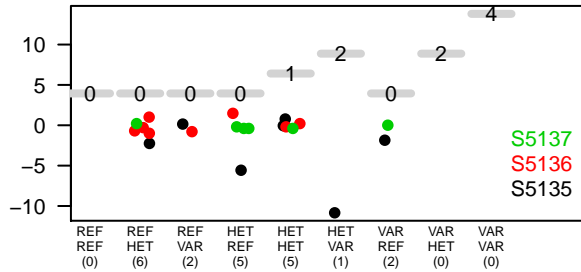
**Pkn3 x Zfp9
additive**



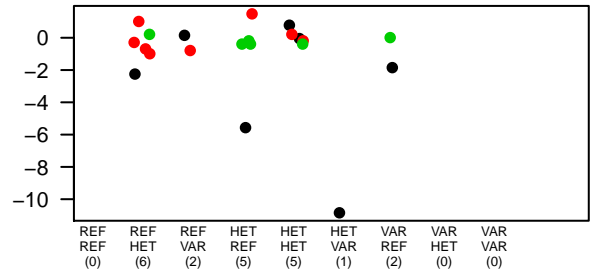
**Pkn3 x Zfp9
lethal**



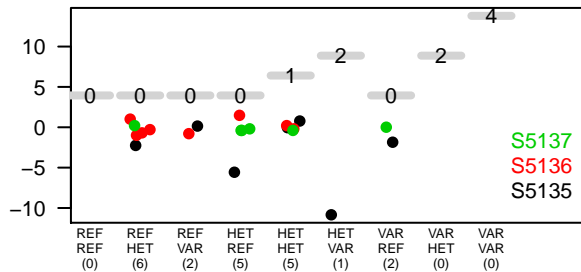
**Pkn3 x Fkbp4
additive**



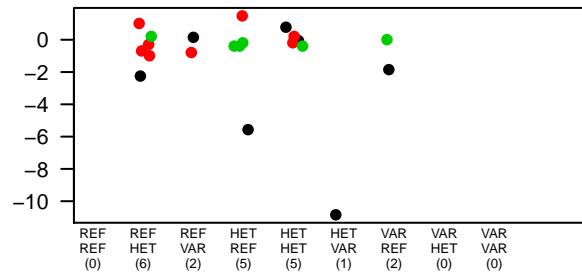
**Pkn3 x Fkbp4
lethal**



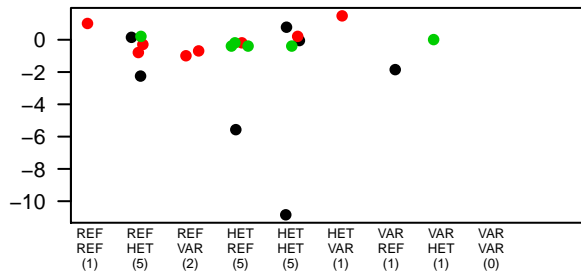
Pkn3 x Clec12a
additive



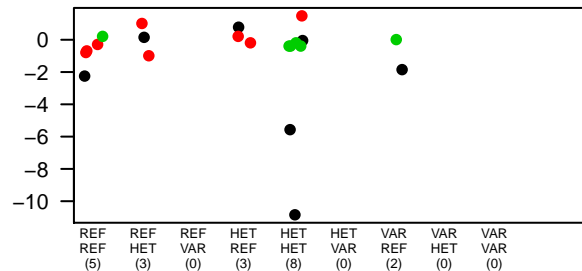
Pkn3 x Clec12a
lethal



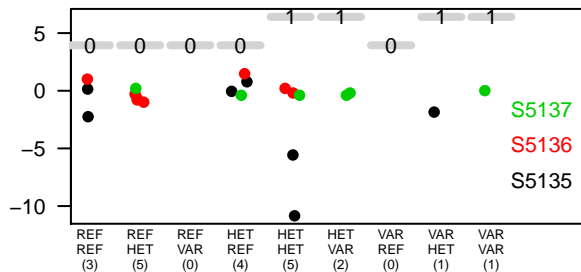
Pkn3 x Efha2
lethal



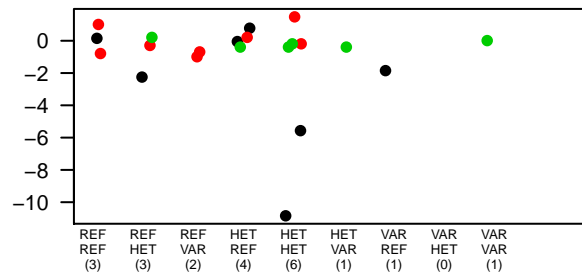
Pkn3 x Ntpcr
lethal



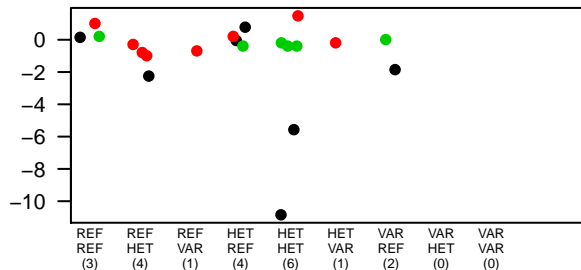
Pkn3 x Adamts2
dominant



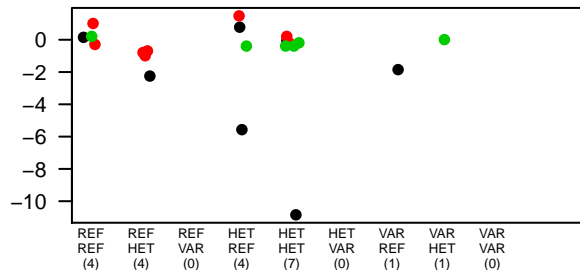
Pkn3 x Vmn1r200
lethal



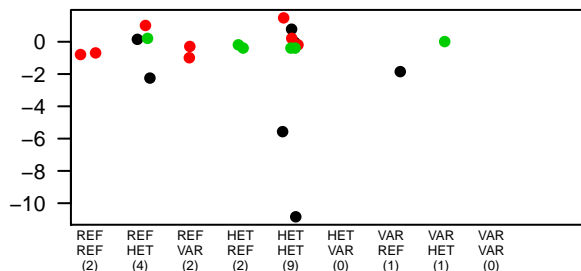
Pkn3 x Cntnap3
lethal



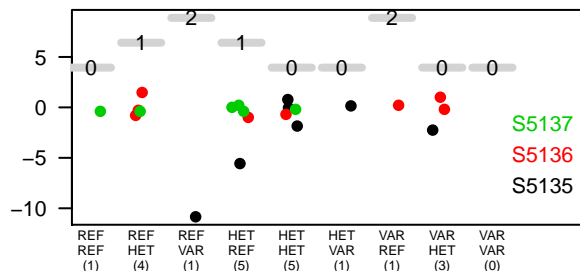
Pkn3 x Naip1
lethal



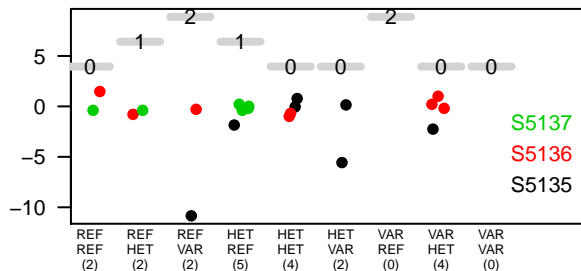
Pkn3 x Dvl3
lethal



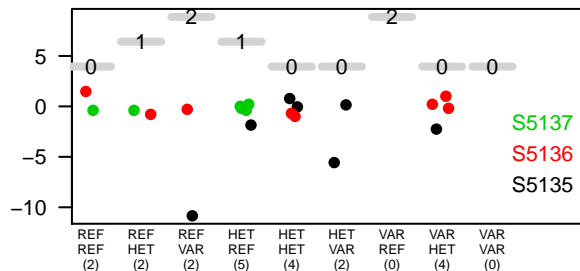
Lrrc55 x Scarb1
inhibitory



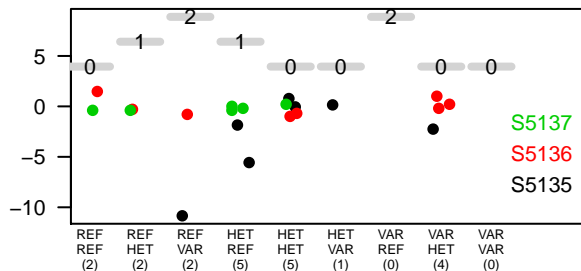
Lrrc55 x Alms1
inhibitory



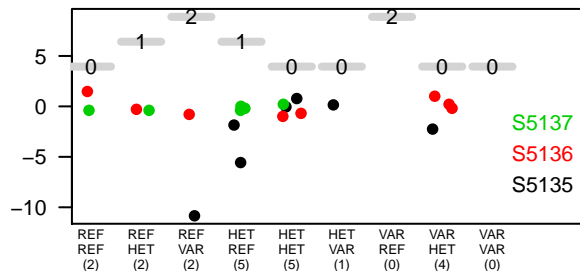
Lrrc55 x Tprkb
inhibitory



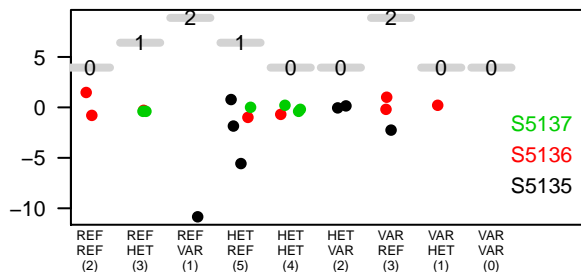
Lrrc55 x Fkbp4
inhibitory



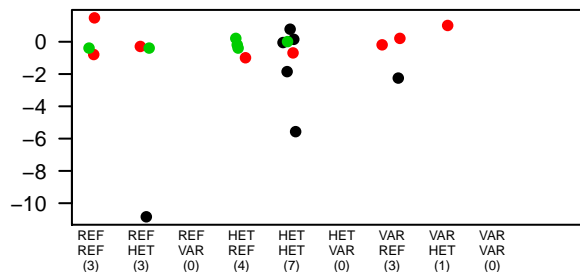
Lrrc55 x Clec12a
inhibitory



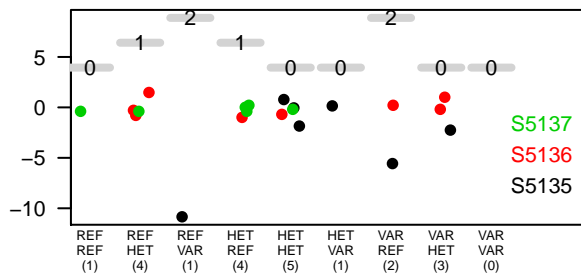
Lrrc55 x Mpzl2
inhibitory



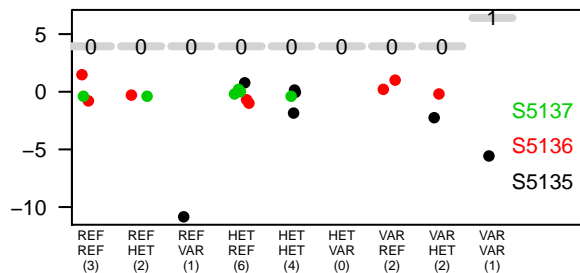
Lrrc55 x Ptprq
lethal



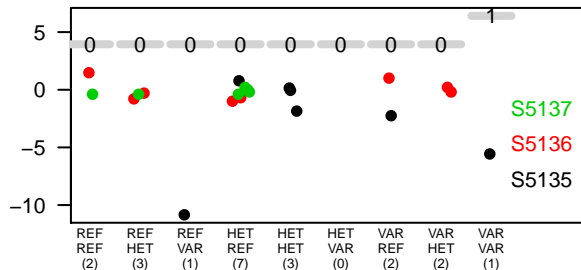
Olf1225 x Scarb1
inhibitory



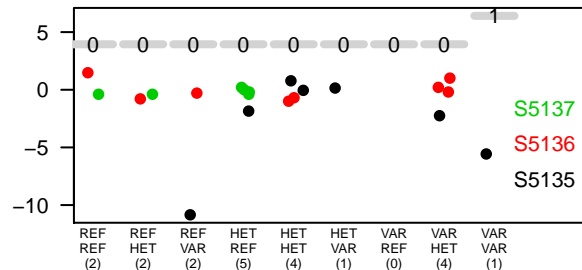
Olf1225 x Clcn1
recessive



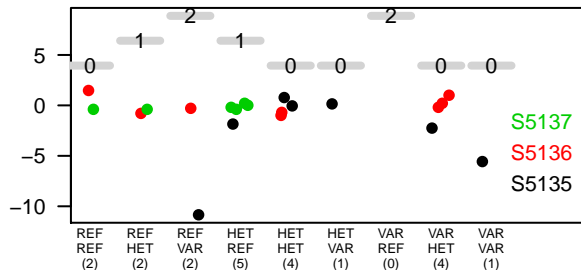
Olf1225 x Kbtbd2
recessive



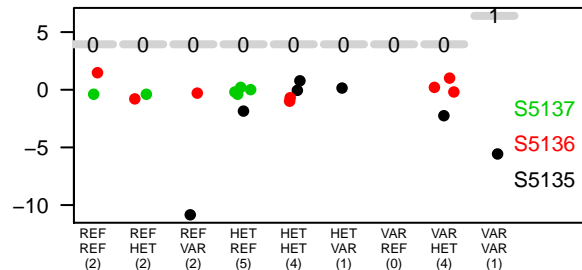
Olf1225 x Alms1
recessive



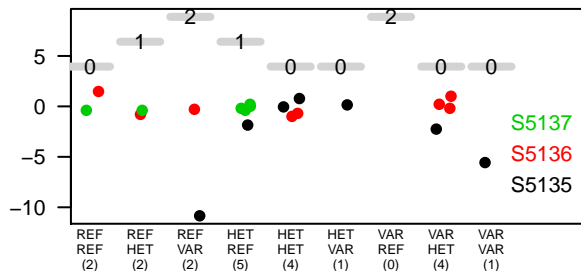
Olf1225 x Alms1
inhibitory



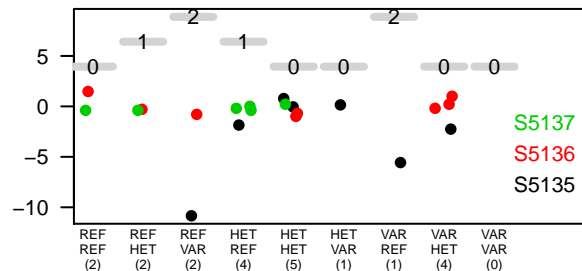
Olf1225 x Tprkb
recessive



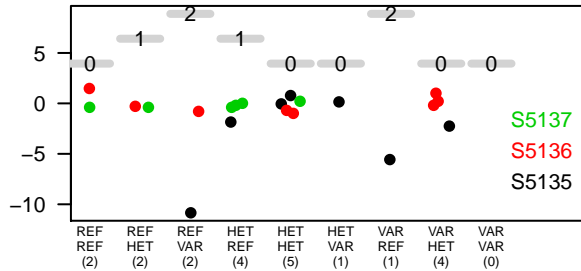
Olf1225 x Tprkb
inhibitory



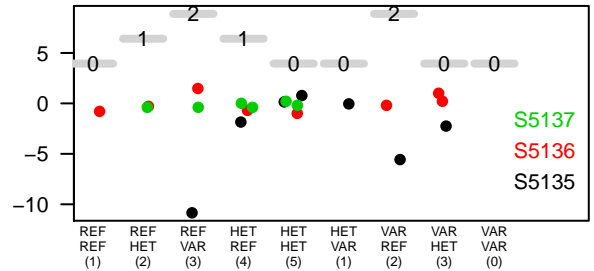
Olf1225 x Fkbp4
inhibitory



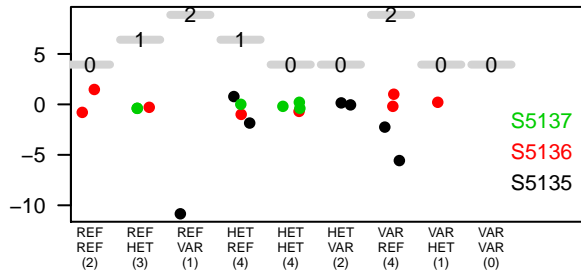
Olfr1225 x Clec12a
inhibitory



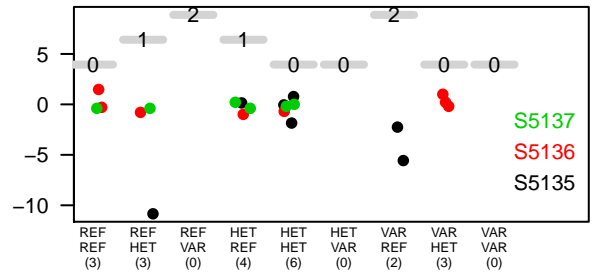
Olfr1225 x Tmtc1
inhibitory



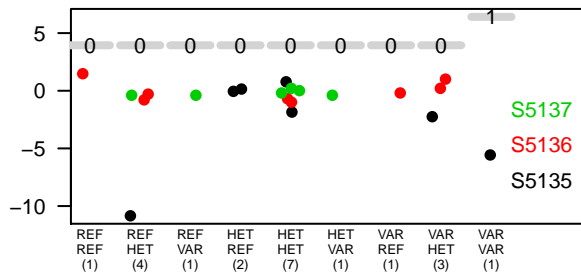
Olfr1225 x Mpzl2
inhibitory



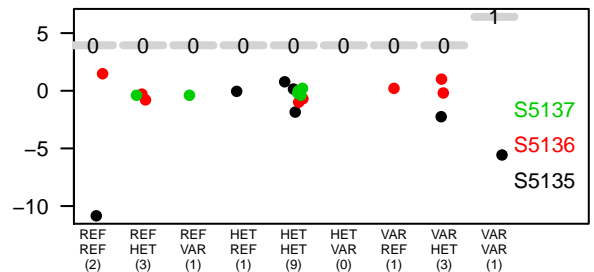
Olfr1225 x Plekhm1
inhibitory



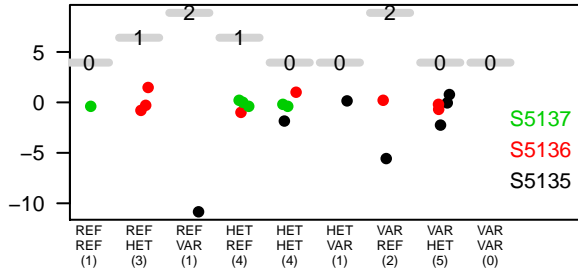
Olfr1225 x Prss41
recessive



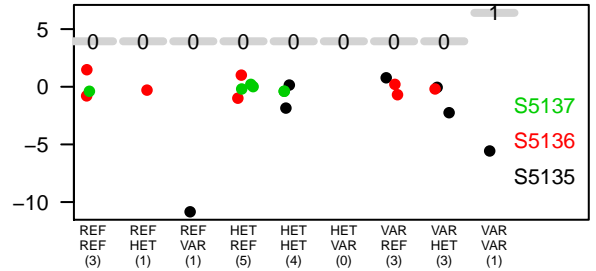
Olfr1225 x Col11a2
recessive



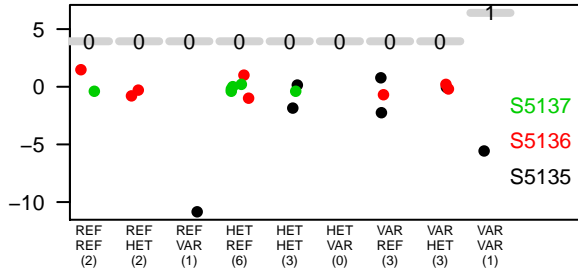
Lgr4 x Scarb1
inhibitory



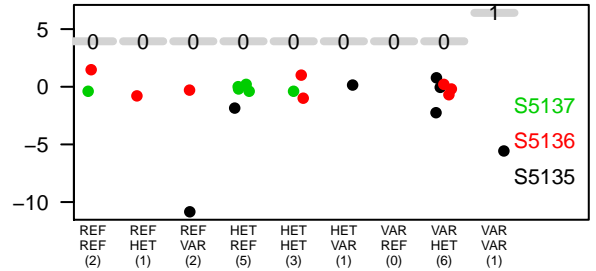
Lgr4 x Clncl1
recessive



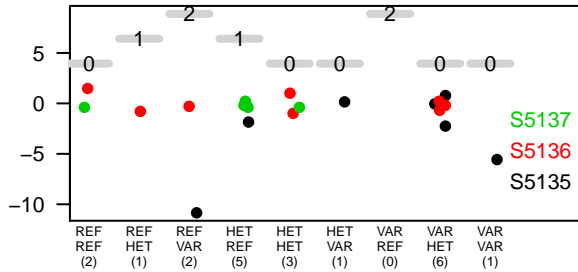
Lgr4 x Kbtbd2
recessive



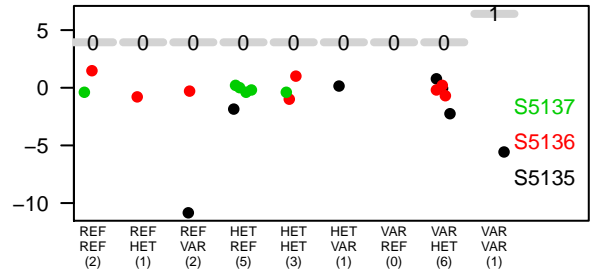
Lgr4 x Alms1
recessive



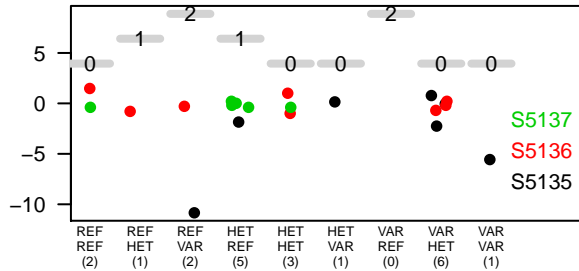
Lgr4 x Alms1
inhibitory



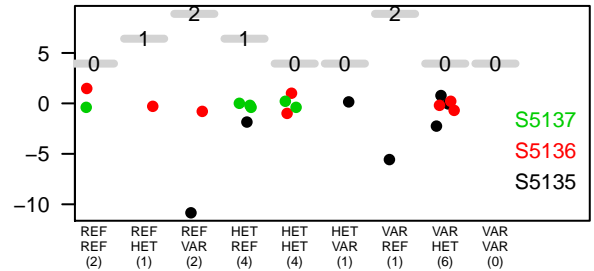
Lgr4 x Tprkb
recessive



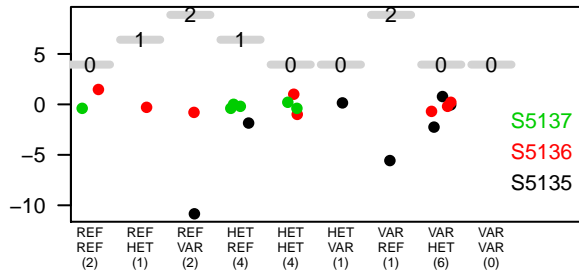
**Lgr4 x Tprkb
inhibitory**



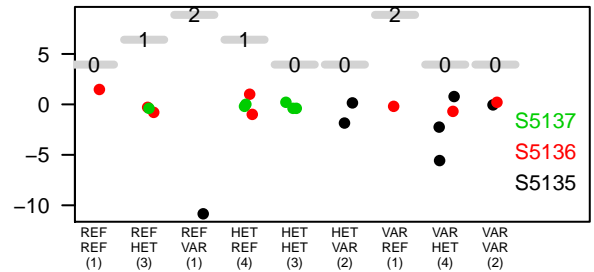
**Lgr4 x Fkbp4
inhibitory**



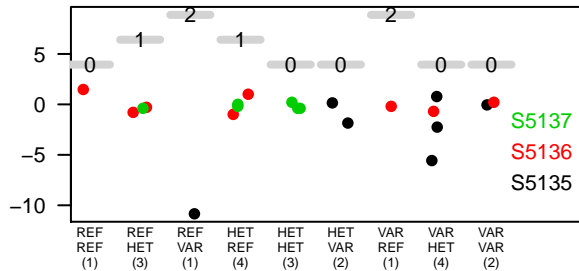
**Lgr4 x Clec12a
inhibitory**



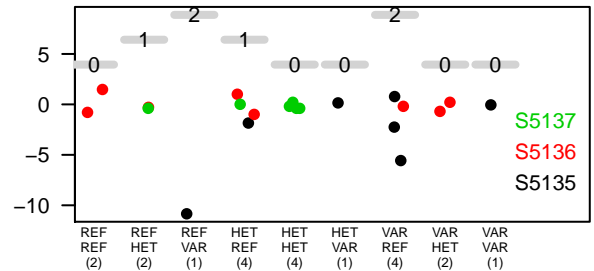
**Lgr4 x Dpy19l2
inhibitory**



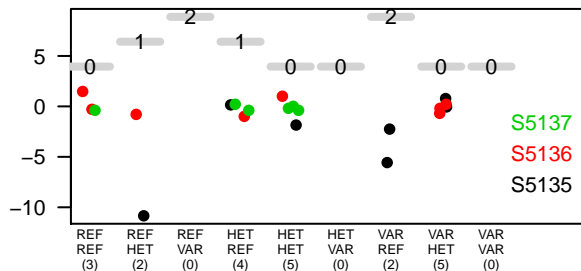
**Lgr4 x Ncapd3
inhibitory**



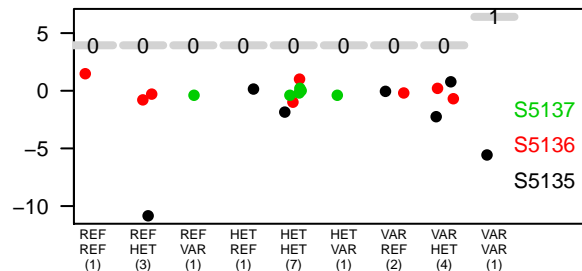
**Lgr4 x Mpzl2
inhibitory**



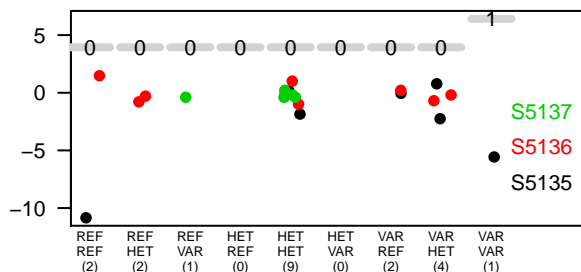
Lgr4 x Plekhm1
inhibitory



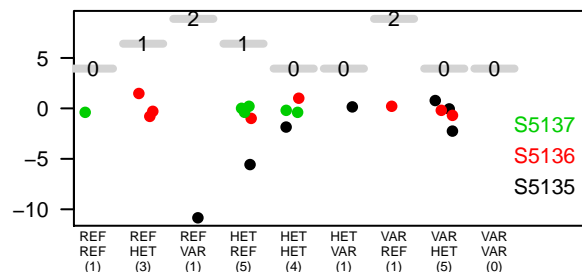
Lgr4 x Prss41
recessive



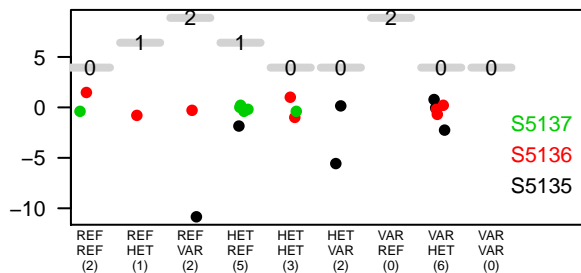
Lgr4 x Col11a2
recessive



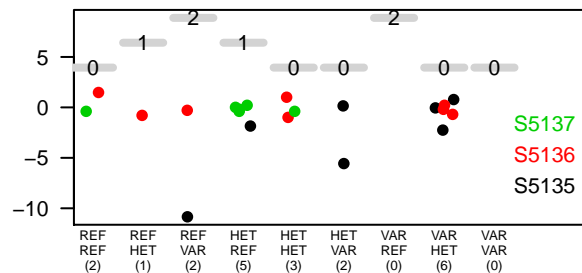
Mertk x Scarb1
inhibitory



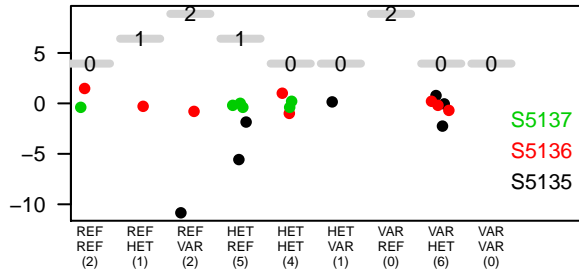
Mertk x Alms1
inhibitory



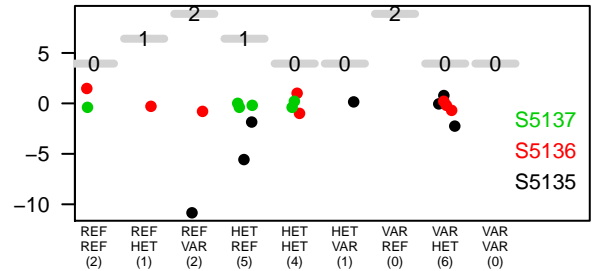
Mertk x Tprkb
inhibitory



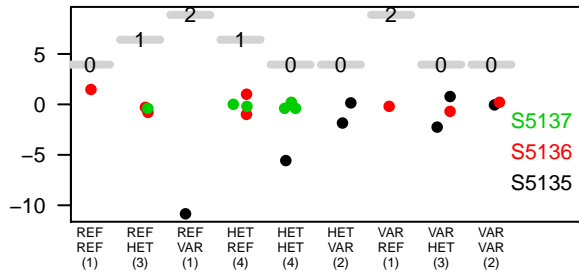
Mertk x Fkbp4
inhibitory



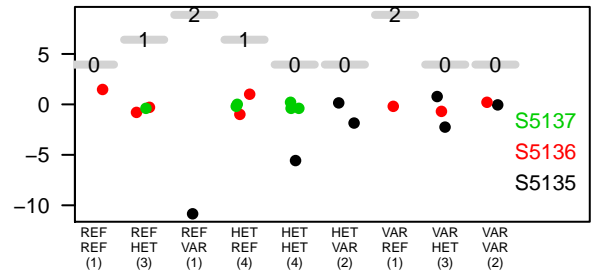
Mertk x Clec12a
inhibitory



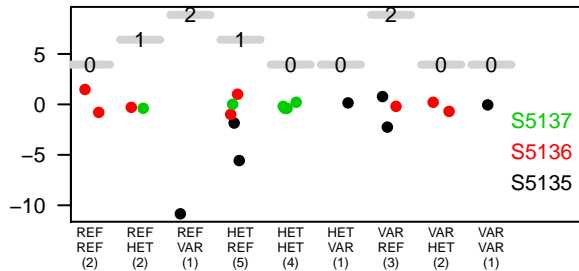
Mertk x Dpy19l2
inhibitory



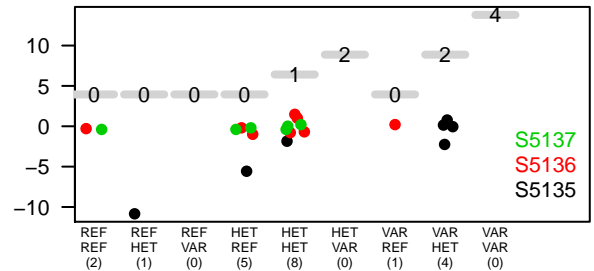
Mertk x Ncapd3
inhibitory



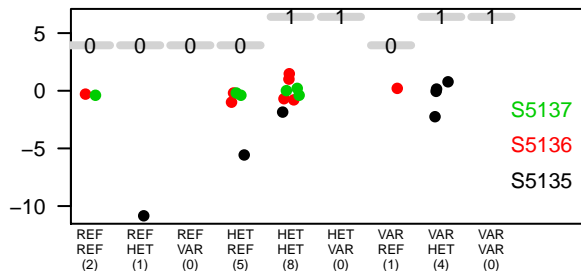
Mertk x Mpzl2
inhibitory



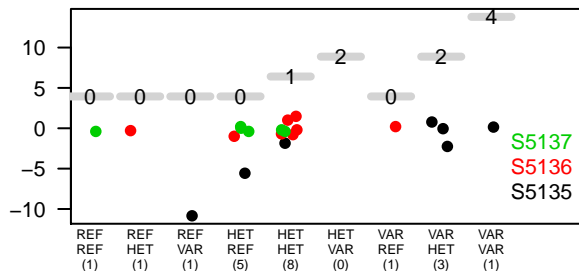
Spinlwl x Usp24
additive



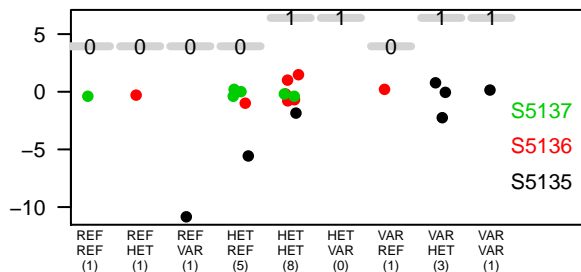
**Spinl1 x Usp24
dominant**



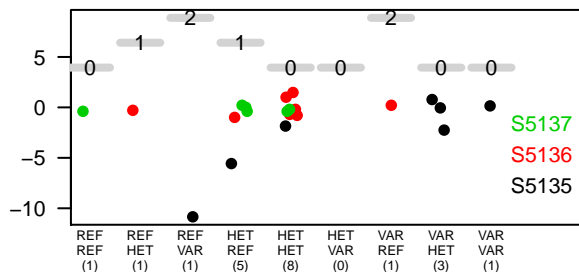
**Spinl1 x Scarb1
additive**



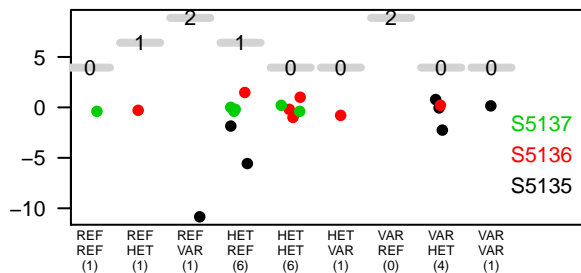
**Spinl1 x Scarb1
dominant**



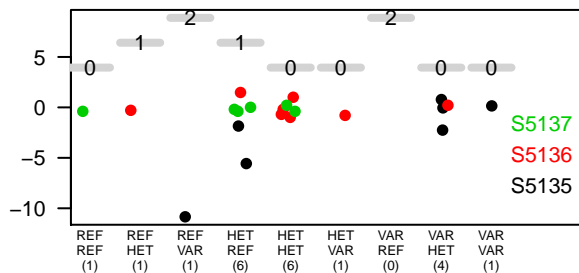
**Spinl1 x Scarb1
inhibitory**



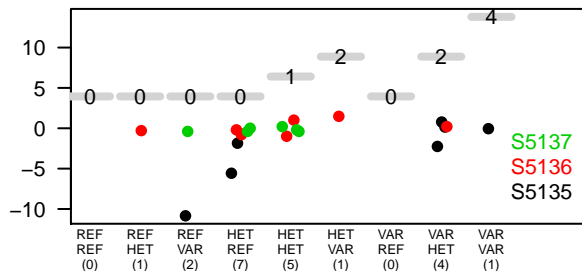
**Spinl1 x Fkbp4
inhibitory**



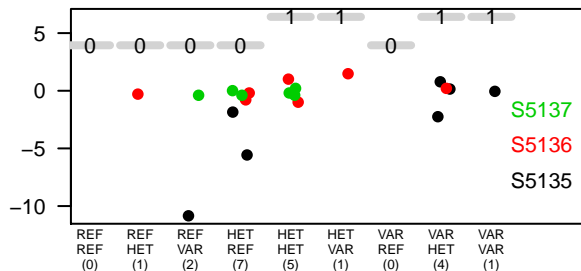
**Spinl1 x Clec12a
inhibitory**



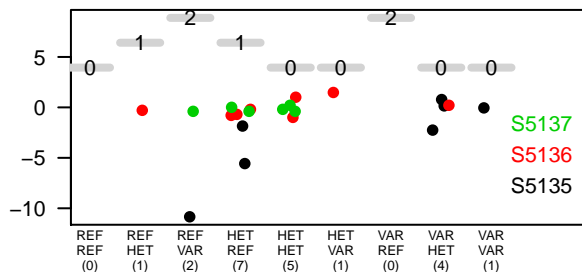
**Spin1w1 x Tmtc1
additive**



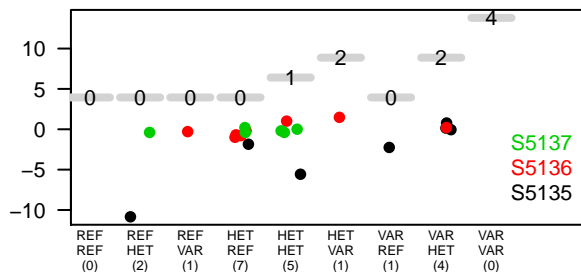
**Spin1w1 x Tmtc1
dominant**



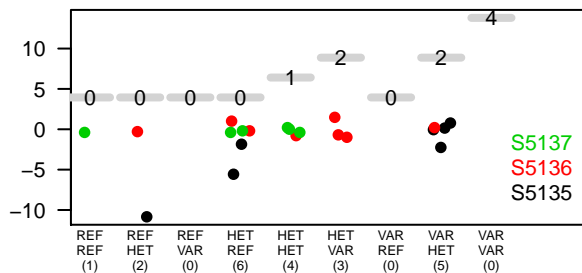
**Spin1w1 x Tmtc1
inhibitory**



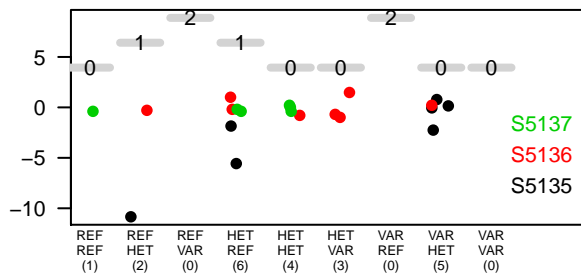
**Spin1w1 x Cxrs1
additive**



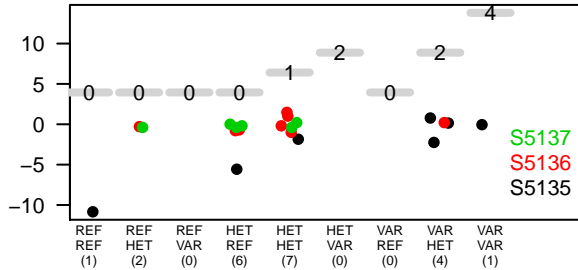
**Spin1w1 x Efha2
additive**



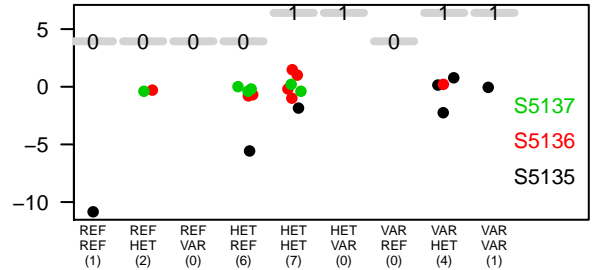
**Spin1w1 x Efha2
inhibitory**



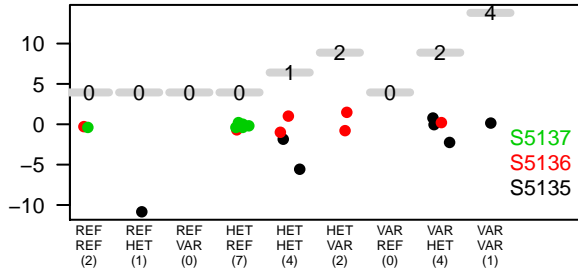
**Spinlw1 x Hic1
additive**



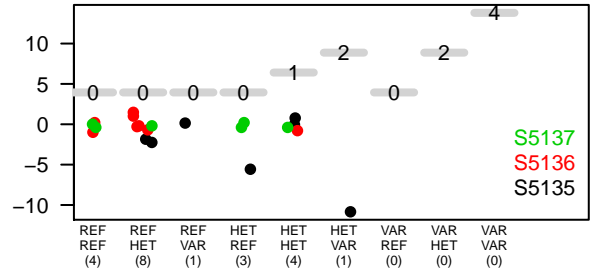
**Spinlw1 x Hic1
dominant**



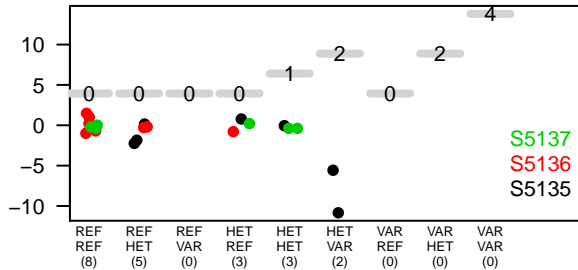
**Spinlw1 x Fancl
additive**



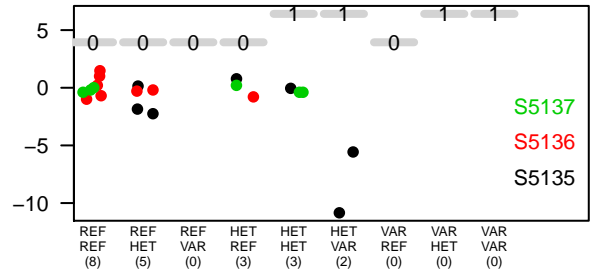
**4930443G12Rik x Scarb1
additive**



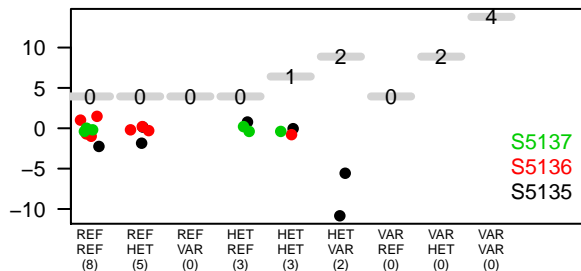
**4930443G12Rik x Clcn1
additive**



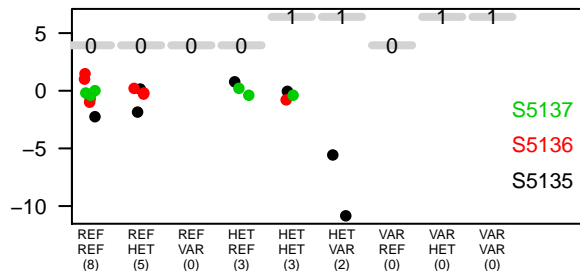
**4930443G12Rik x Clcn1
dominant**



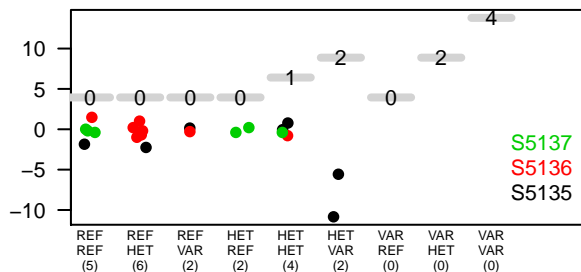
4930443G12Rik x Kbtbd2
additive



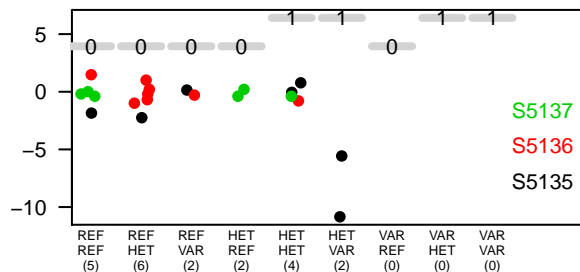
4930443G12Rik x Kbtbd2
dominant



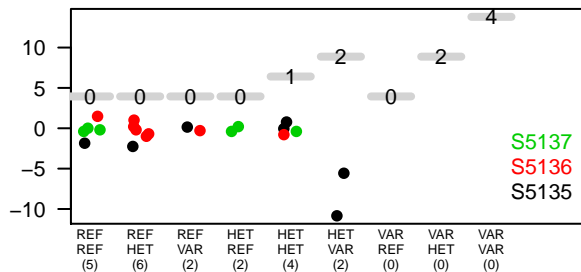
4930443G12Rik x Alms1
additive



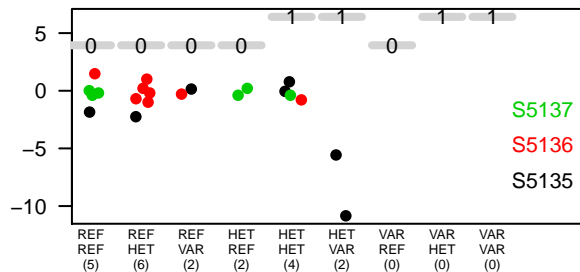
4930443G12Rik x Alms1
dominant



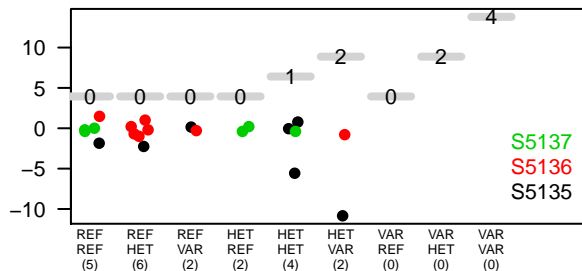
4930443G12Rik x Tprkb
additive



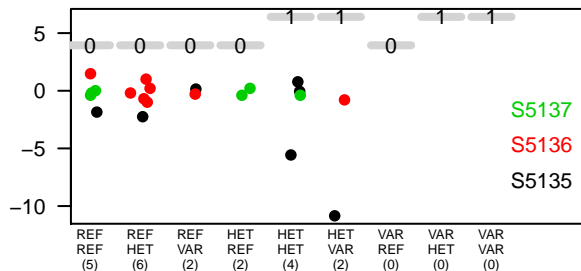
4930443G12Rik x Tprkb
dominant



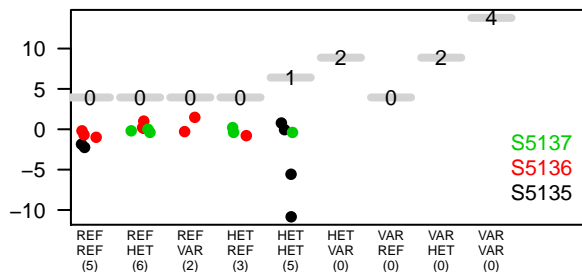
**4930443G12Rik x Zfp9
additive**



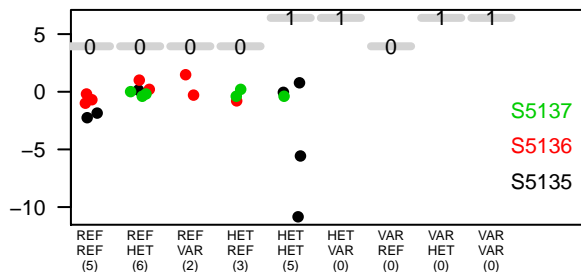
**4930443G12Rik x Zfp9
dominant**



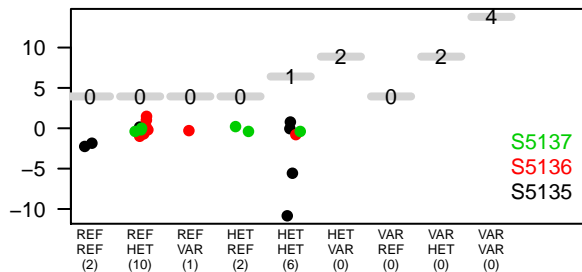
**4930443G12Rik x Cxrs1
additive**



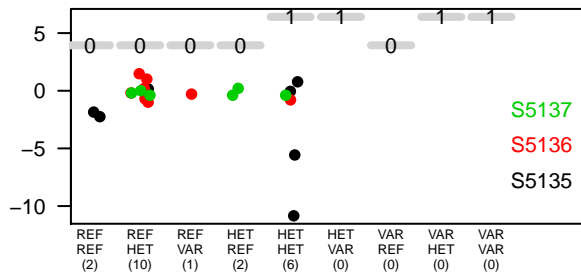
**4930443G12Rik x Cxrs1
dominant**



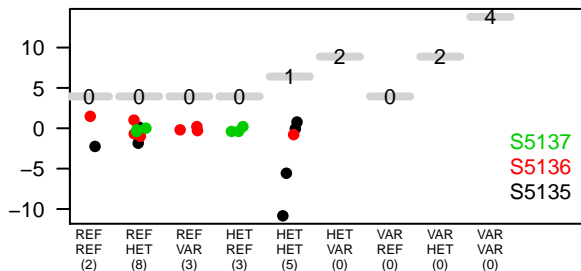
**4930443G12Rik x Herc2
additive**



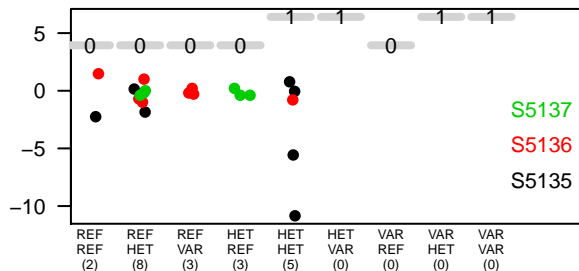
**4930443G12Rik x Herc2
dominant**



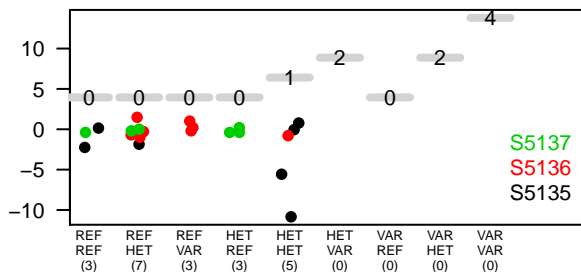
4930443G12Rik x Ttl13
additive



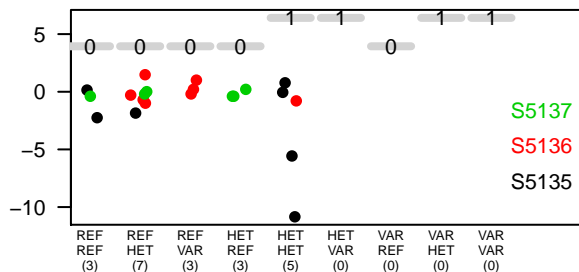
4930443G12Rik x Ttl13
dominant



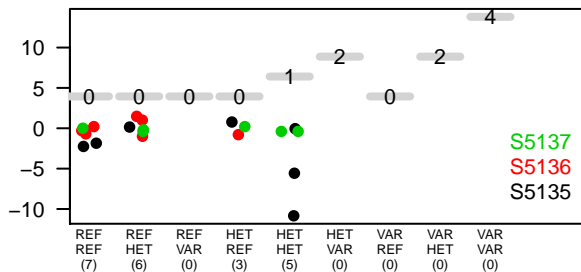
4930443G12Rik x St5
additive



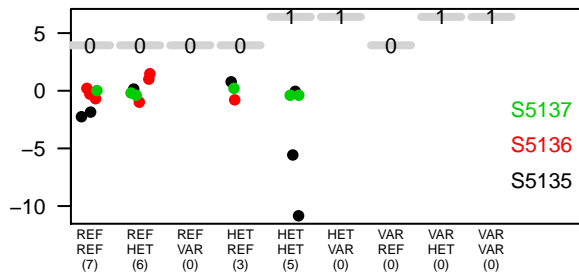
4930443G12Rik x St5
dominant



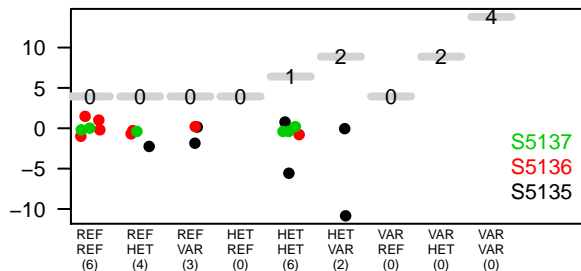
4930443G12Rik x Ntpcr
additive



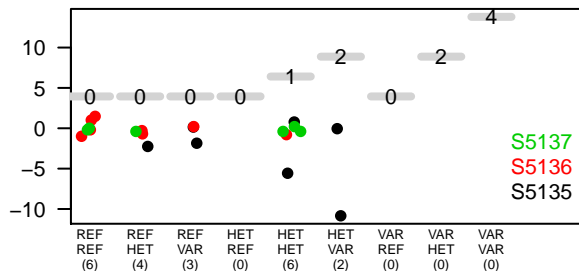
4930443G12Rik x Ntpcr
dominant



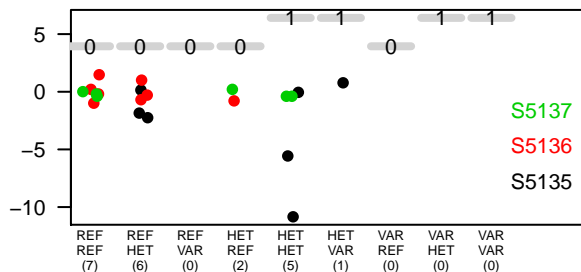
4930443G12Rik x Dpy19l2
additive



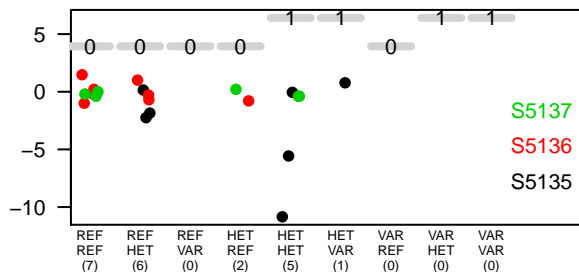
4930443G12Rik x Ncapd3
additive



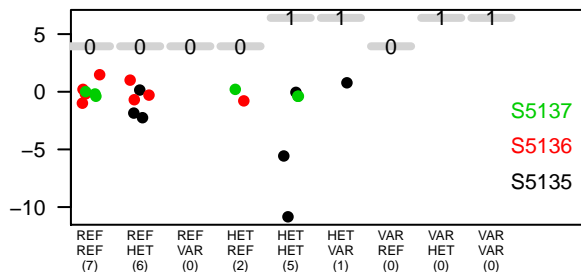
4930443G12Rik x Mmp11
dominant



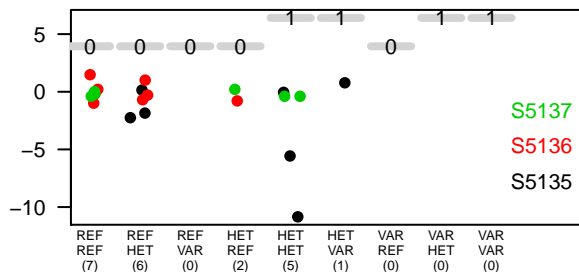
4930443G12Rik x Ap3d1
dominant



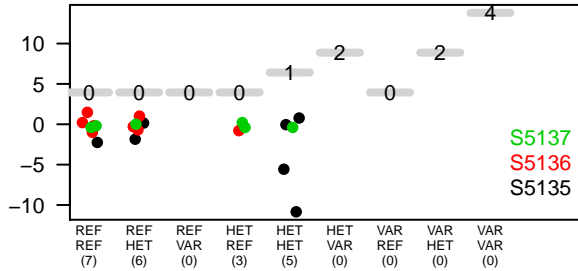
4930443G12Rik x Ric8b
dominant



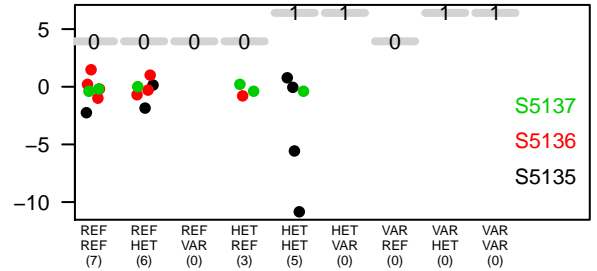
4930443G12Rik x Utp20
dominant



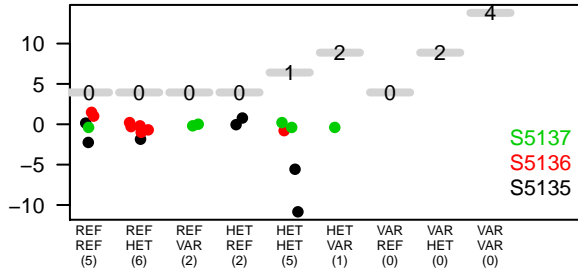
**4930443G12Rik x Ptpqr
additive**



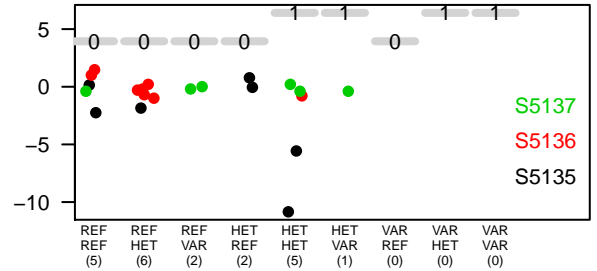
**4930443G12Rik x Ptpqr
dominant**



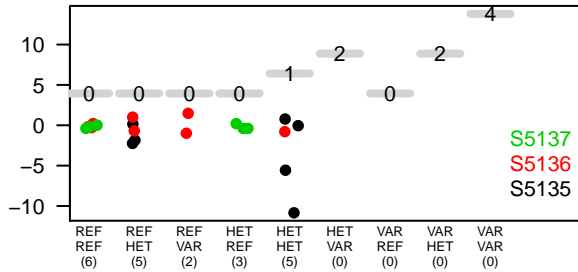
**4930443G12Rik x Adams2
additive**



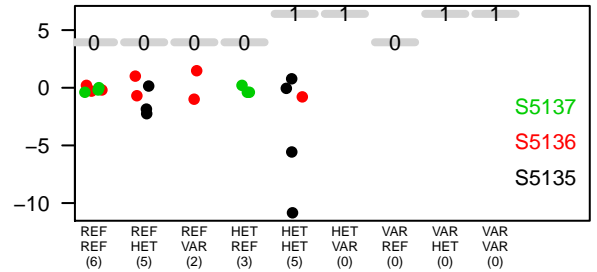
**4930443G12Rik x Adams2
dominant**



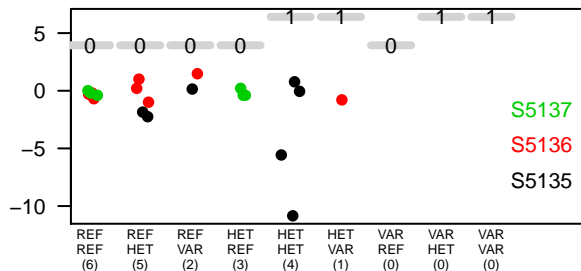
**4930443G12Rik x Itgb1bp1
additive**



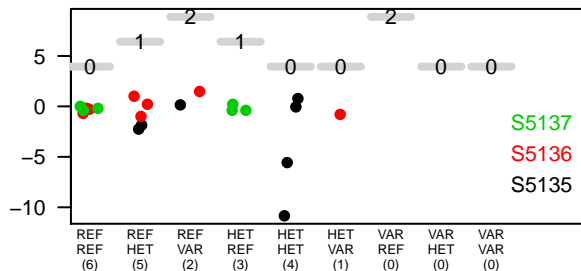
**4930443G12Rik x Itgb1bp1
dominant**



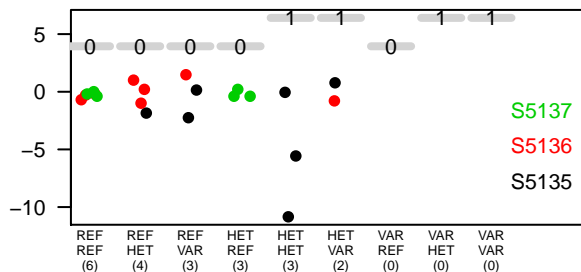
4930443G12Rik x Fancm
dominant



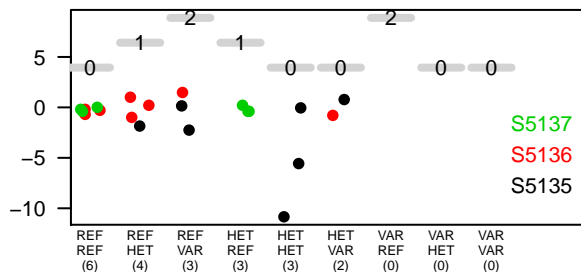
4930443G12Rik x Fancm
inhibitory



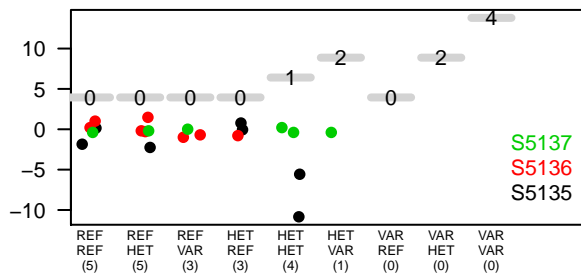
4930443G12Rik x Ppp1r36
dominant



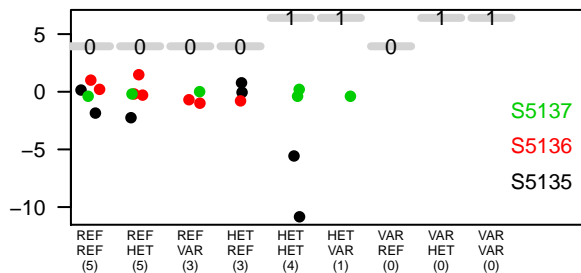
4930443G12Rik x Ppp1r36
inhibitory



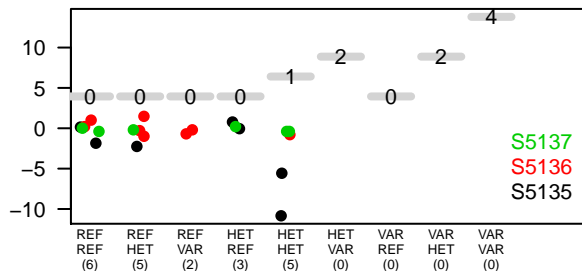
4930443G12Rik x Vmn1r200
additive



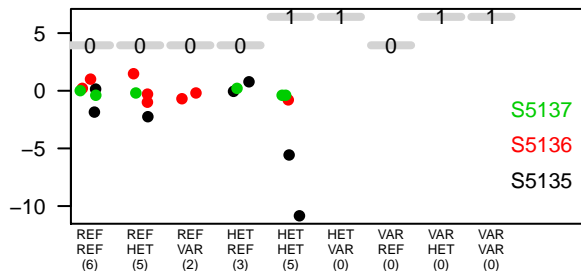
4930443G12Rik x Vmn1r200
dominant



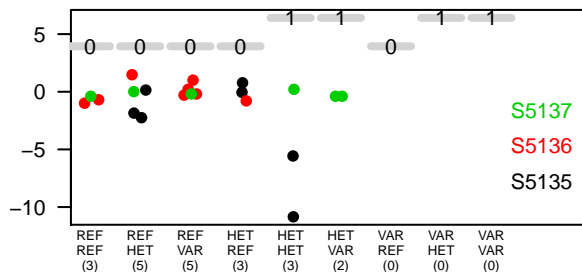
4930443G12Rik x Cntnap3
additive



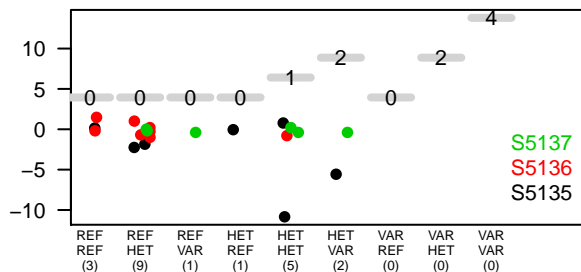
4930443G12Rik x Cntnap3
dominant



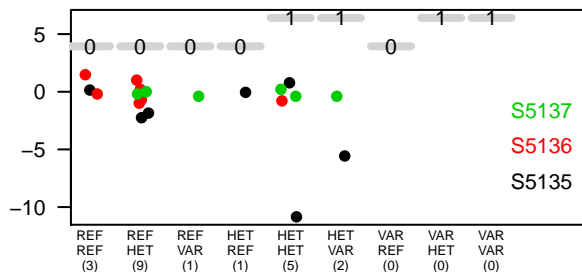
4930443G12Rik x 2410089E03Rik
dominant



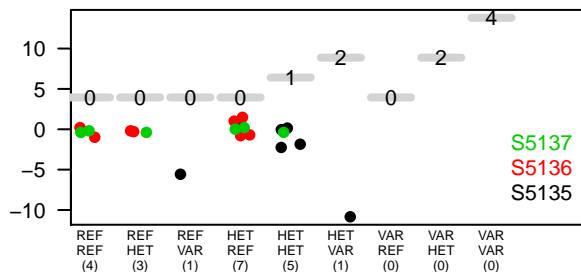
4930443G12Rik x Prss41
additive



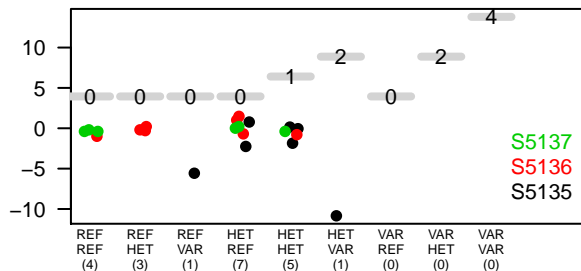
4930443G12Rik x Prss41
dominant



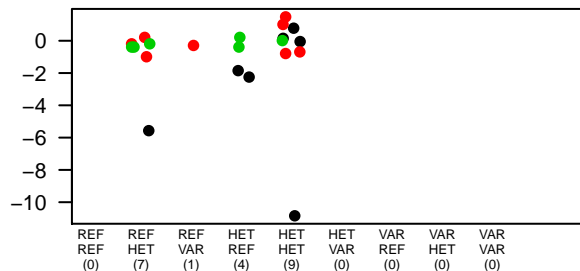
Usp24 x Clcn1
additive



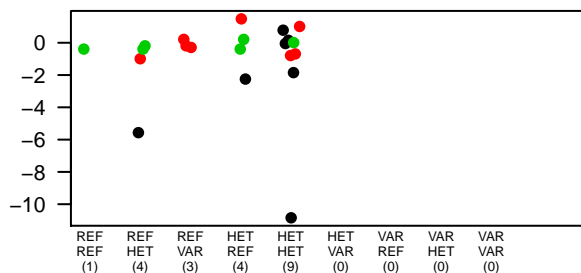
Usp24 x Kbtbd2
additive



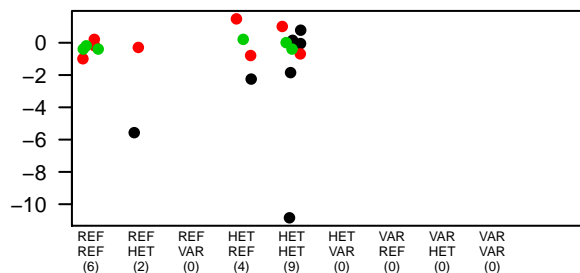
Usp24 x Herc2
lethal



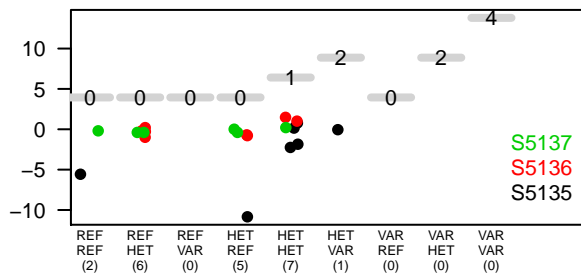
Usp24 x Ttl13
lethal



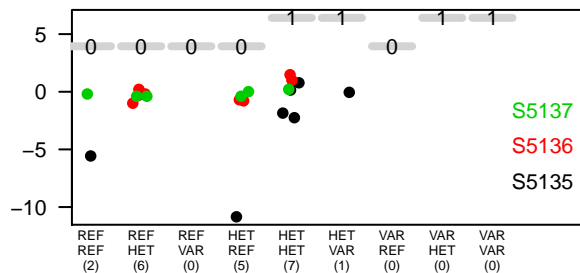
Usp24 x Ptpqrq
lethal



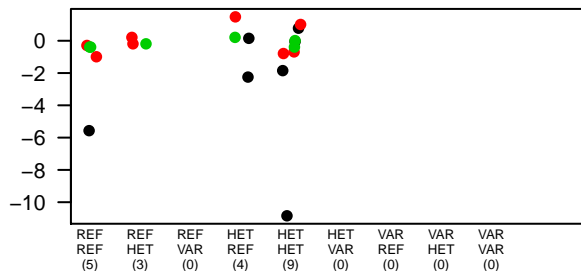
Usp24 x Hic1
additive



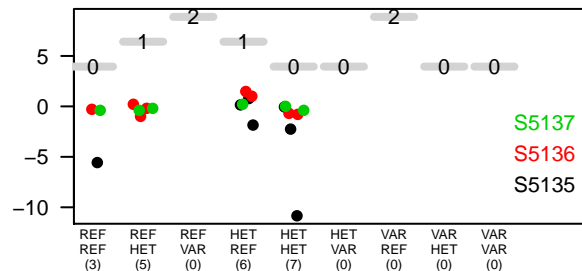
Usp24 x Hic1
dominant



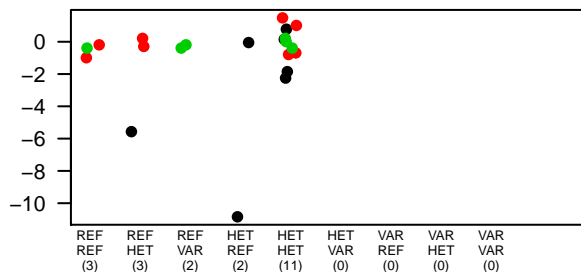
Usp24 x Plekhm1
lethal



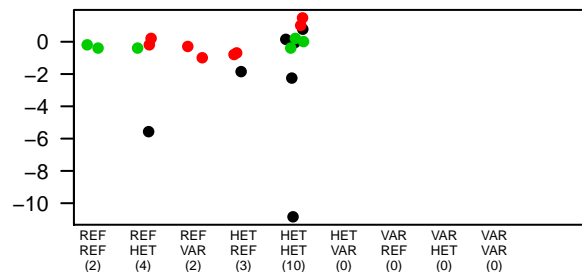
Usp24 x Naip1
inhibitory



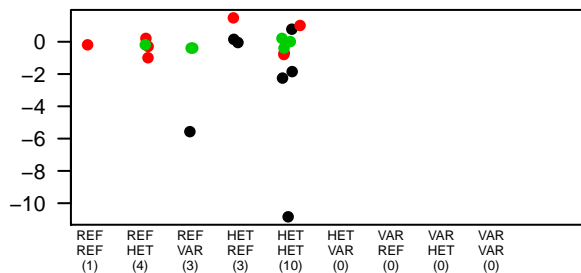
Usp24 x Zdhc8
lethal



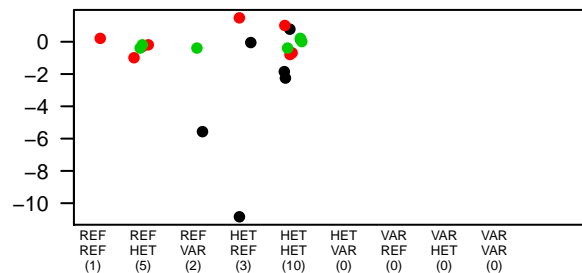
Usp24 x Dvl3
lethal



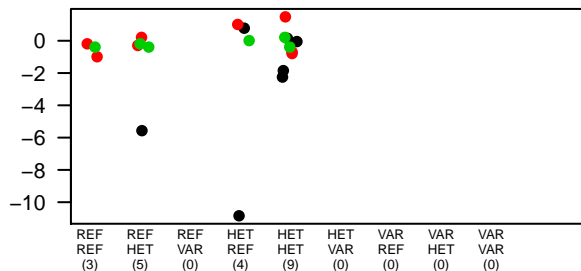
Usp24 x Prss41
lethal



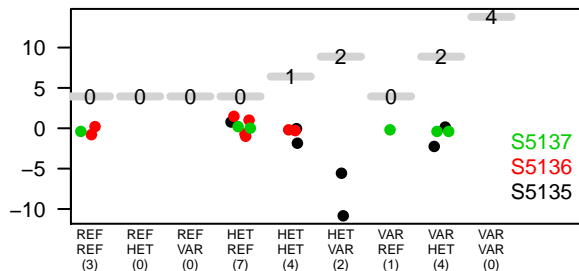
Usp24 x Col11a2
lethal



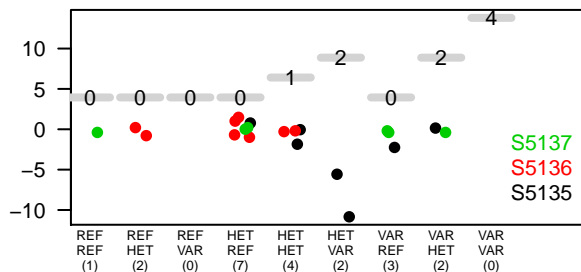
Usp24 x Spink10
lethal



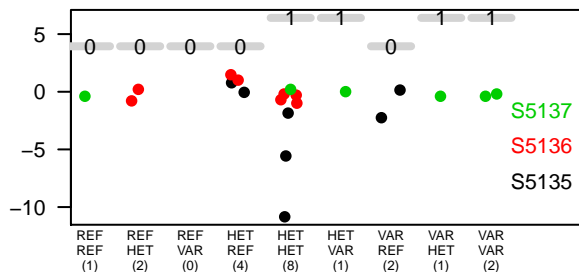
Akap9 x Clcn1
additive



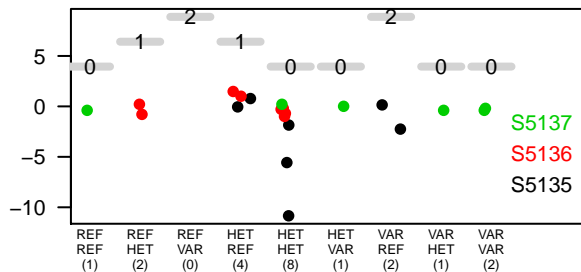
Akap9 x Kbtbd2
additive



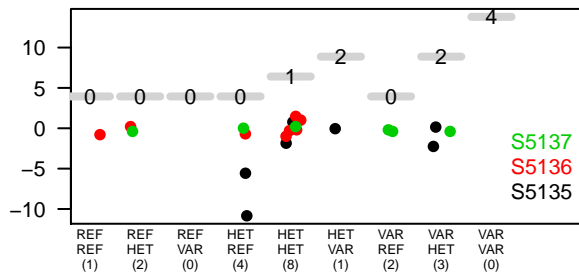
Akap9 x Adamts2
dominant



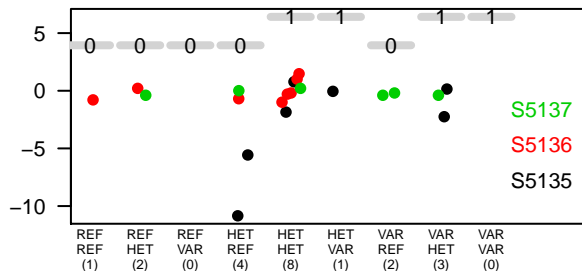
Akap9 x Adamts2
inhibitory



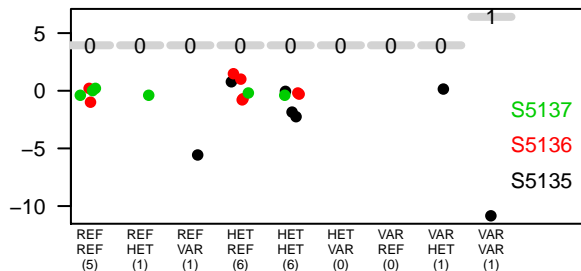
Akap9 x Hic1
additive



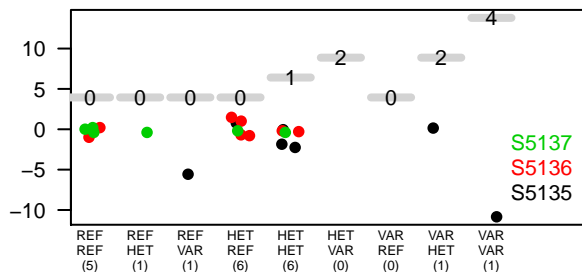
**Akap9 x Hic1
dominant**



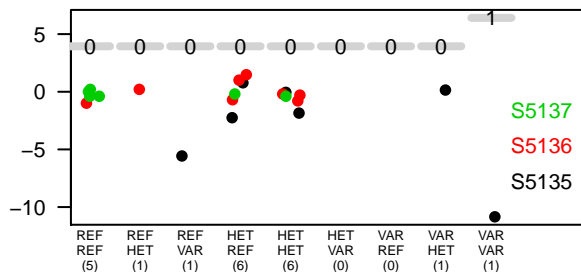
**Scarb1 x Clcn1
recessive**



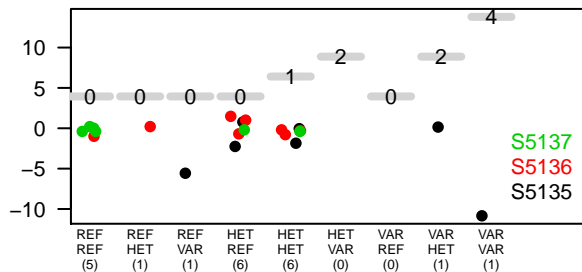
**Scarb1 x Clcn1
additive**



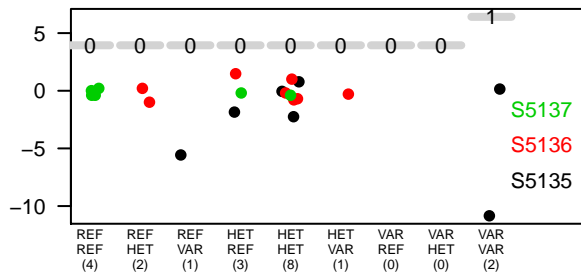
**Scarb1 x Kbtbd2
recessive**



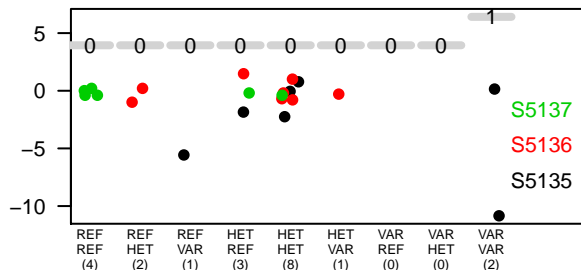
**Scarb1 x Kbtbd2
additive**



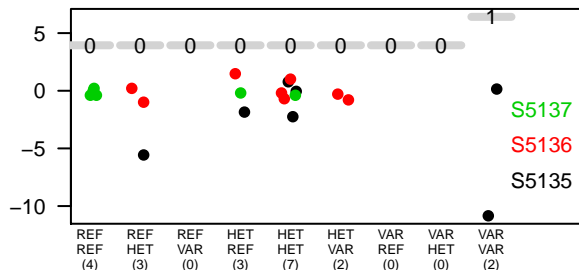
**Scarb1 x Alms1
recessive**



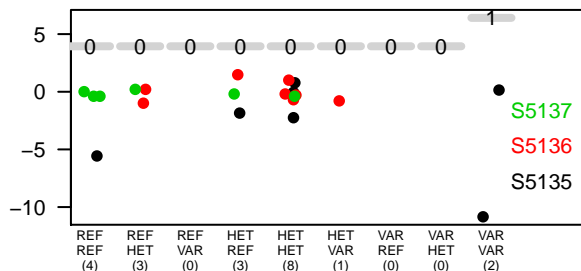
Scarb1 x Tprkb
recessive



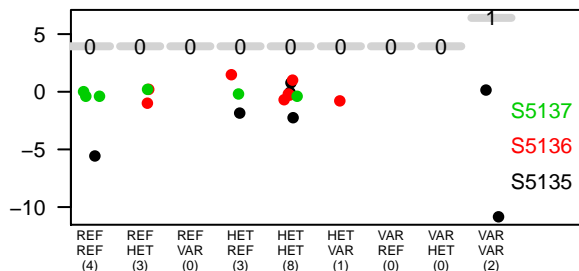
Scarb1 x Zfp9
recessive



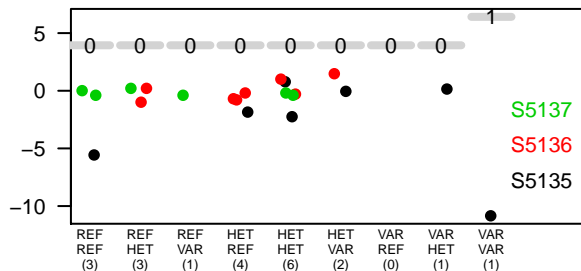
Scarb1 x Fkbp4
recessive



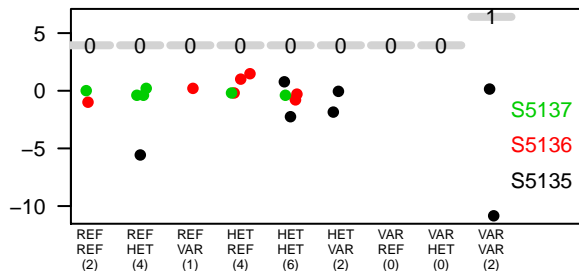
Scarb1 x Clec12a
recessive



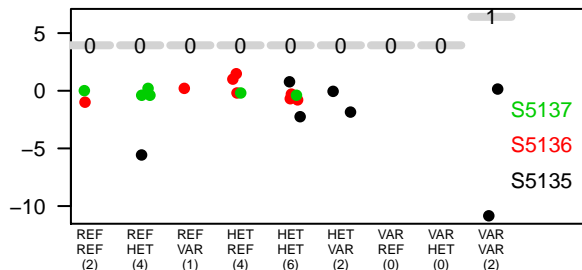
Scarb1 x Tmtc1
recessive



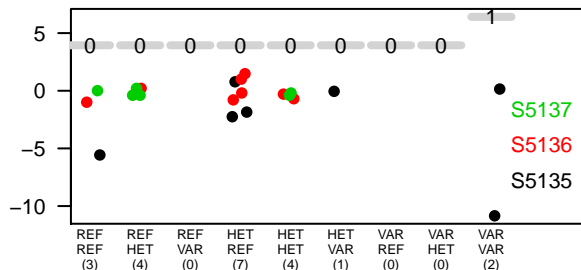
Scarb1 x Dpy19l2
recessive



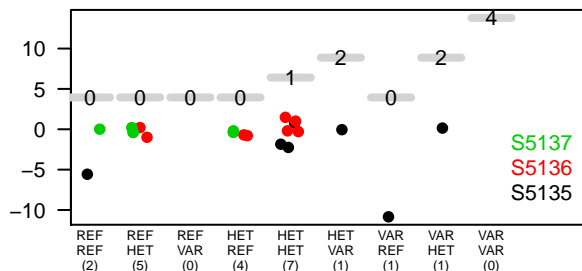
Scarb1 x Ncapd3
recessive



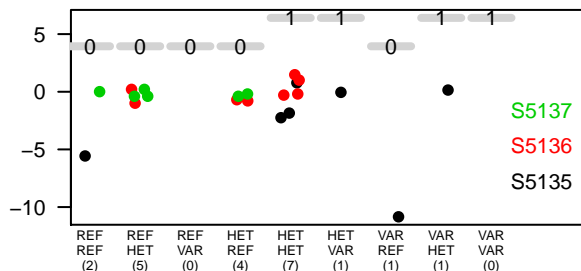
Scarb1 x Mpz12
recessive



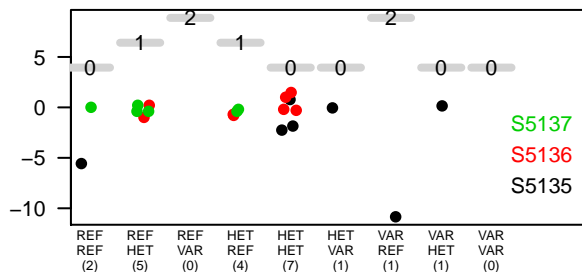
Scarb1 x Hic1
additive



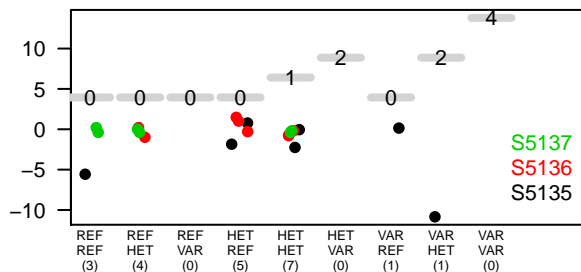
Scarb1 x Hic1
dominant



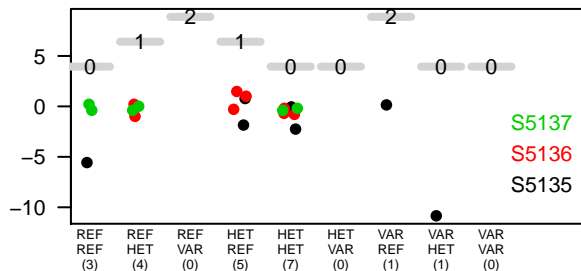
Scarb1 x Hic1
inhibitory



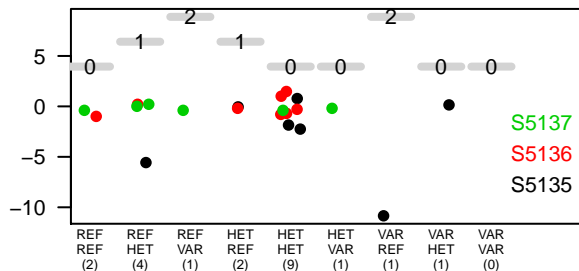
Scarb1 x Naip1
additive



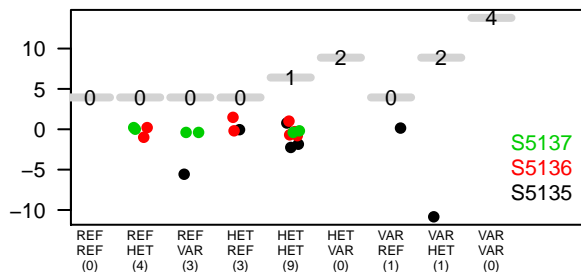
**Scarb1 x Naip1
inhibitory**



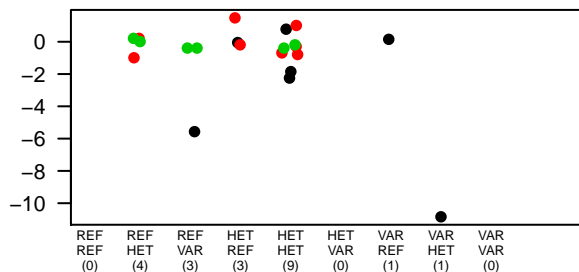
**Scarb1 x Zdhhc8
inhibitory**



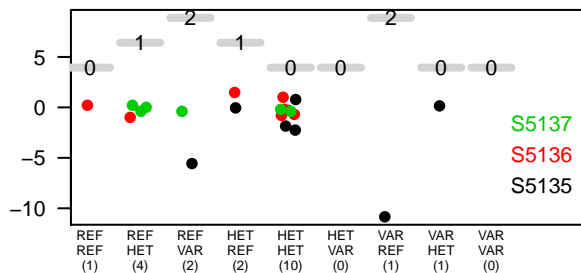
**Scarb1 x Prss41
additive**



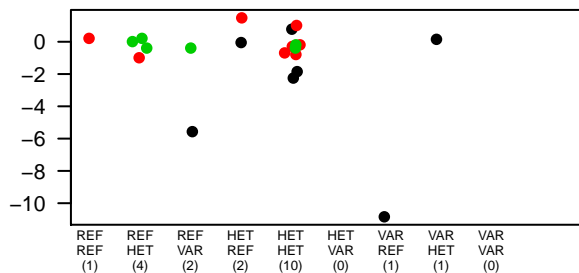
**Scarb1 x Prss41
lethal**



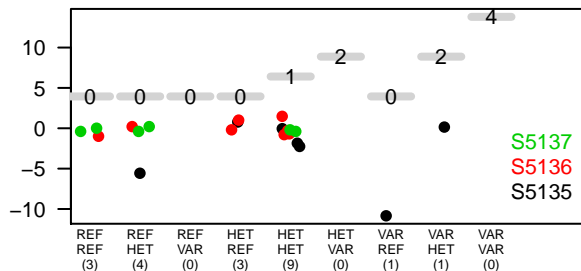
**Scarb1 x Col11a2
inhibitory**



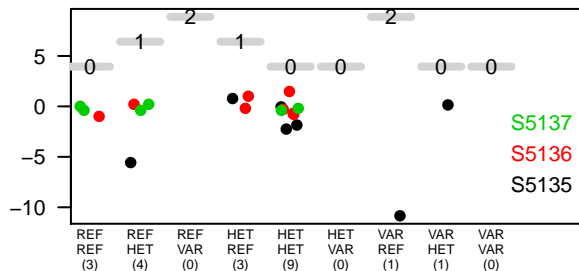
**Scarb1 x Col11a2
lethal**



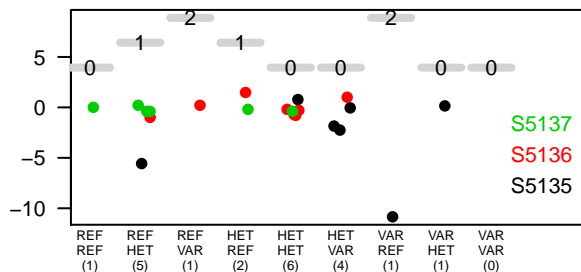
Scarb1 x Spink10
additive



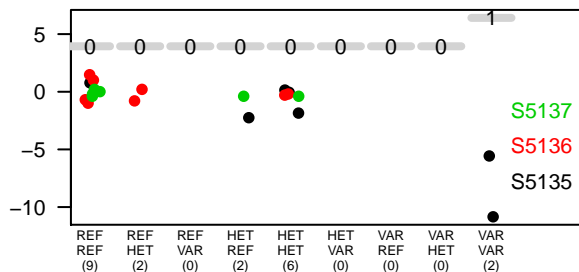
Scarb1 x Spink10
inhibitory



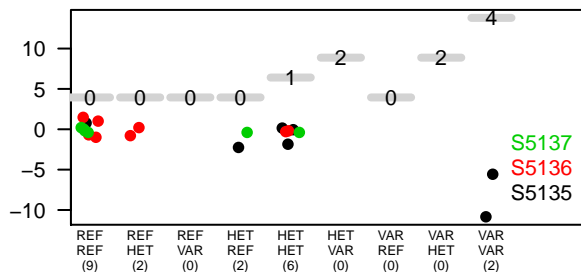
Scarb1 x Olfr1475
inhibitory



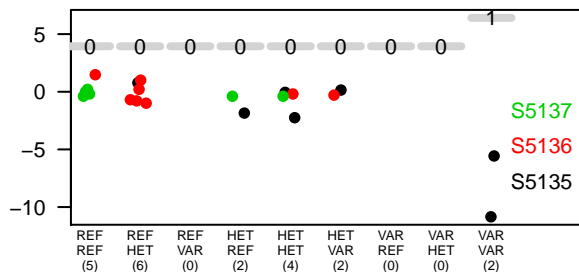
Cln1 x Kbtbd2
recessive



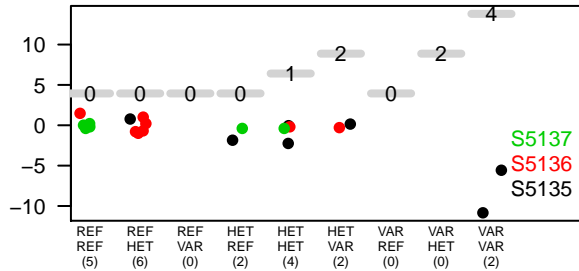
Cln1 x Kbtbd2
additive



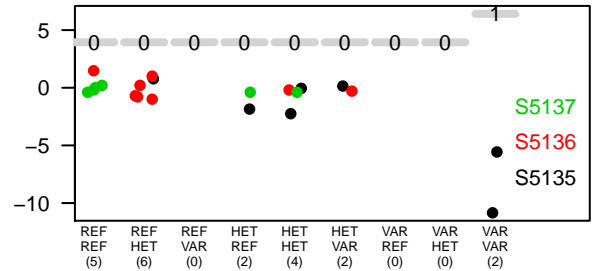
Cln1 x Alms1
recessive



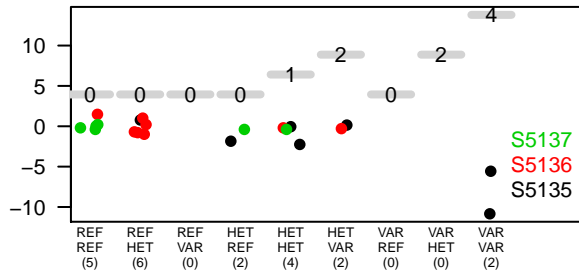
**Clcn1 x Alms1
additive**



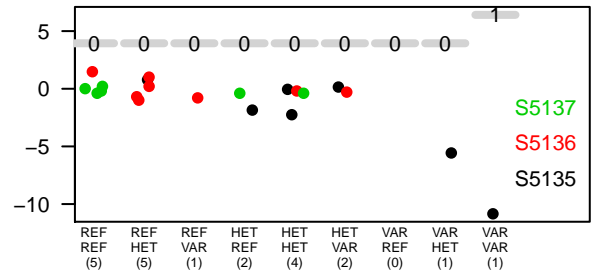
**Clcn1 x Tprkb
recessive**



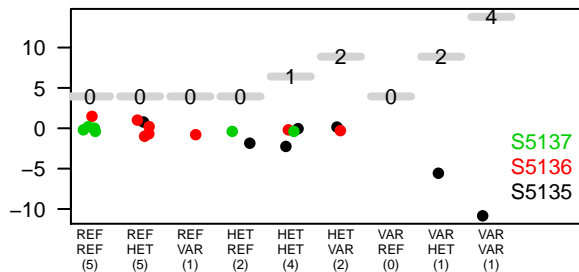
**Clcn1 x Tprkb
additive**



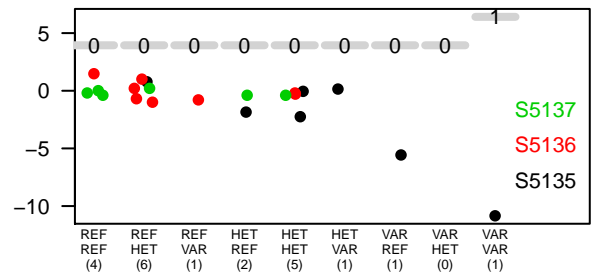
**Clcn1 x Zfp9
recessive**



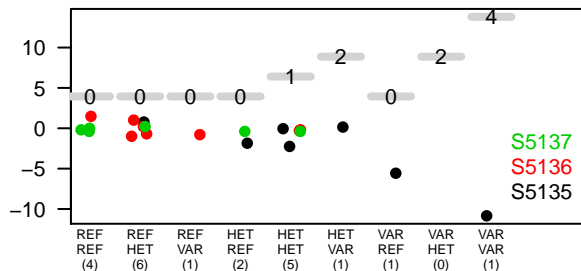
**Clcn1 x Zfp9
additive**



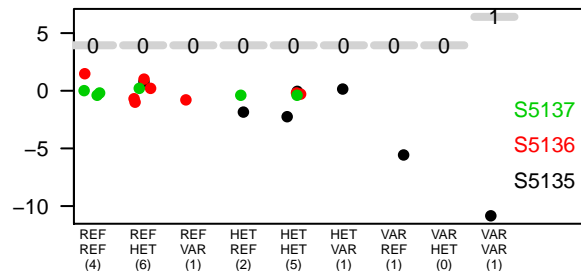
**Clcn1 x Fkbp4
recessive**



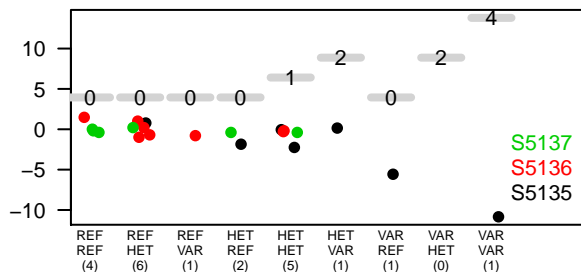
Clcn1 x Fkbp4
additive



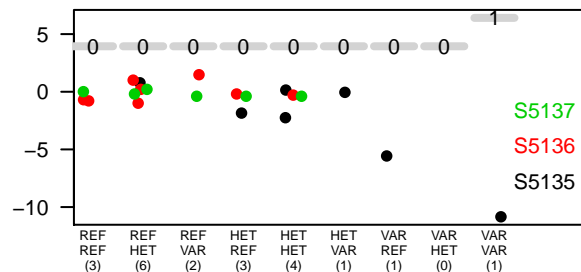
Clcn1 x Clec12a
recessive



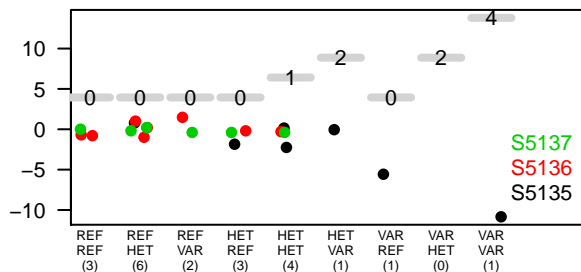
Clcn1 x Clec12a
additive



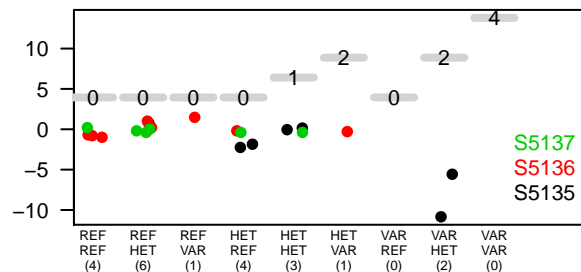
Clcn1 x Tmtc1
recessive



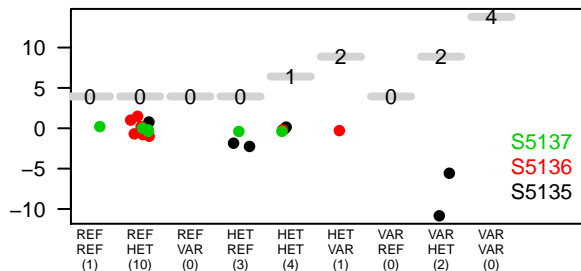
Clcn1 x Tmtc1
additive



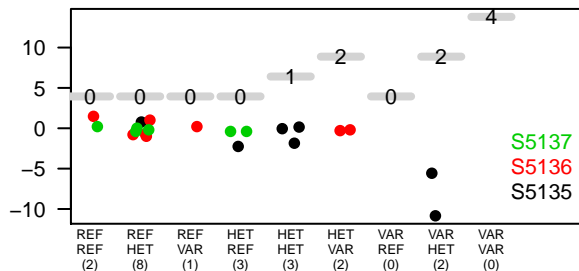
Clcn1 x Crxos1
additive



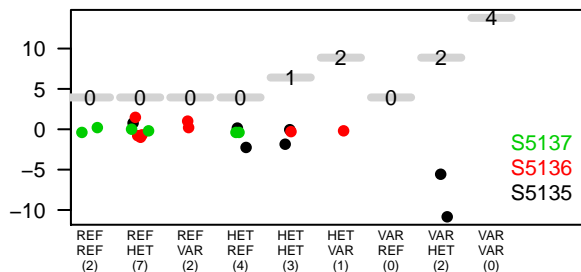
Clcn1 x Herc2
additive



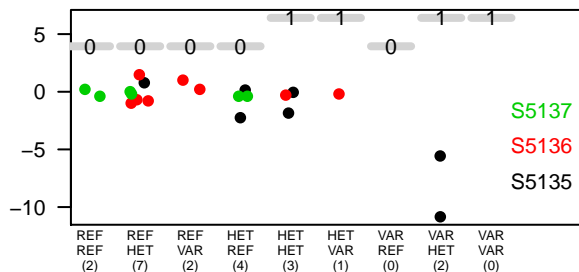
Clcn1 x Ttll13
additive



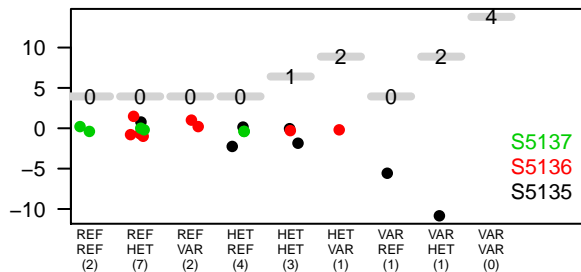
Clcn1 x St5
additive



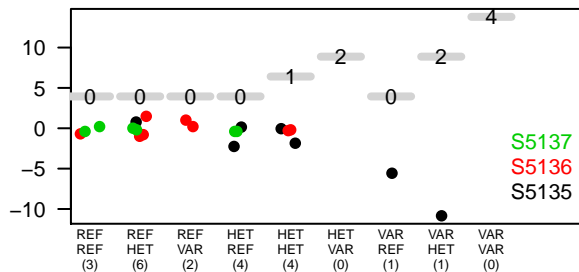
Clcn1 x St5
dominant



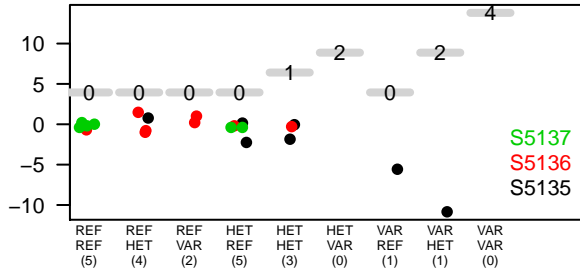
Clcn1 x Acsm1
additive



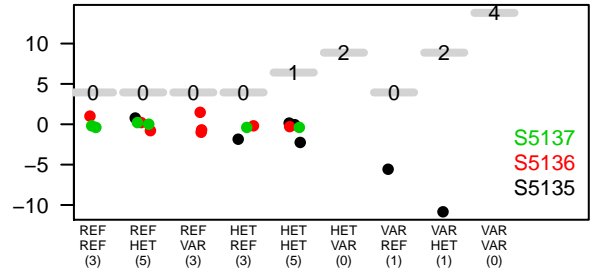
Clcn1 x Acadsb
additive



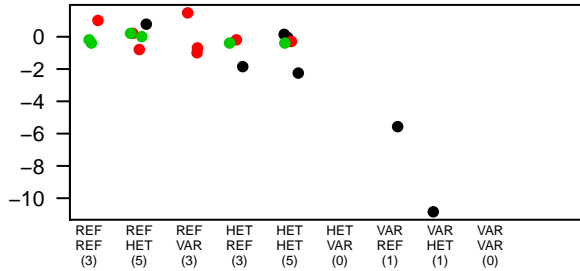
**Clcn1 x Muc5b
additive**



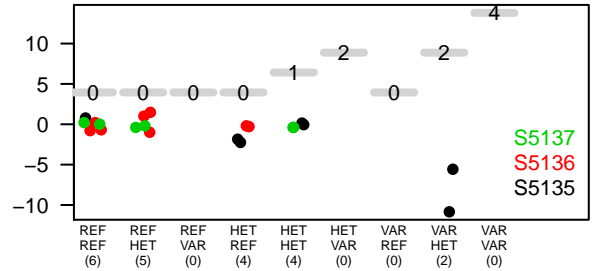
**Clcn1 x Efha2
additive**



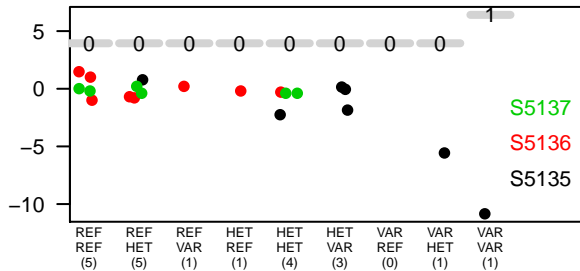
**Clcn1 x Efha2
lethal**



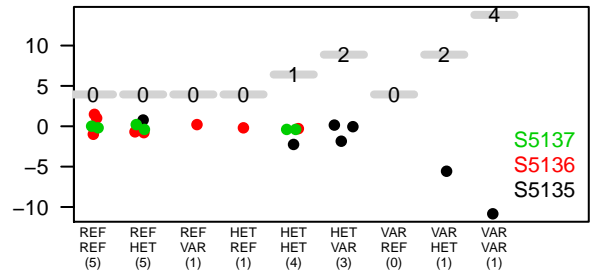
**Clcn1 x Ntpcr
additive**



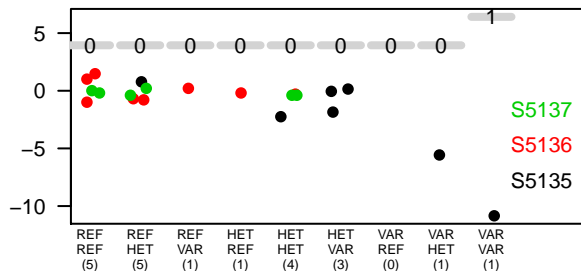
**Clcn1 x Dpy19l2
recessive**



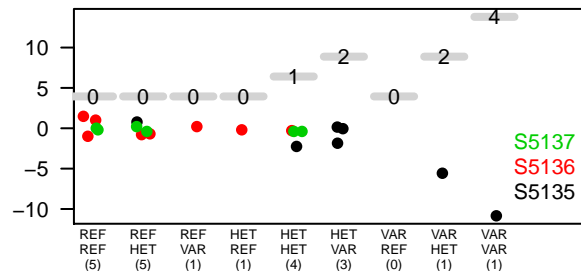
**Clcn1 x Dpy19l2
additive**



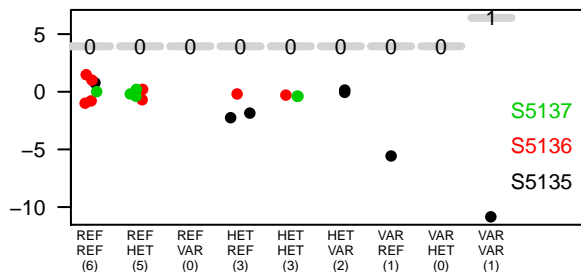
Clcn1 x Ncapd3
recessive



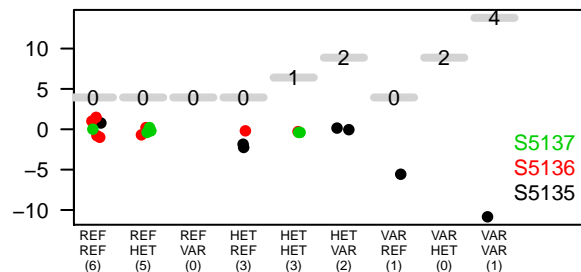
Clcn1 x Ncapd3
additive



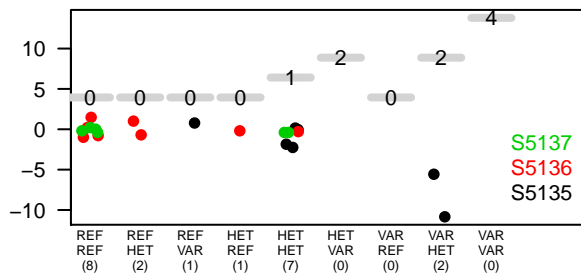
Clcn1 x Mpzl2
recessive



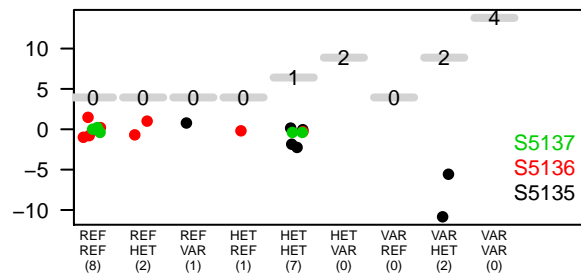
Clcn1 x Mpzl2
additive



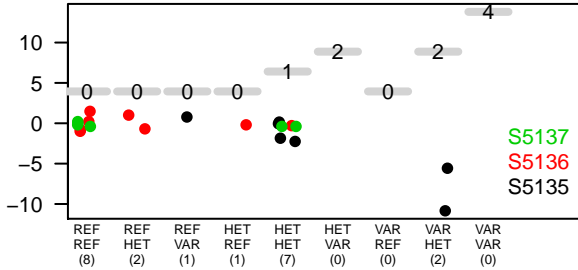
Clcn1 x Mmp11
additive



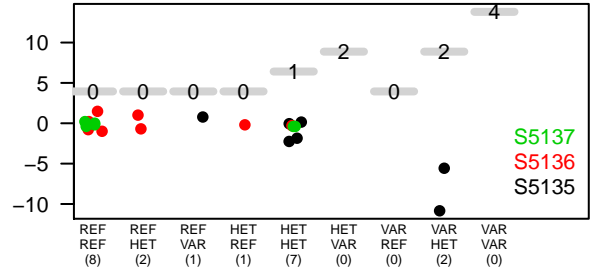
Clcn1 x Ap3d1
additive



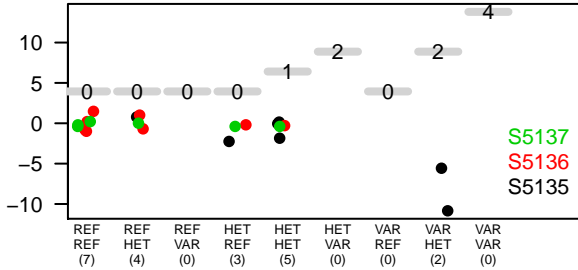
Clcn1 x Ric8b
additive



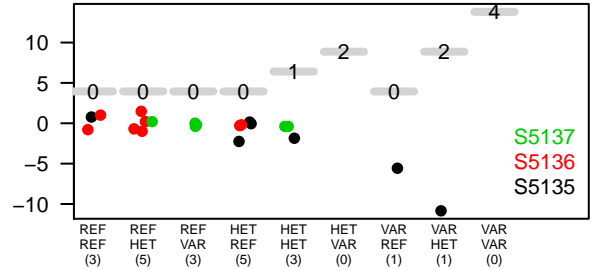
Clcn1 x Utp20
additive



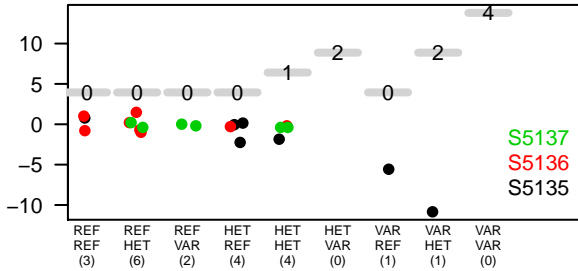
Clcn1 x Ptprq
additive



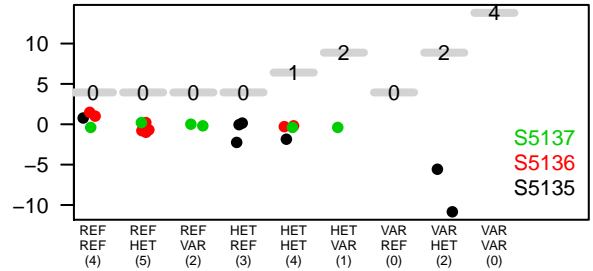
Clcn1 x Osbp2
additive



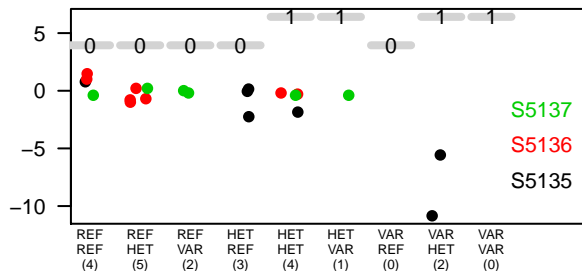
Clcn1 x Abca13
additive



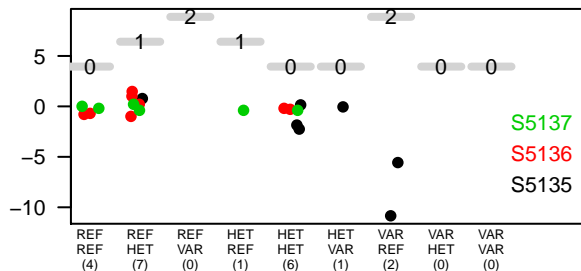
Clcn1 x Adamts2
additive



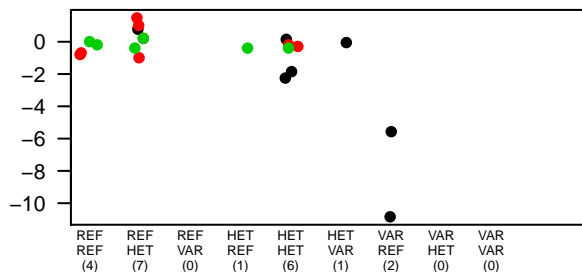
**Clcn1 x Adamts2
dominant**



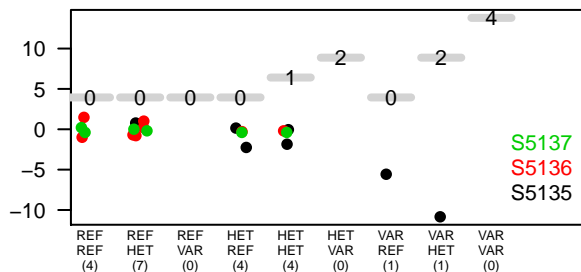
**Clcn1 x Hic1
inhibitory**



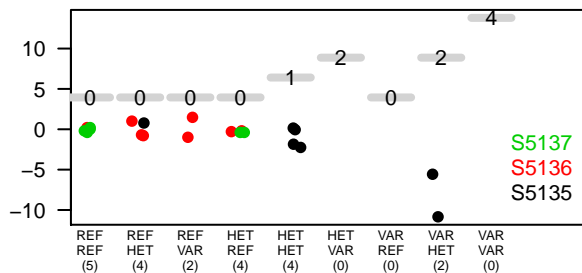
**Clcn1 x Hic1
lethal**



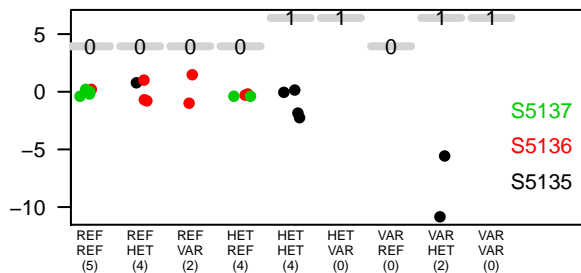
**Clcn1 x Plekhh1
additive**



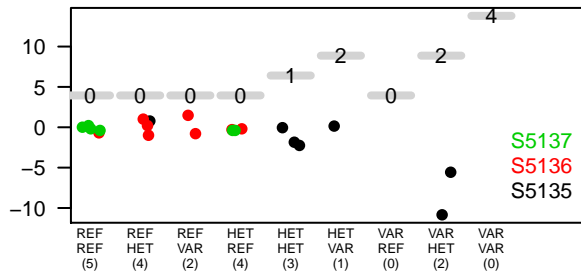
**Clcn1 x Itgb1bp1
additive**



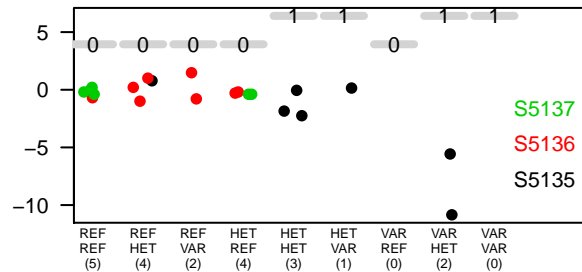
**Clcn1 x Itgb1bp1
dominant**



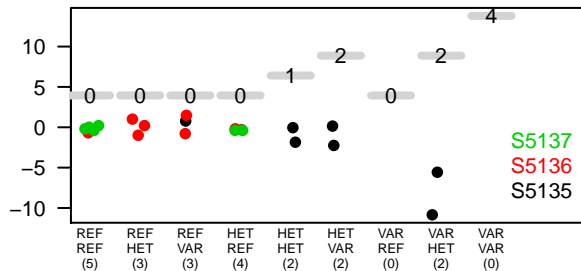
Clcn1 x Fancm
additive



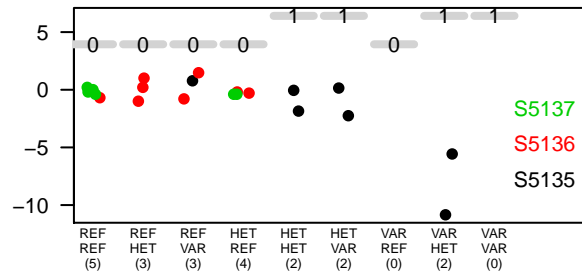
Clcn1 x Fancm
dominant



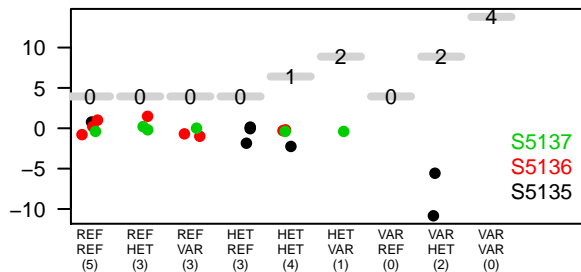
Clcn1 x Ppp1r36
additive



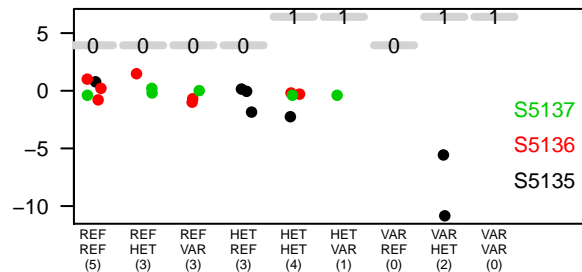
Clcn1 x Ppp1r36
dominant



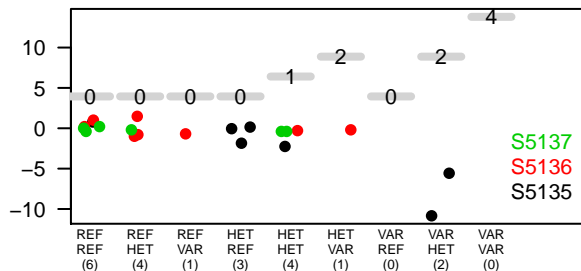
Clcn1 x Vmn1r200
additive



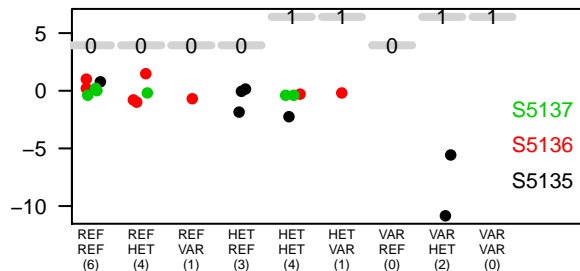
Clcn1 x Vmn1r200
dominant



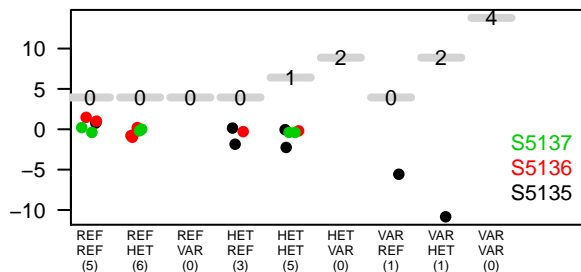
Clcn1 x Cntnap3
additive



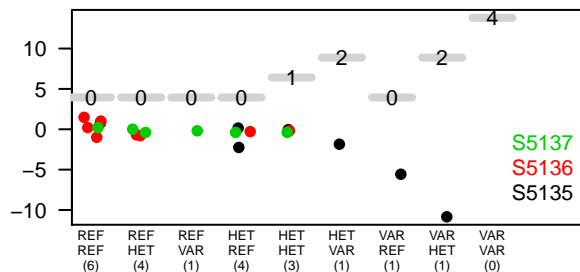
Clcn1 x Cntnap3
dominant



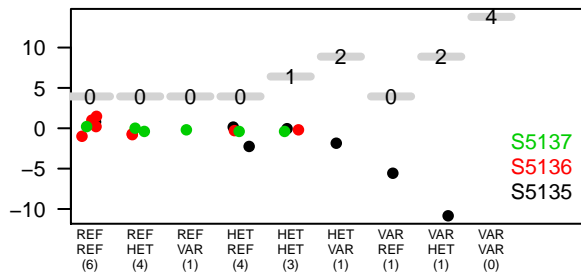
Clcn1 x Naip1
additive



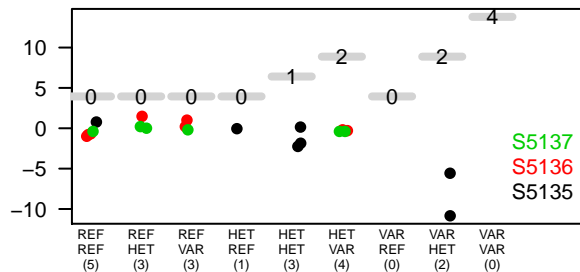
Clcn1 x Psme1
additive



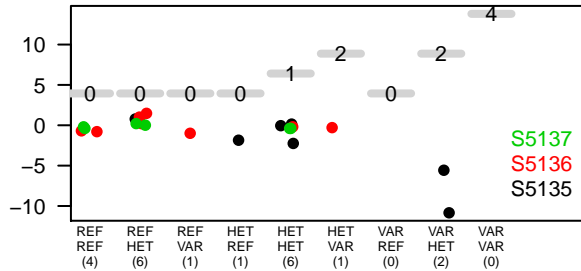
Clcn1 x Dpysl2
additive



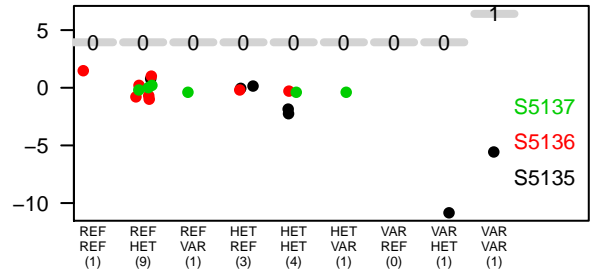
Clcn1 x 2410089E03Rik
additive



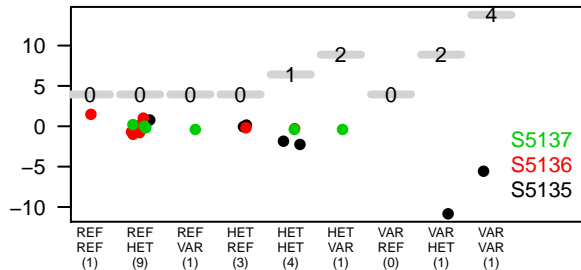
Clcn1 x Dvl3
additive



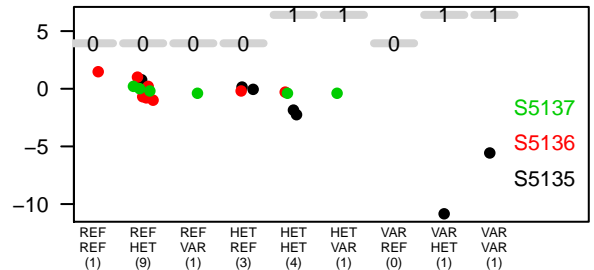
Clcn1 x Prss41
recessive



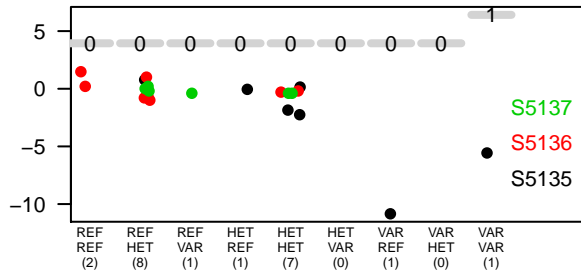
Clcn1 x Prss41
additive



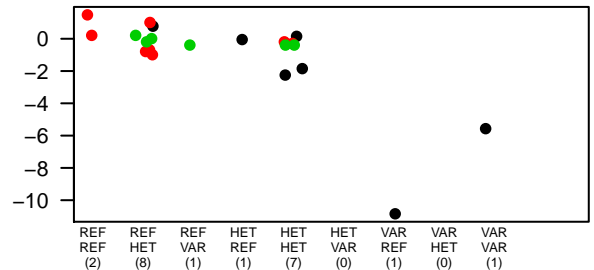
Clcn1 x Prss41
dominant



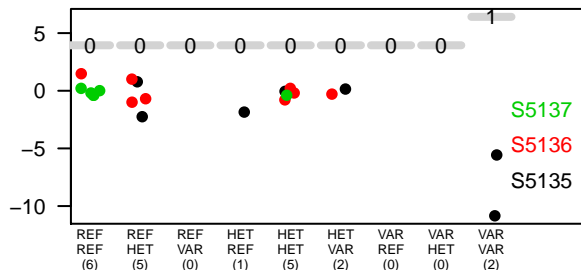
Clcn1 x Col11a2
recessive



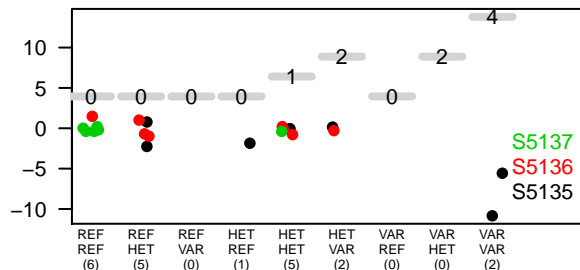
Clcn1 x Col11a2
lethal



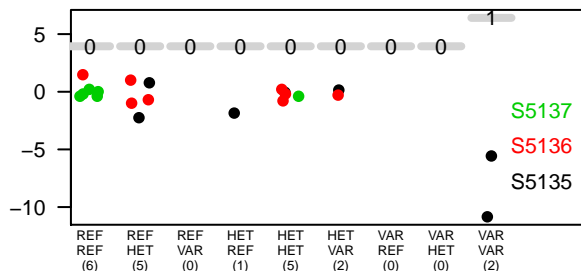
Kbtbd2 x Alms1
recessive



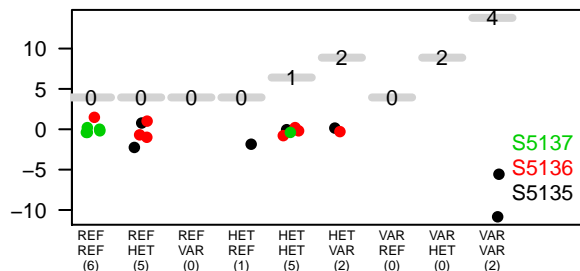
Kbtbd2 x Alms1
additive



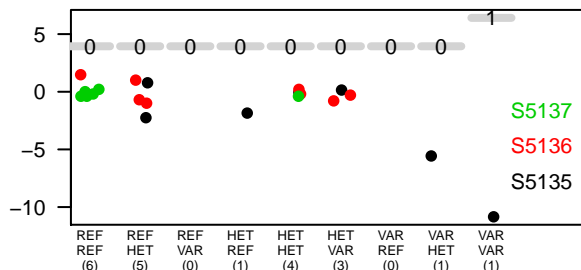
Kbtbd2 x Tprkb
recessive



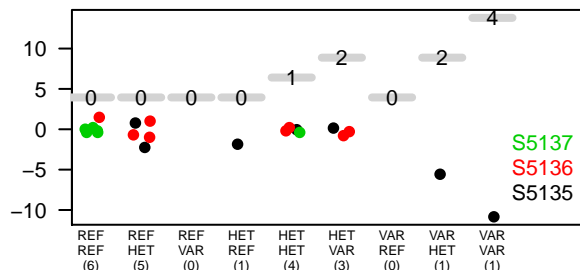
Kbtbd2 x Tprkb
additive



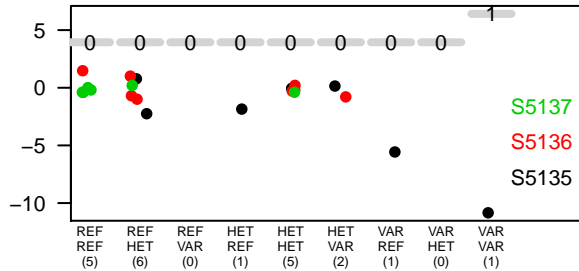
Kbtbd2 x Zfp9
recessive



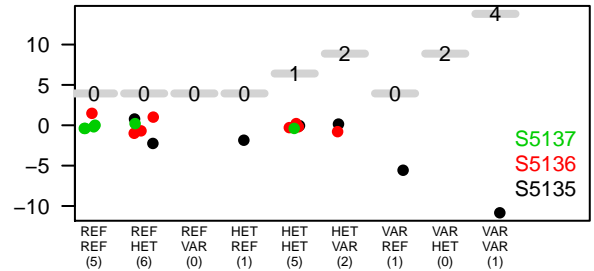
Kbtbd2 x Zfp9
additive



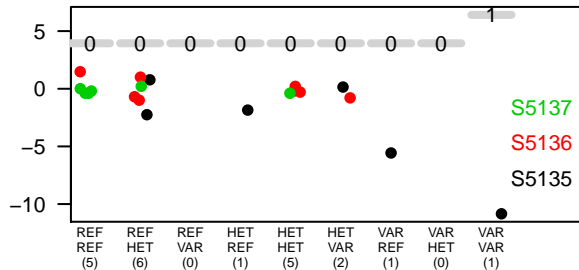
Kbtbd2 x Fkbp4
recessive



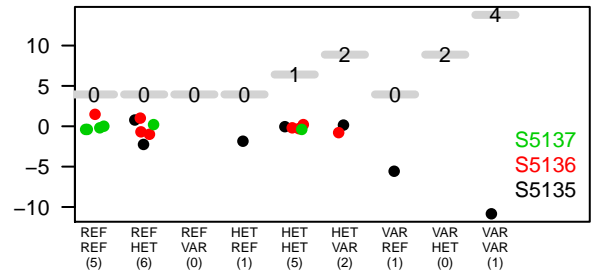
Kbtbd2 x Fkbp4
additive



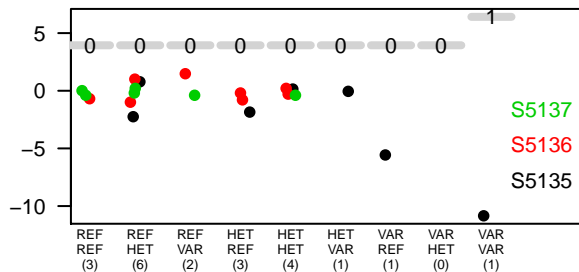
Kbtbd2 x Clec12a
recessive



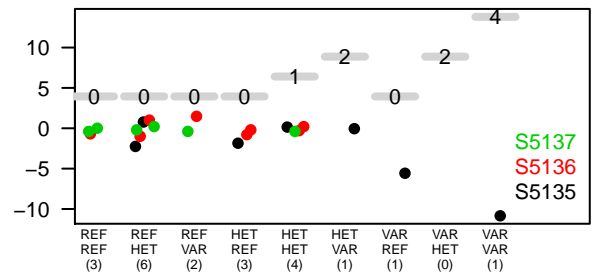
Kbtbd2 x Clec12a
additive



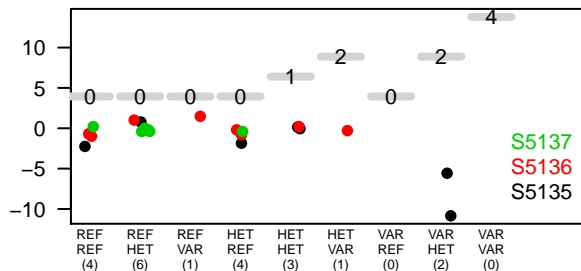
Kbtbd2 x Tmtc1
recessive



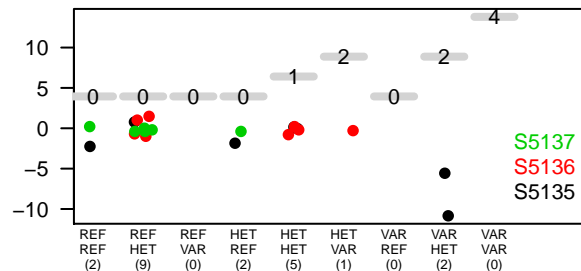
Kbtbd2 x Tmtc1
additive



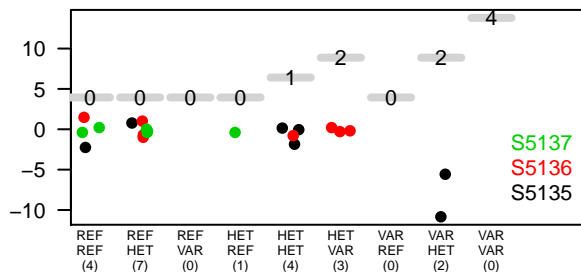
Kbtbd2 x Crxos1
additive



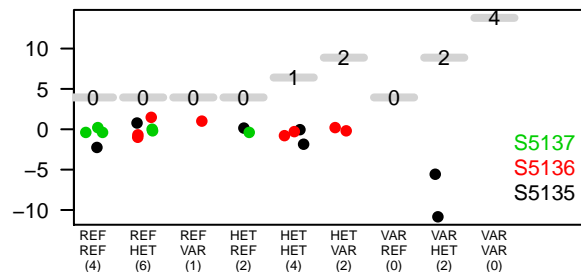
Kbtbd2 x Herc2
additive



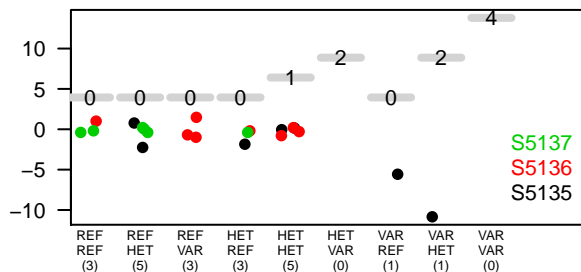
Kbtbd2 x Tll13
additive



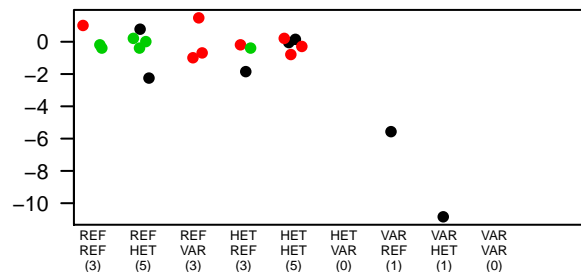
Kbtbd2 x St5
additive



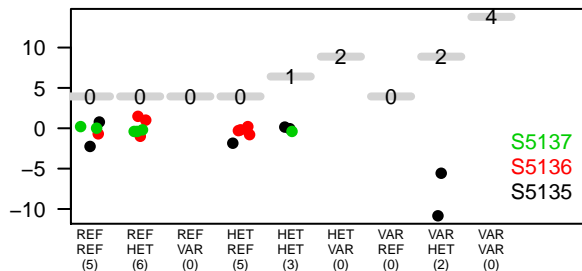
Kbtbd2 x Efha2
additive



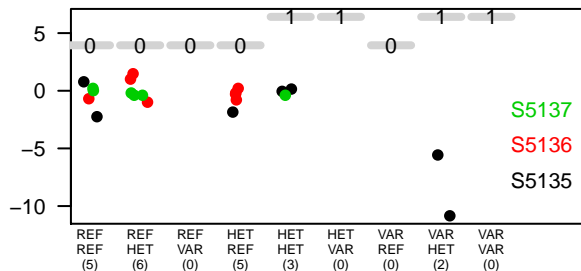
Kbtbd2 x Efha2
lethal



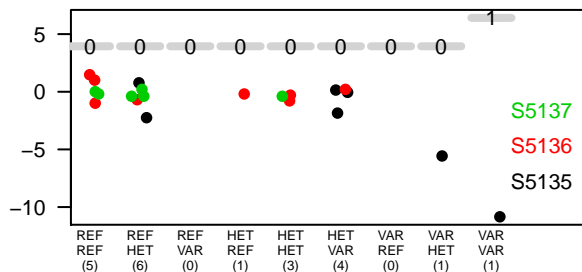
**Kbtbd2 x Ntpcr
additive**



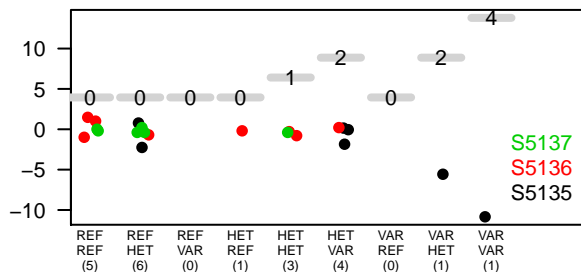
**Kbtbd2 x Ntpcr
dominant**



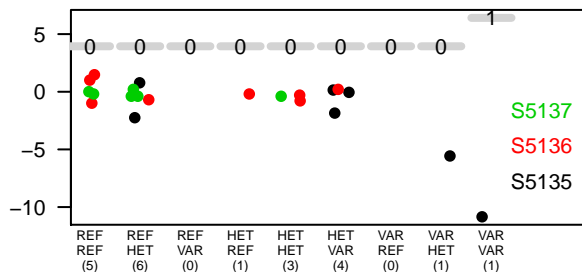
**Kbtbd2 x Dpy1912
recessive**



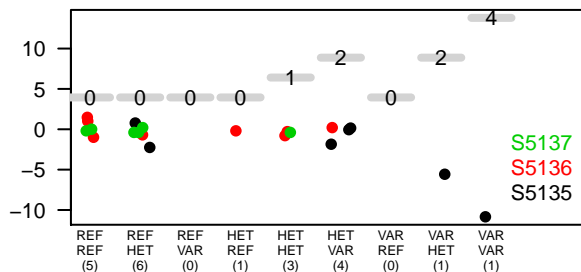
**Kbtbd2 x Dpy1912
additive**



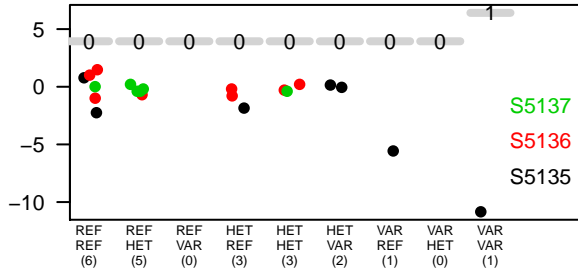
**Kbtbd2 x Ncapd3
recessive**



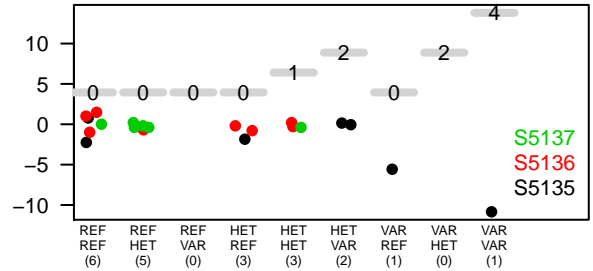
**Kbtbd2 x Ncapd3
additive**



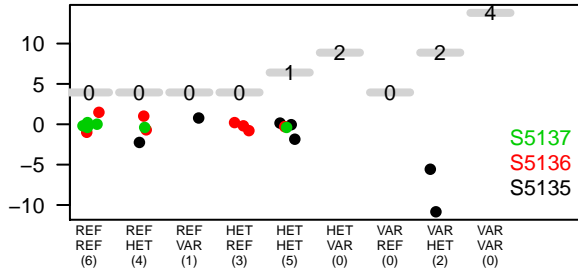
Kbtbd2 x Mpzl2
recessive



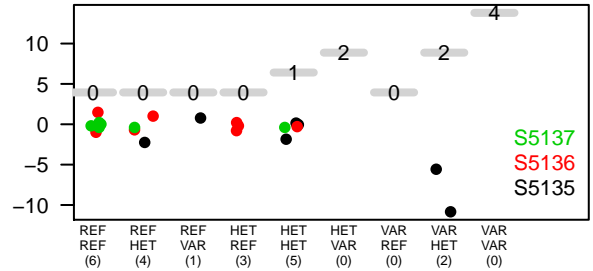
Kbtbd2 x Mpzl2
additive



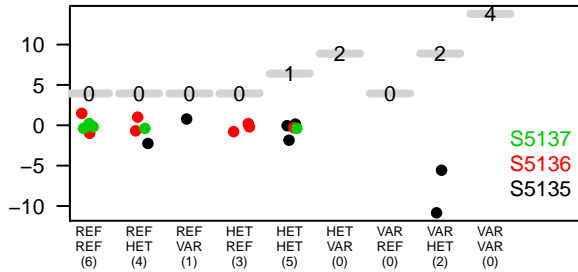
Kbtbd2 x Mmp11
additive



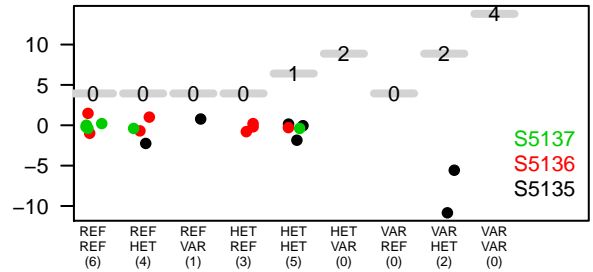
Kbtbd2 x Ap3d1
additive



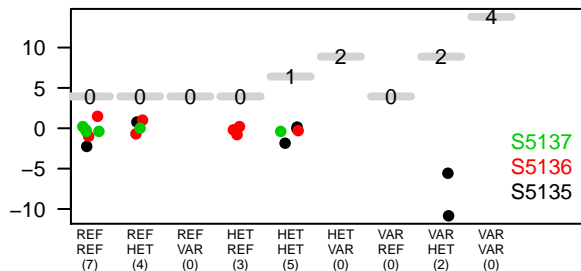
Kbtbd2 x Ric8b
additive



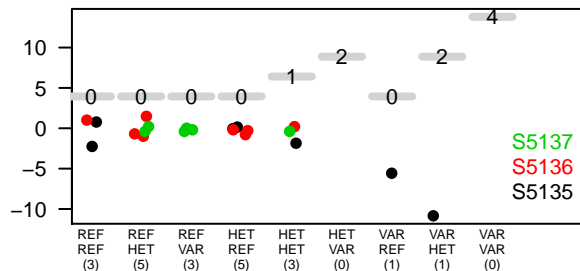
Kbtbd2 x Utp20
additive



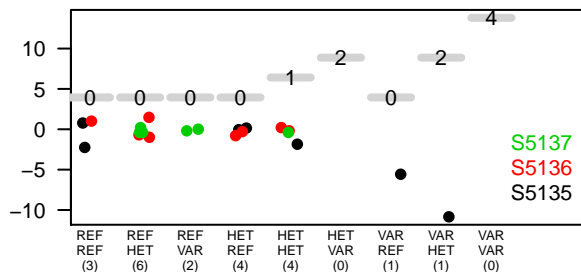
**Kbtbd2 x Ptprq
additive**



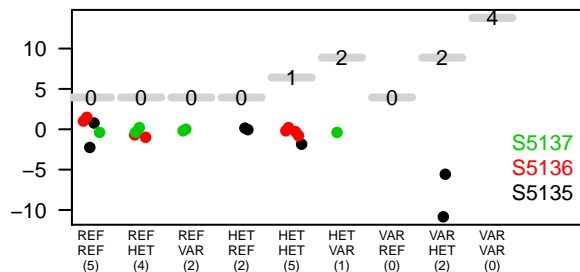
**Kbtbd2 x Osbp2
additive**



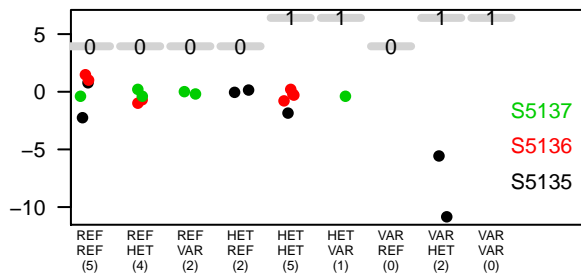
**Kbtbd2 x Abca13
additive**



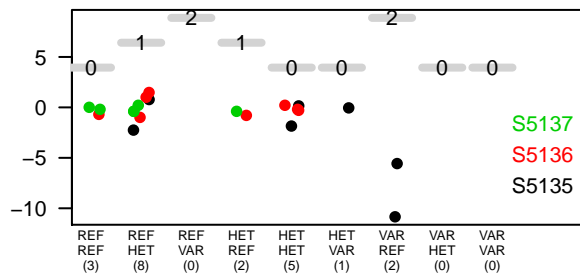
**Kbtbd2 x Adams2
additive**



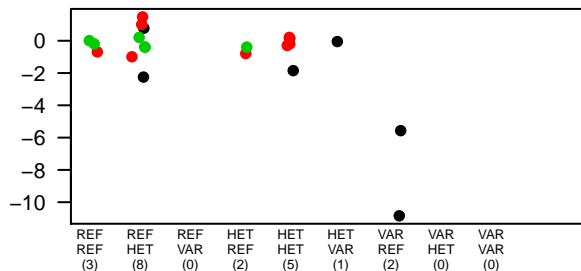
**Kbtbd2 x Adams2
dominant**



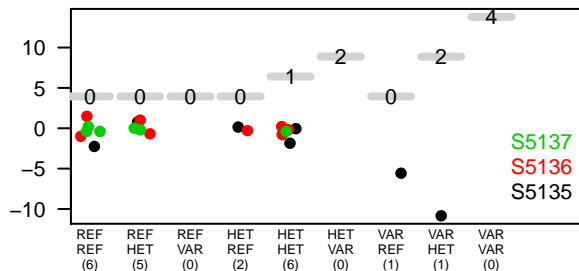
**Kbtbd2 x Hic1
inhibitory**



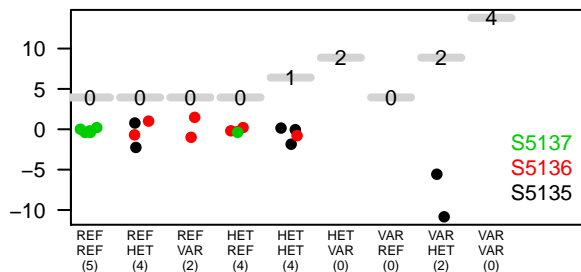
Kbtbd2 x Hic1
lethal



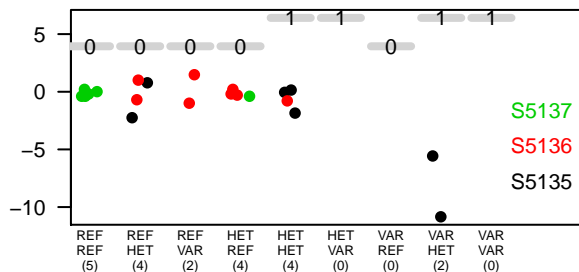
Kbtbd2 x Plekhm1
additive



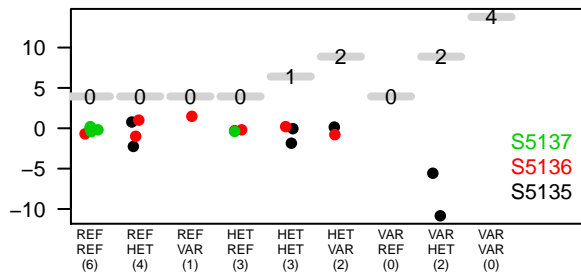
Kbtbd2 x Itgb1bp1
additive



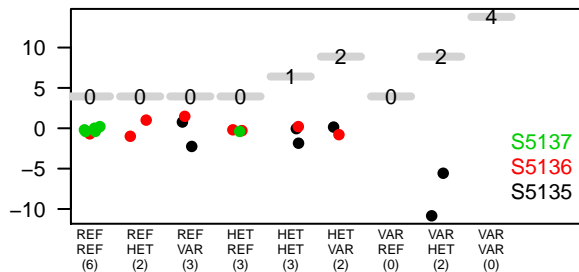
Kbtbd2 x Itgb1bp1
dominant



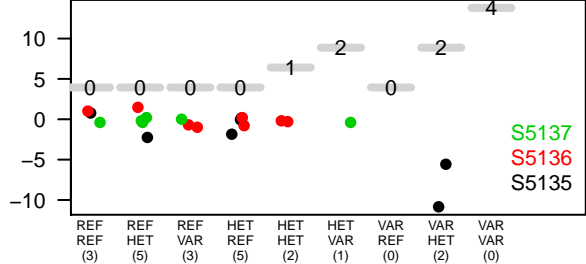
Kbtbd2 x Fancm
additive



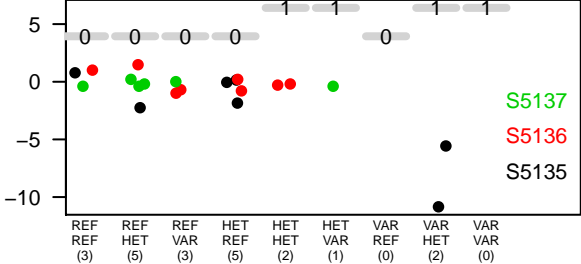
Kbtbd2 x Ppp1r36
additive



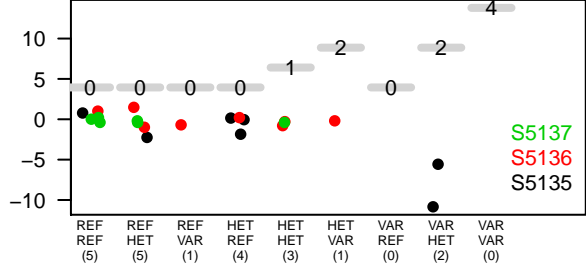
Kbtbd2 x Vmn1r200
additive



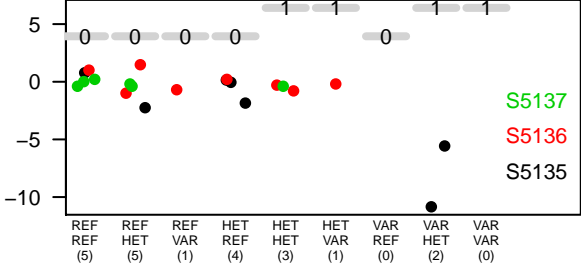
Kbtbd2 x Vmn1r200
dominant



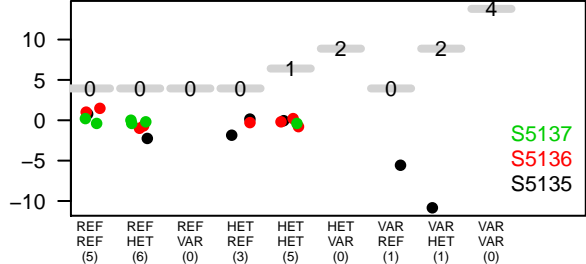
Kbtbd2 x Cntnap3
additive



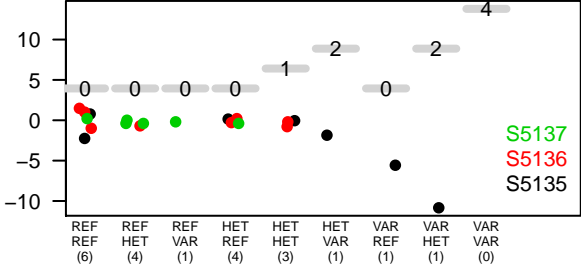
Kbtbd2 x Cntnap3
dominant



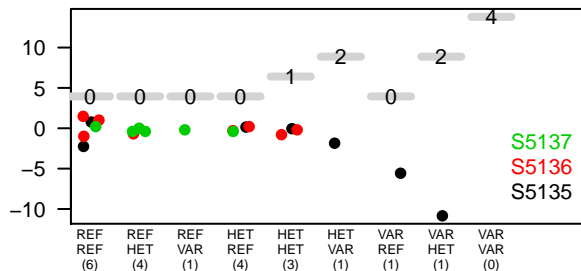
Kbtbd2 x Naip1
additive



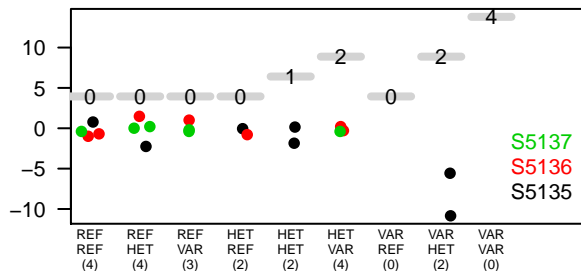
Kbtbd2 x Psme1
additive



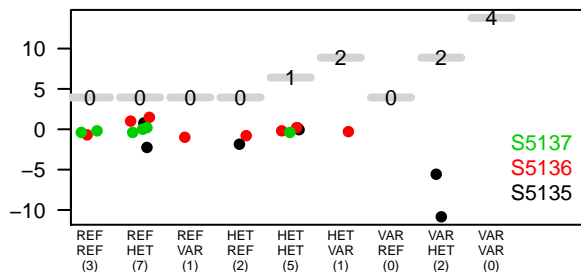
Kbtbd2 x Dpysl2
additive



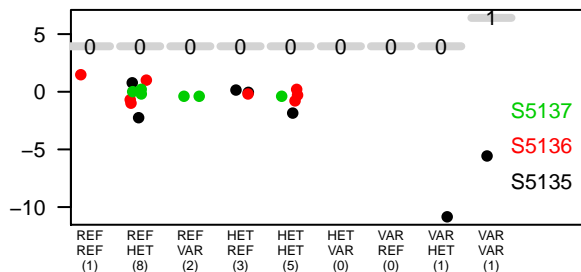
Kbtbd2 x 2410089E03Rik
additive



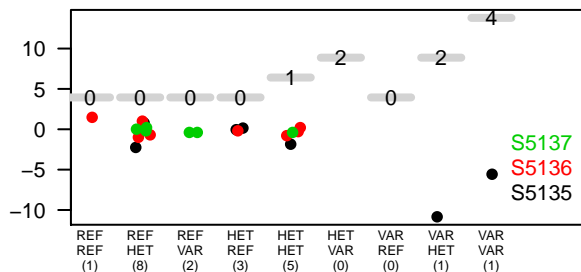
Kbtbd2 x Dvl3
additive



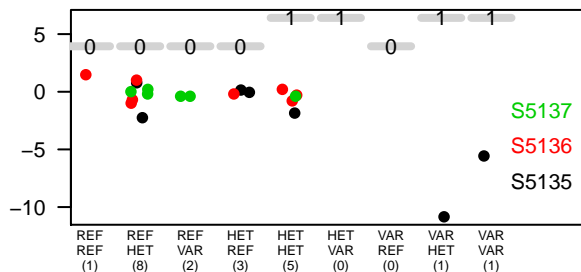
Kbtbd2 x Prss41
recessive



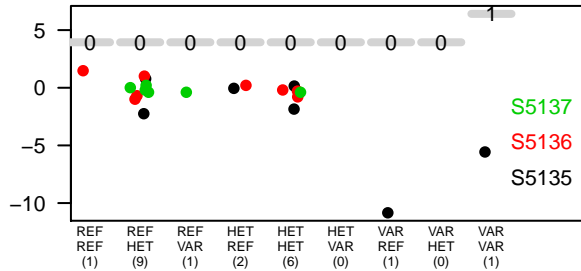
Kbtbd2 x Prss41
additive



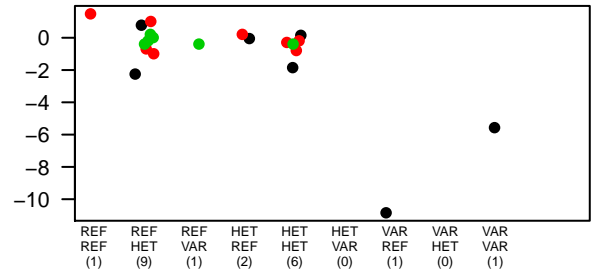
Kbtbd2 x Prss41
dominant



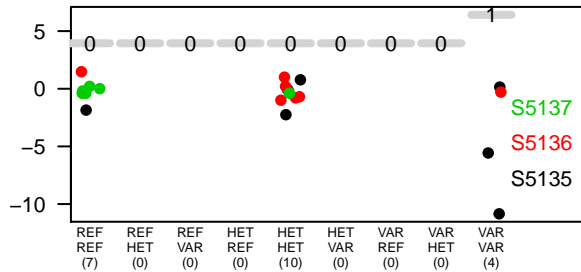
Kbtbd2 x Col11a2
recessive



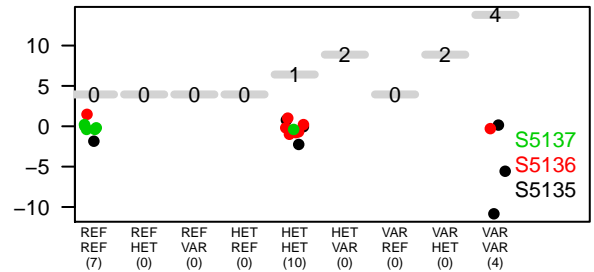
Kbtbd2 x Col11a2
lethal



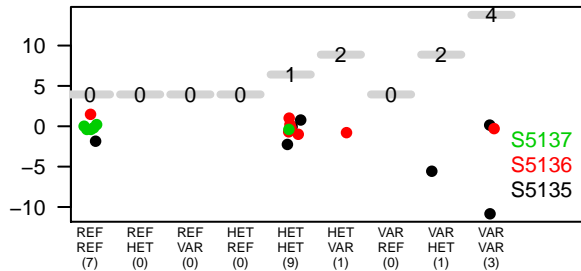
Alms1 x Tprkb
recessive



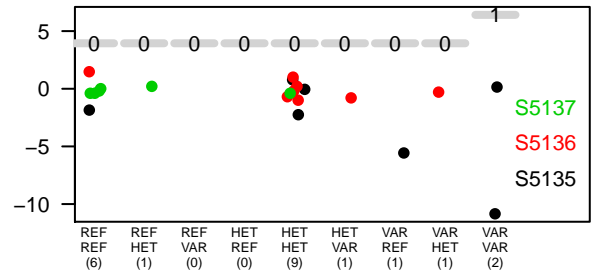
Alms1 x Tprkb
additive



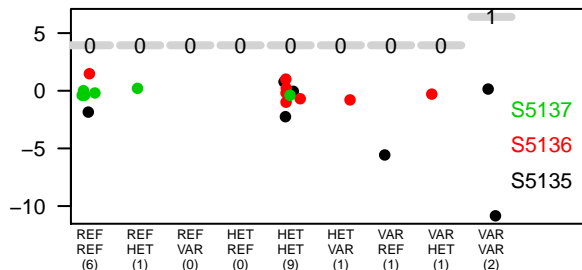
Alms1 x Zfp9
additive



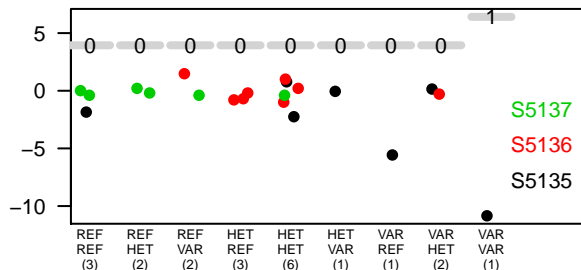
Alms1 x Fkbp4
recessive



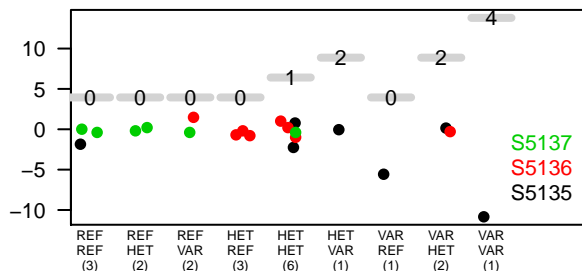
Alms1 x Clec12a
recessive



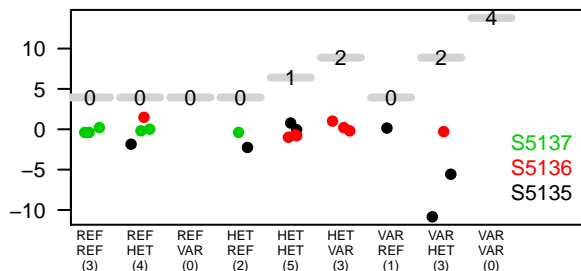
Alms1 x Tmtc1
recessive



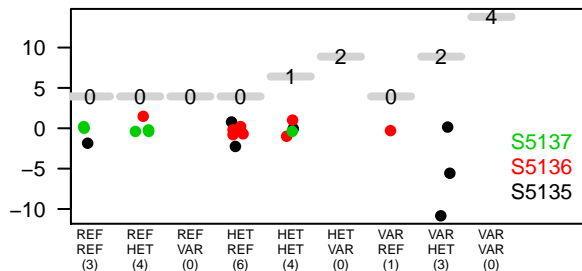
Alms1 x Tmtc1
additive



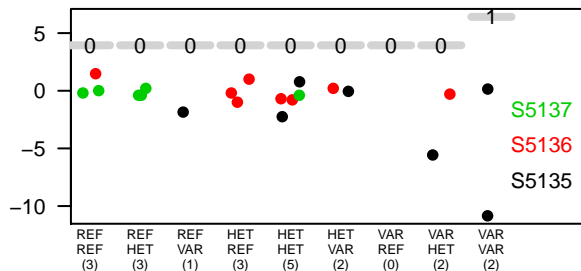
Alms1 x St5
additive



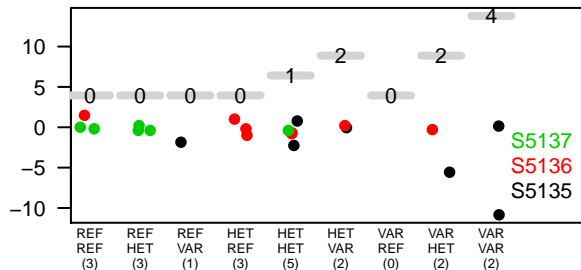
Alms1 x Ntpcr
additive



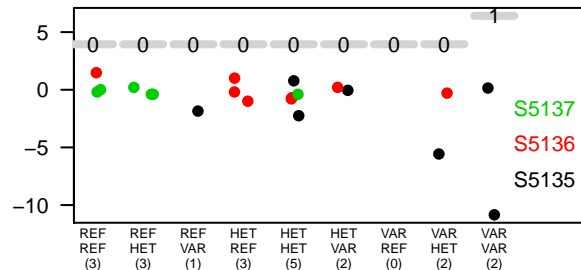
Alms1 x Dpy19l2
recessive



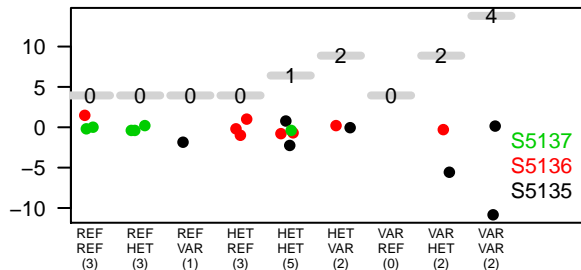
Alms1 x Dpy19l2
additive



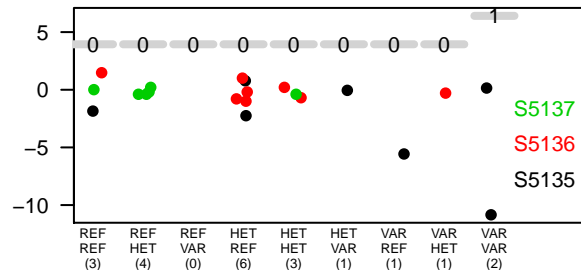
Alms1 x Ncapd3
recessive



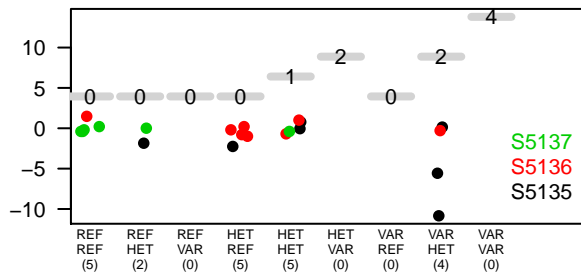
Alms1 x Ncapd3
additive



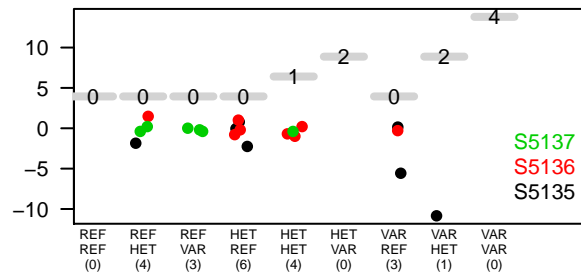
Alms1 x Mpzl2
recessive



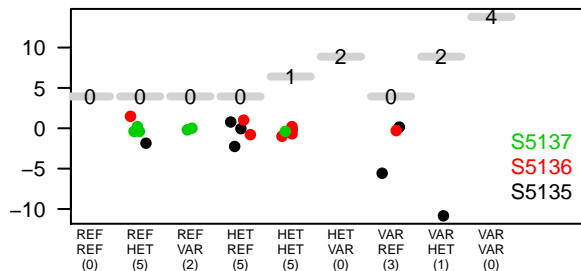
Alms1 x Ptpqrq
additive



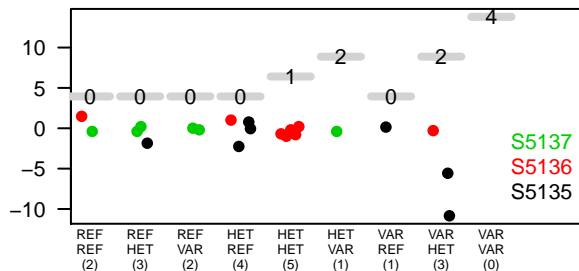
Alms1 x Osbsp2
additive



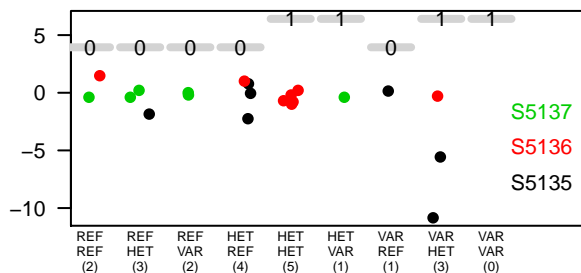
Alms1 x Abca13
additive



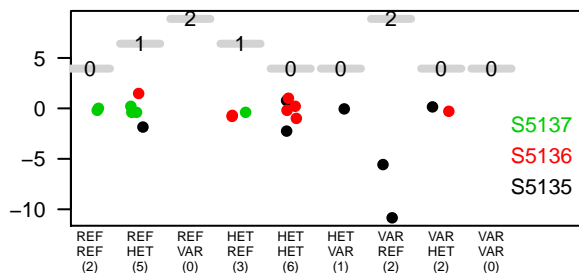
Alms1 x Adams2
additive



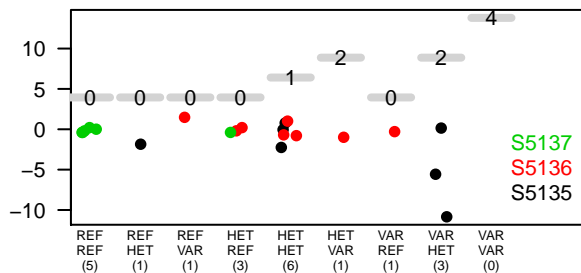
Alms1 x Adams2
dominant



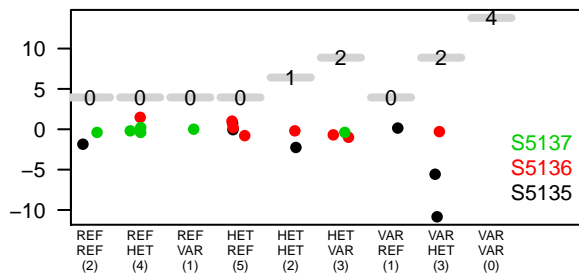
Alms1 x Hic1
inhibitory



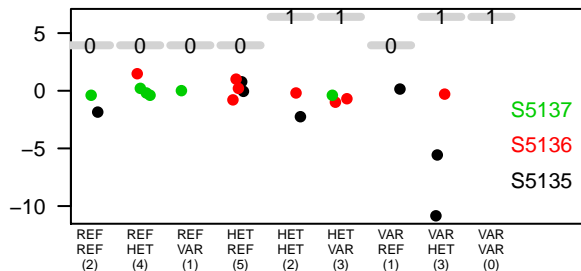
Alms1 x Itgb1bp1
additive



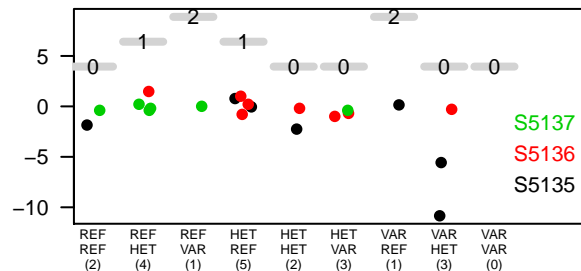
Alms1 x Vmn1r200
additive



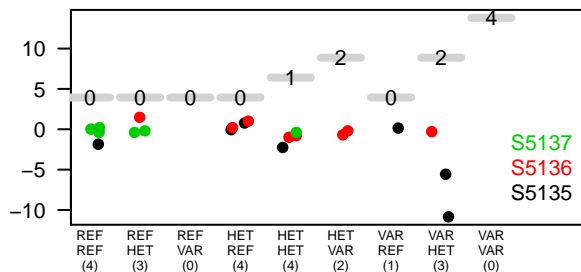
**Alms1 x Vmn1r200
dominant**



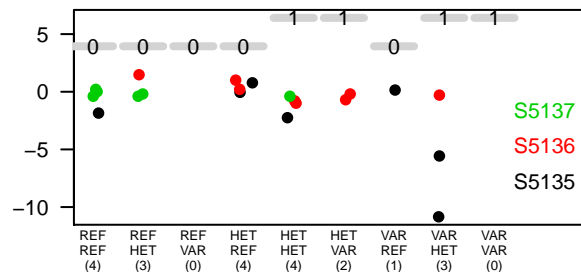
**Alms1 x Vmn1r200
inhibitory**



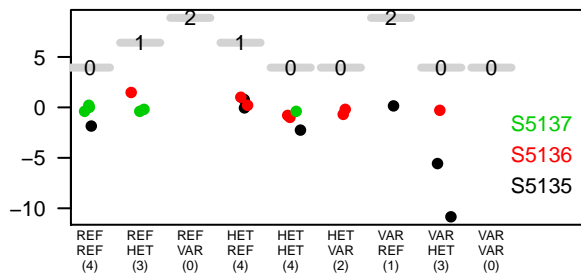
**Alms1 x Cntnap3
additive**



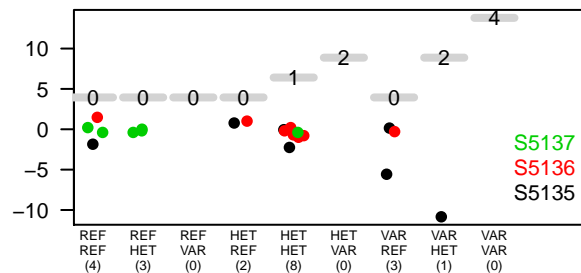
**Alms1 x Cntnap3
dominant**



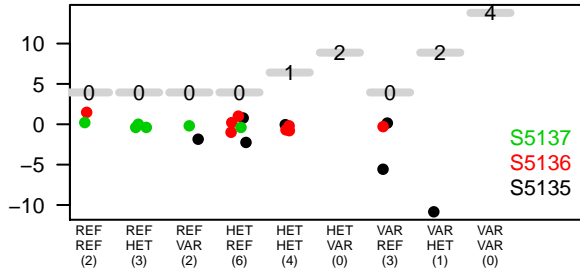
**Alms1 x Cntnap3
inhibitory**



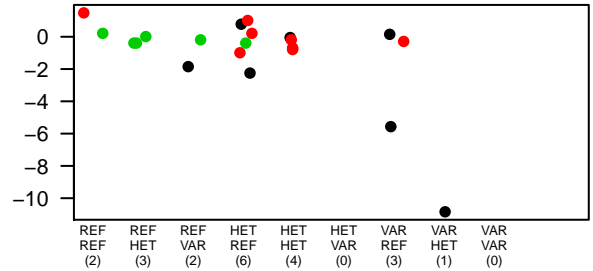
**Alms1 x Naip1
additive**



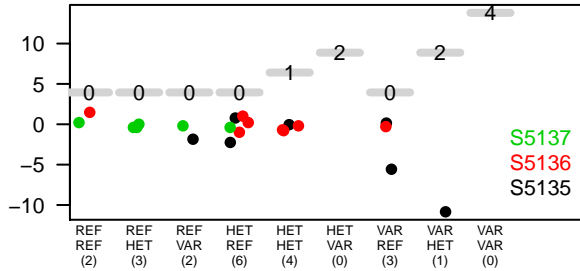
**Alms1 x Psme1
additive**



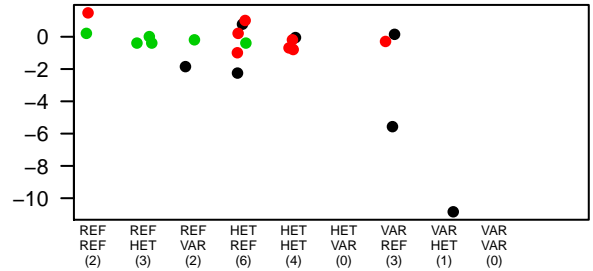
**Alms1 x Psme1
lethal**



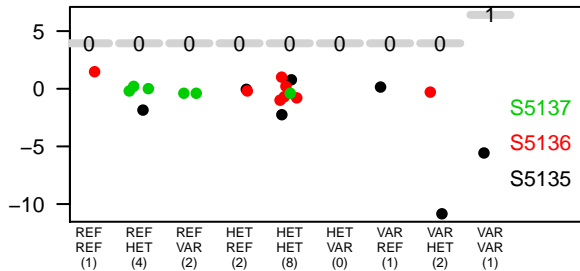
**Alms1 x Dpysl2
additive**



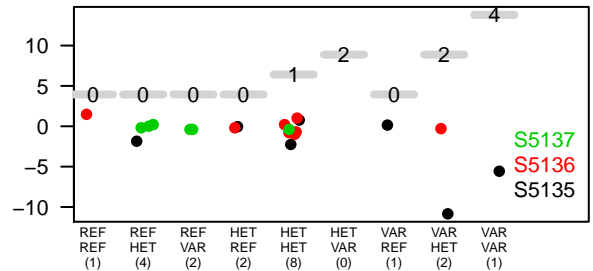
**Alms1 x Dpysl2
lethal**



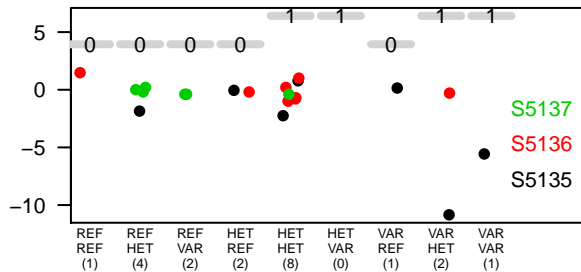
**Alms1 x Prss41
recessive**



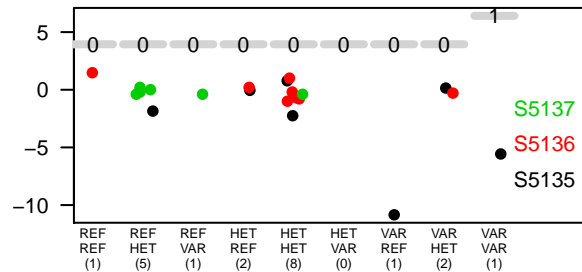
**Alms1 x Prss41
additive**



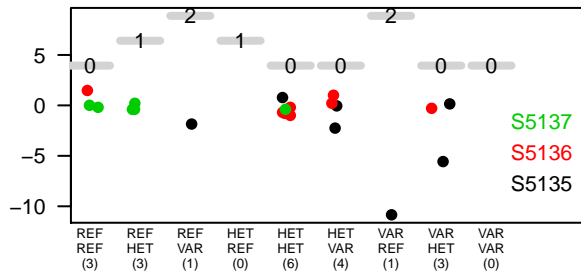
Alms1 x Prss41
dominant



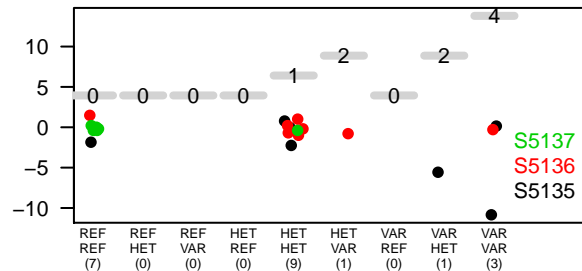
Alms1 x Col11a2
recessive



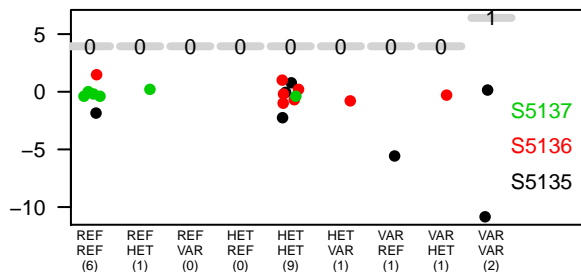
Alms1 x Olfr1475
inhibitory



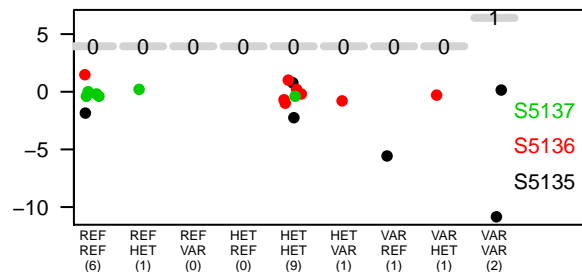
Tprkb x Zfp9
additive



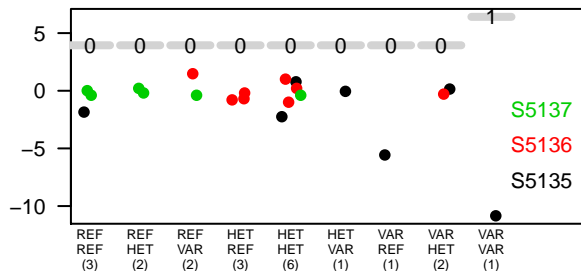
Tprkb x Fkbp4
recessive



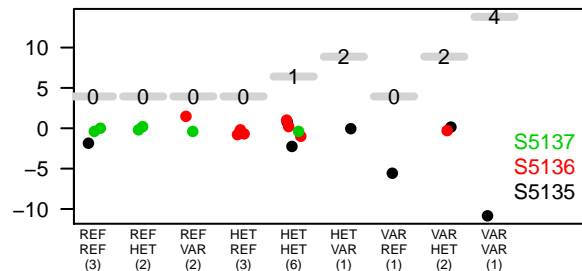
Tprkb x Clec12a
recessive



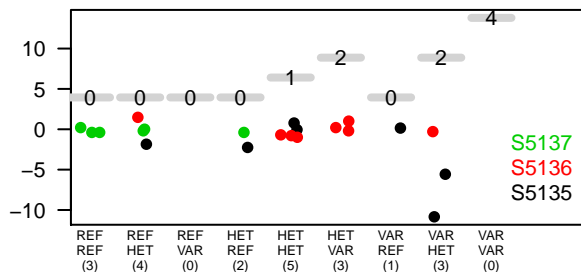
Tprkb x Tmtc1
recessive



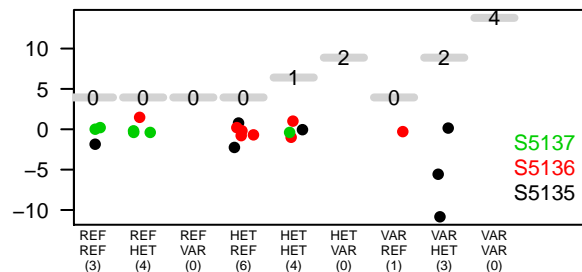
Tprkb x Tmtc1
additive



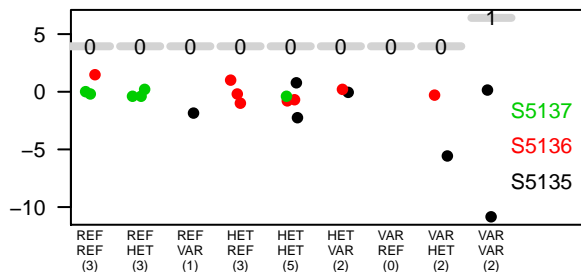
Tprkb x St5
additive



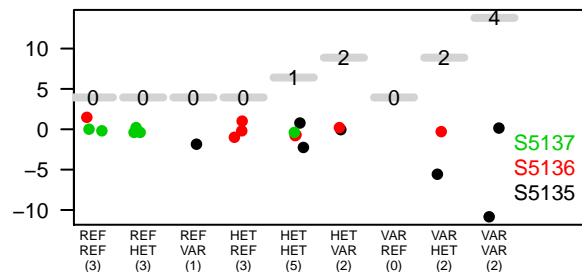
Tprkb x Ntprc
additive



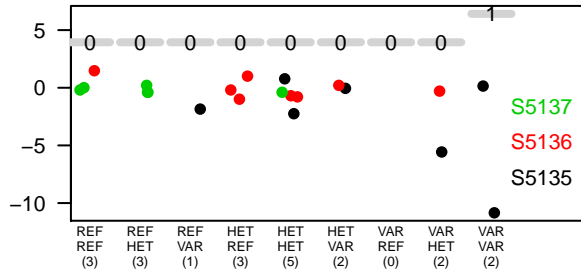
Tprkb x Dpy19l2
recessive



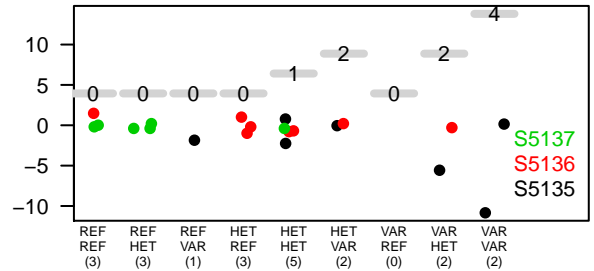
Tprkb x Dpy19l2
additive



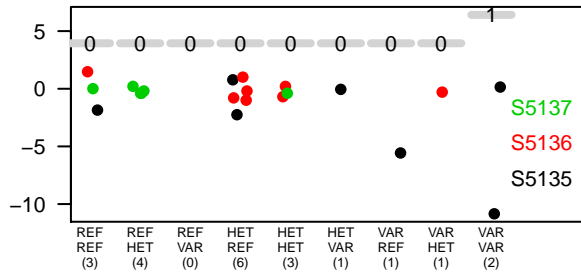
Tprkb x Ncapd3
recessive



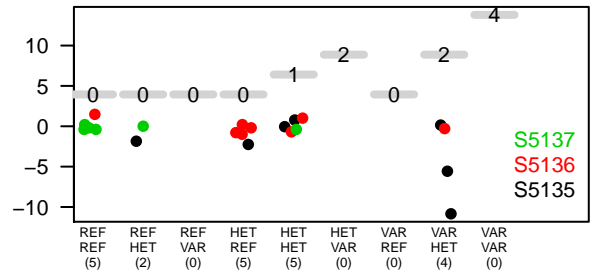
Tprkb x Ncapd3
additive



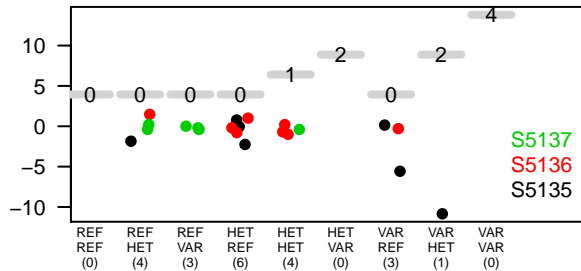
Tprkb x Mpzl2
recessive



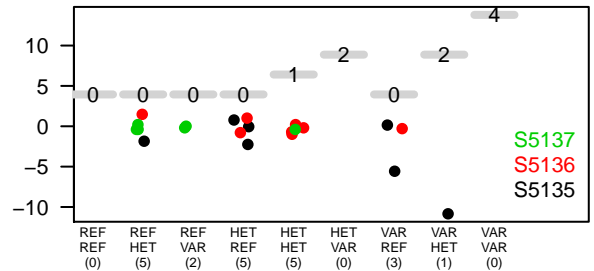
Tprkb x Ptpqr
additive



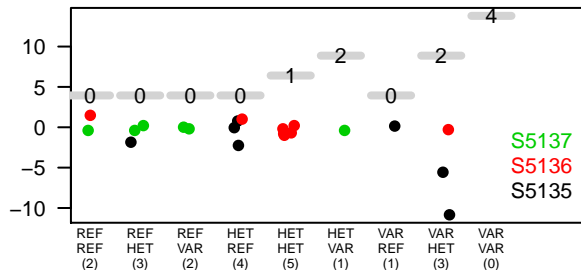
Tprkb x Osbp2
additive



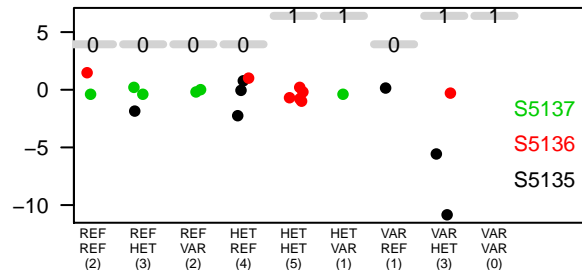
Tprkb x Abca13
additive



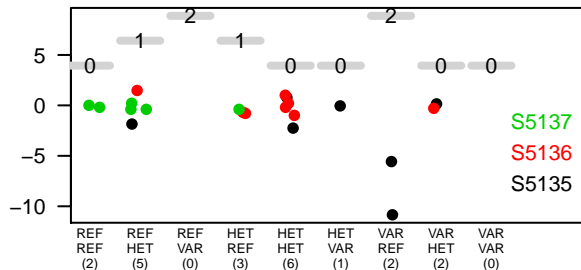
Tprkb x Adams2
additive



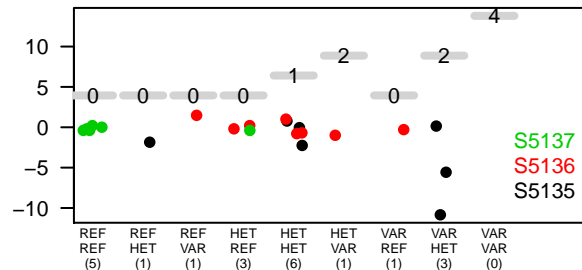
Tprkb x Adams2
dominant



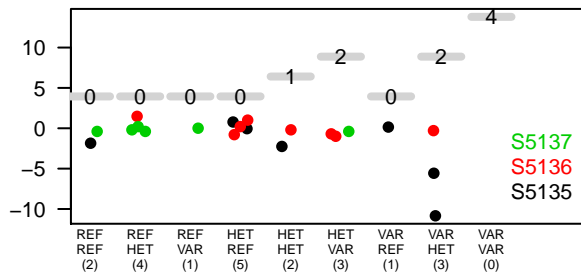
Tprkb x Hic1
inhibitory



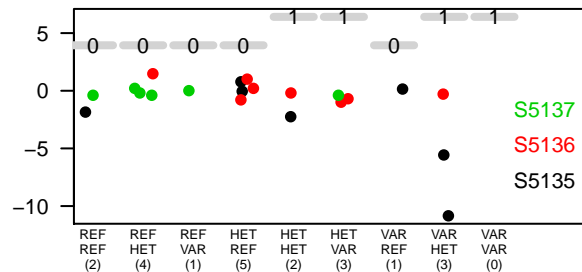
Tprkb x Itgb1bp1
additive



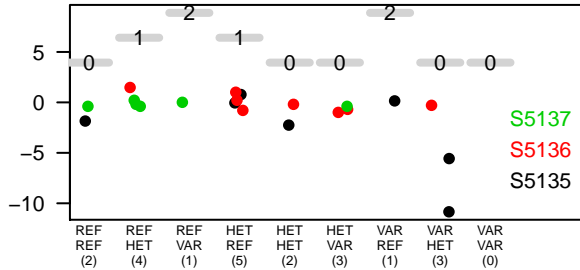
Tprkb x Vmn1r200
additive



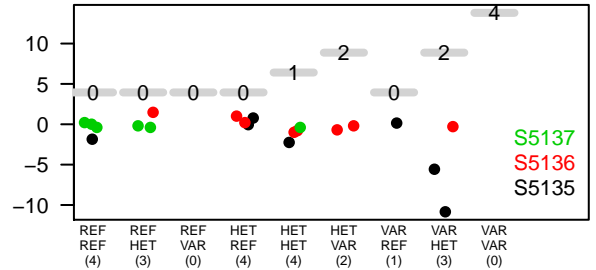
Tprkb x Vmn1r200
dominant



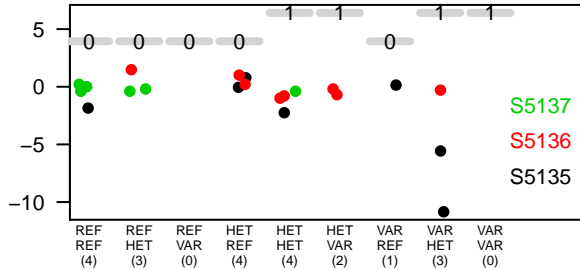
Tprkb x Vmn1r200
inhibitory



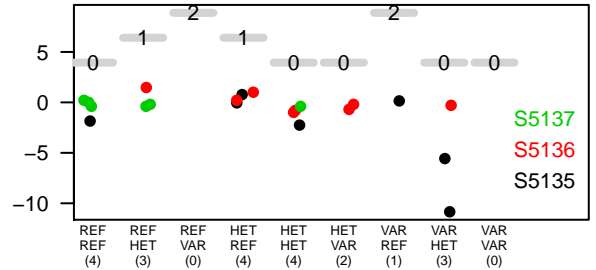
Tprkb x Cntnap3
additive



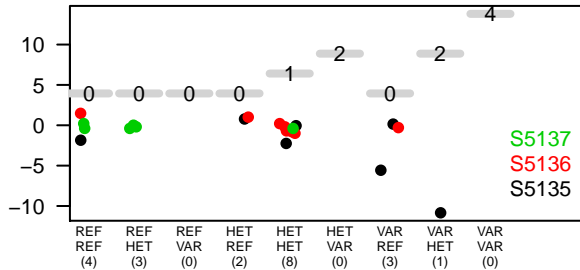
Tprkb x Cntnap3
dominant



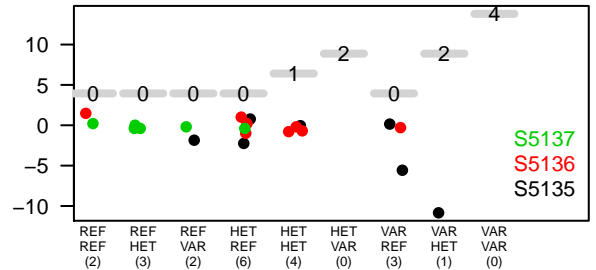
Tprkb x Cntnap3
inhibitory



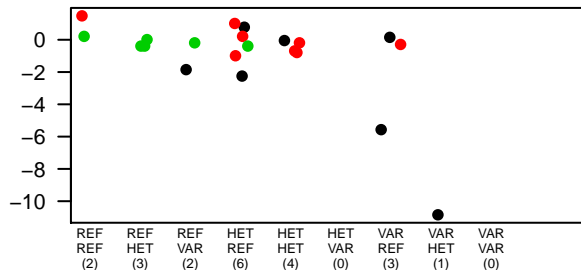
Tprkb x Naip1
additive



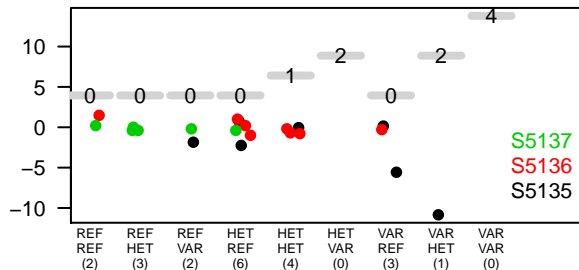
Tprkb x Psme1
additive



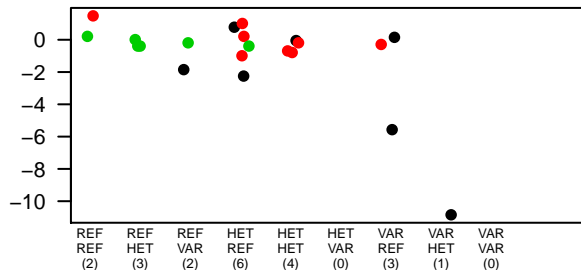
Tprkb x Psme1
lethal



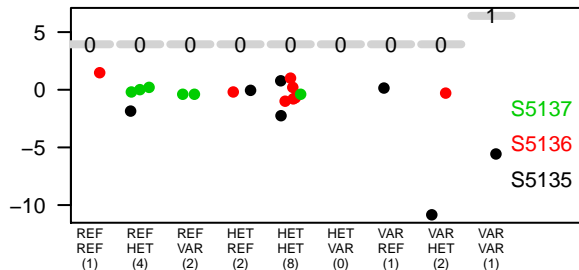
Tprkb x Dpysl2
additive



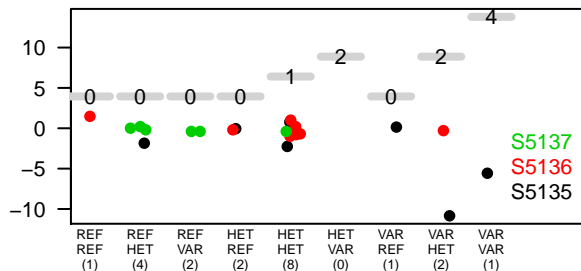
Tprkb x Dpysl2
lethal



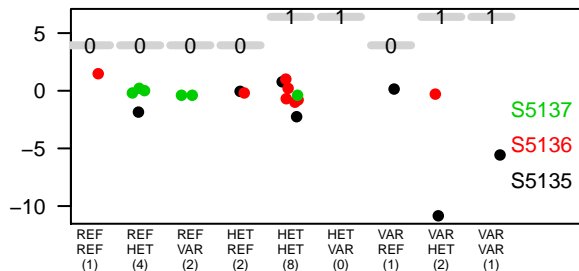
Tprkb x Prss41
recessive



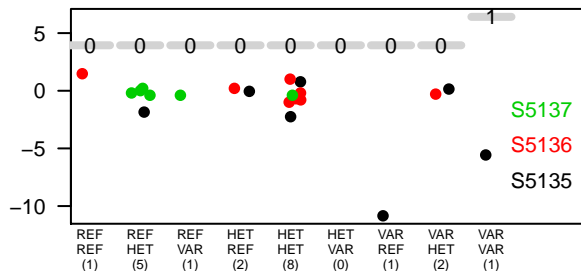
Tprkb x Prss41
additive



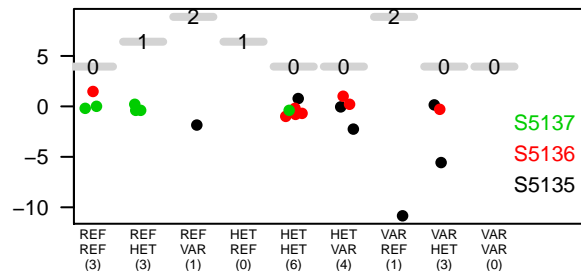
Tprkb x Prss41
dominant



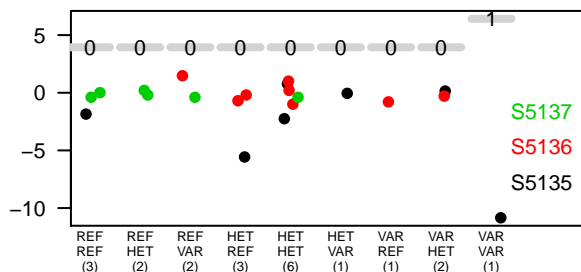
Tprkb x Col11a2
recessive



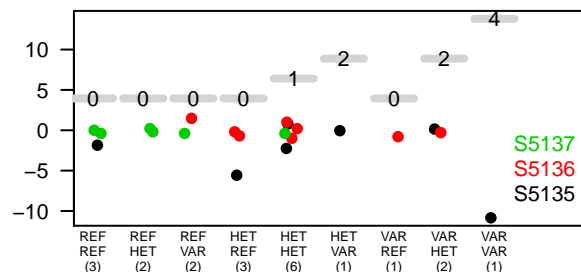
Tprkb x Olfr1475
inhibitory



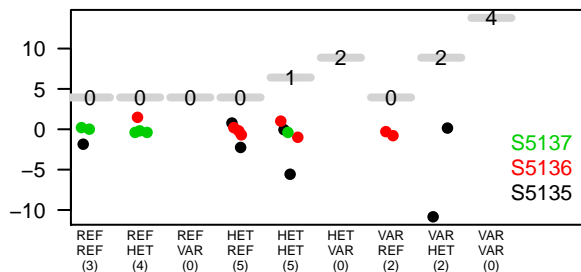
Zfp9 x Tmtc1
recessive



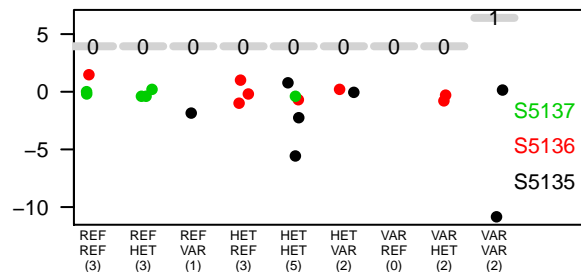
Zfp9 x Tmtc1
additive



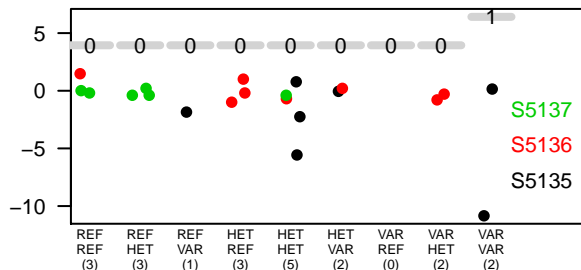
Zfp9 x Ntpr
additive



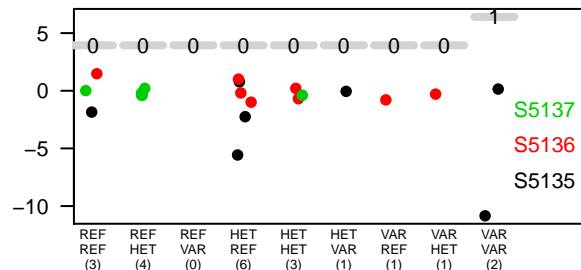
Zfp9 x Dpy19l2
recessive



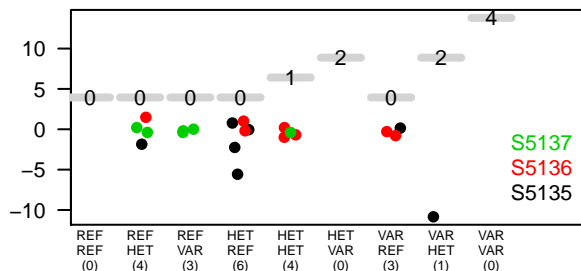
Zfp9 x Ncapd3
recessive



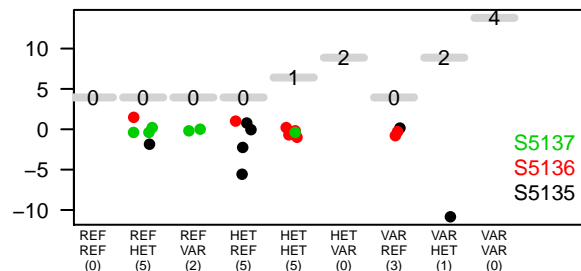
Zfp9 x Mpzl2
recessive



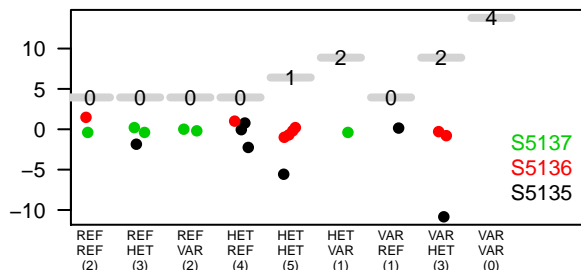
Zfp9 x Osbp2
additive



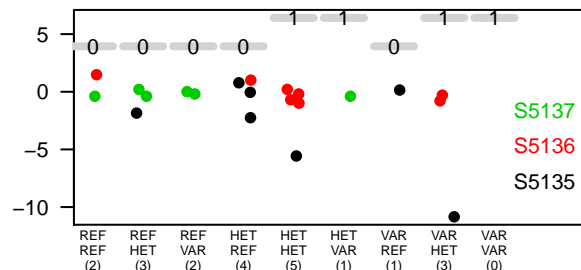
Zfp9 x Abca13
additive



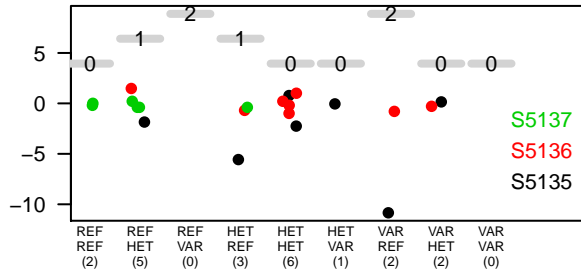
Zfp9 x Adamts2
additive



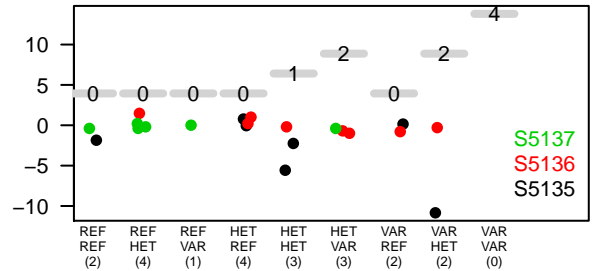
Zfp9 x Adamts2
dominant



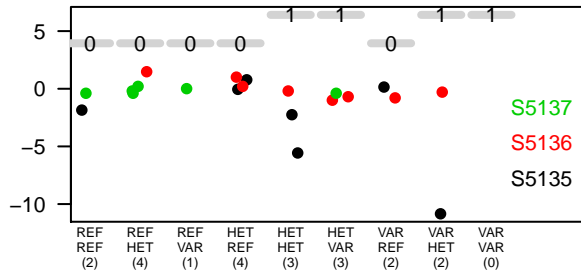
Zfp9 x Hic1
inhibitory



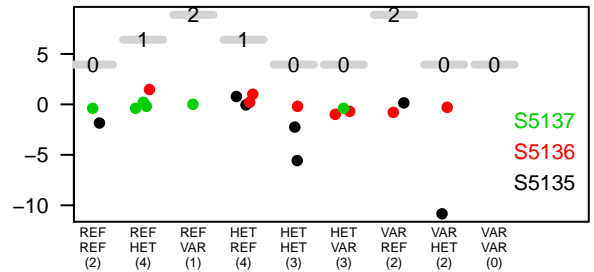
Zfp9 x Vmn1r200
additive



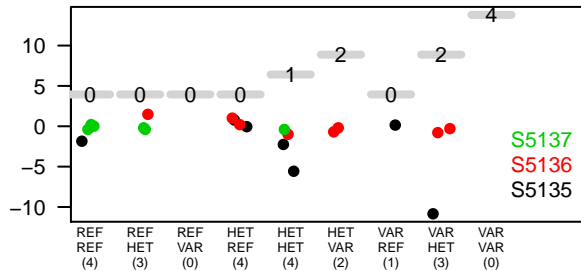
Zfp9 x Vmn1r200
dominant



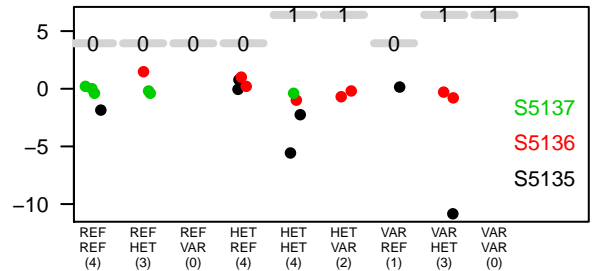
Zfp9 x Vmn1r200
inhibitory



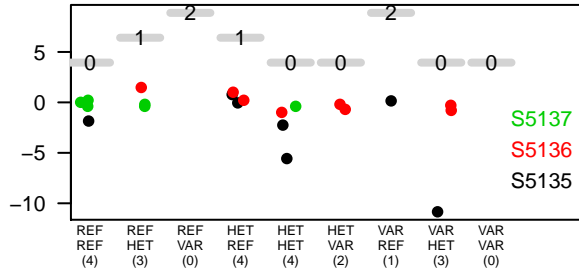
Zfp9 x Cntnap3
additive



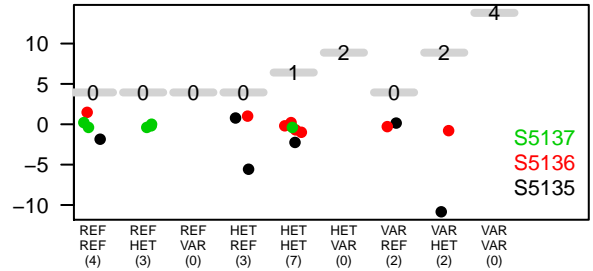
Zfp9 x Cntnap3
dominant



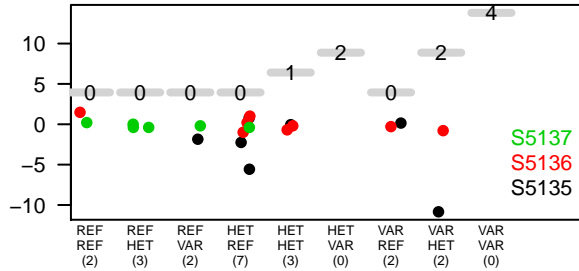
Zfp9 x Cntnap3
inhibitory



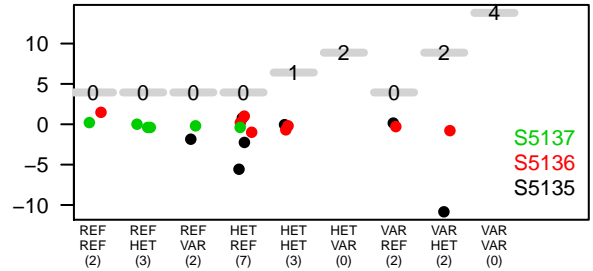
Zfp9 x Naip1
additive



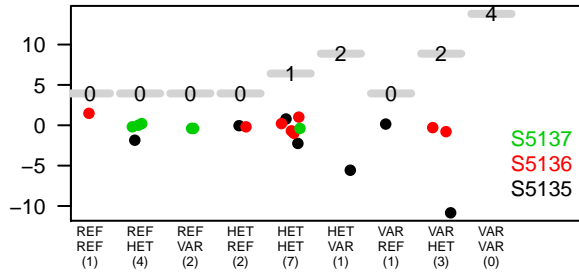
Zfp9 x Psme1
additive



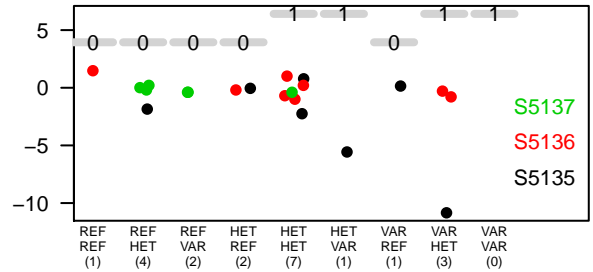
Zfp9 x Dpysl2
additive



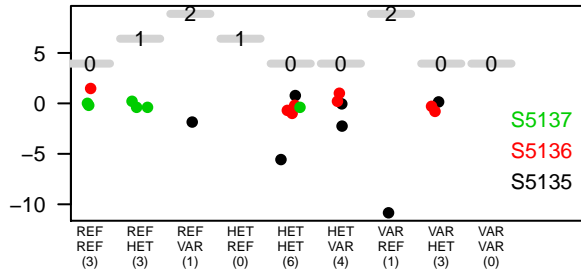
Zfp9 x Prss41
additive



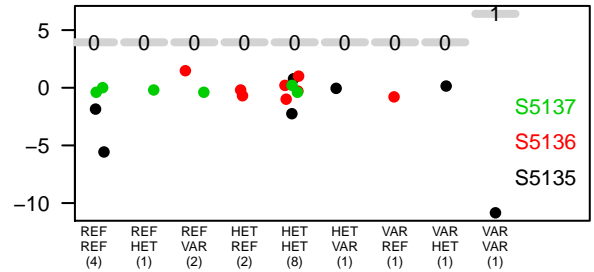
Zfp9 x Prss41
dominant



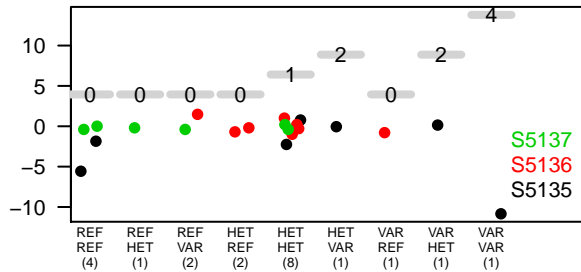
Zfp9 x Olfr1475
inhibitory



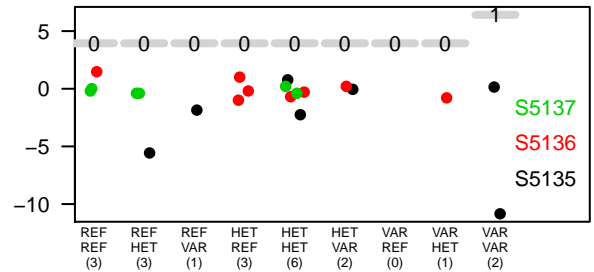
Fkbp4 x Tmtc1
recessive



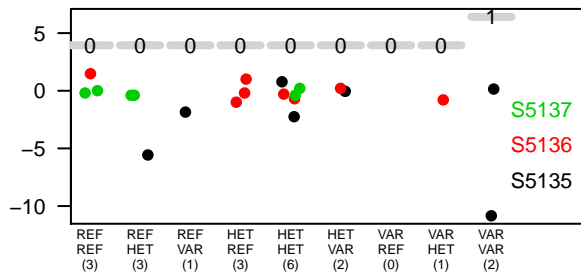
Fkbp4 x Tmtc1
additive



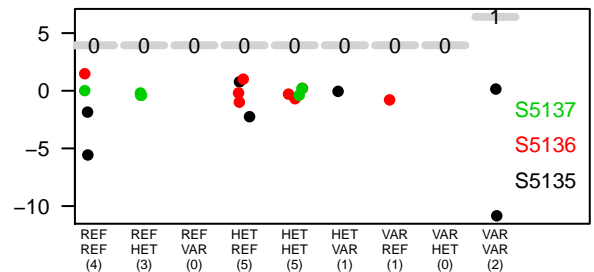
Fkbp4 x Dpy19l2
recessive



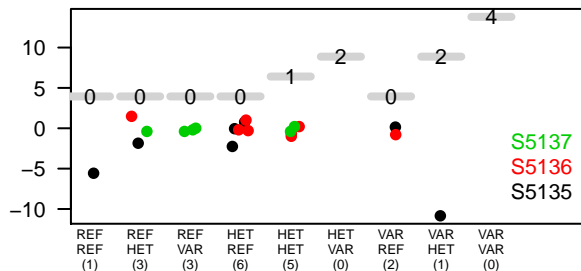
Fkbp4 x Ncapd3
recessive



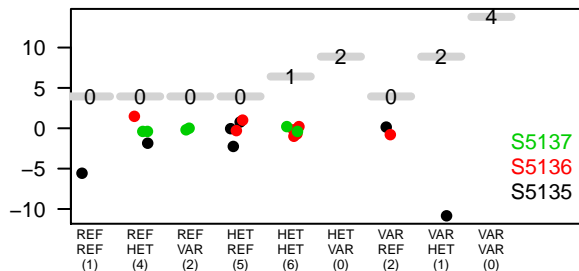
Fkbp4 x Mpzl2
recessive



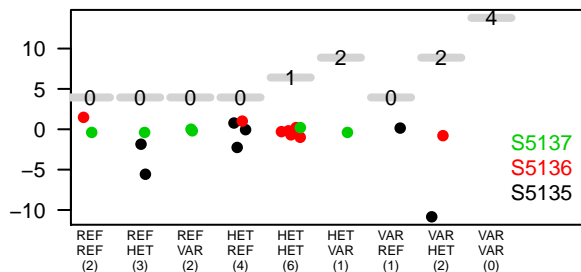
Fkbp4 x Osbp2
additive



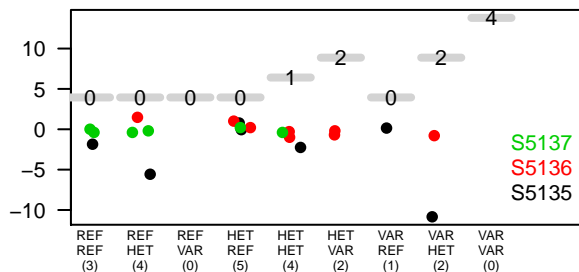
Fkbp4 x Abca13
additive



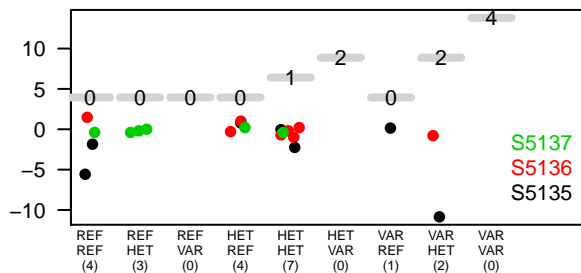
Fkbp4 x Adams2
additive



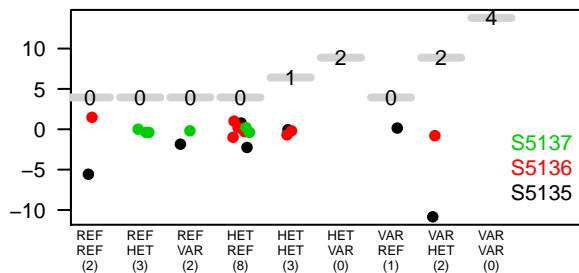
Fkbp4 x Cntnap3
additive



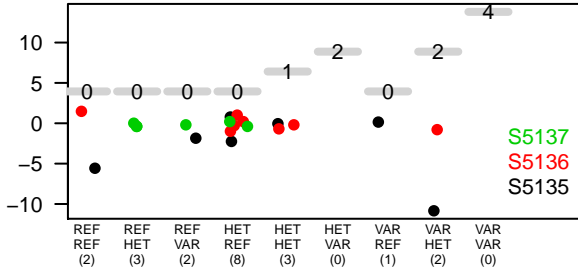
Fkbp4 x Naip1
additive



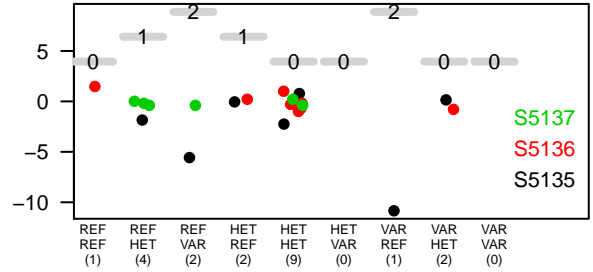
Fkbp4 x Psme1
additive



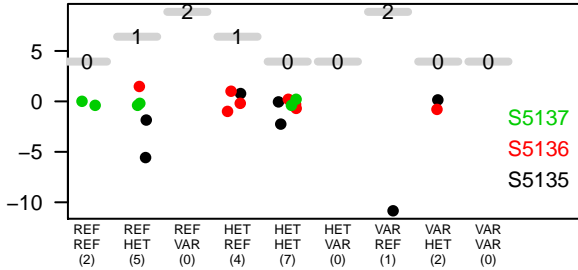
Fkbp4 x Dpysl2
additive



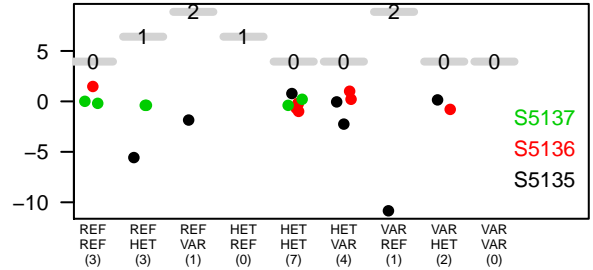
Fkbp4 x Col11a2
inhibitory



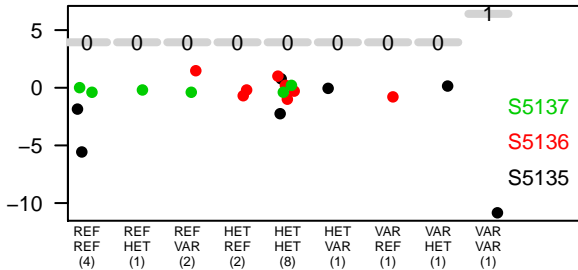
Fkbp4 x Spink10
inhibitory



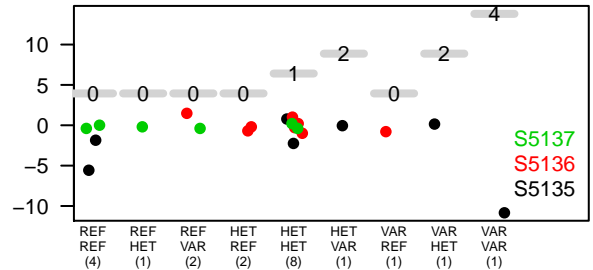
Fkbp4 x Olfr1475
inhibitory



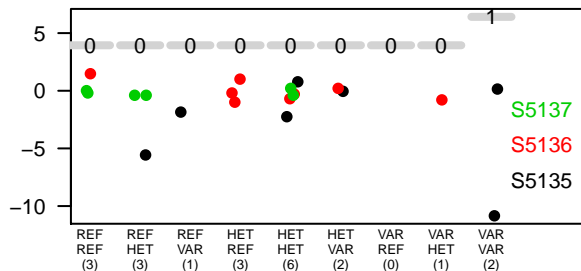
Clec12a x Tmtc1
recessive



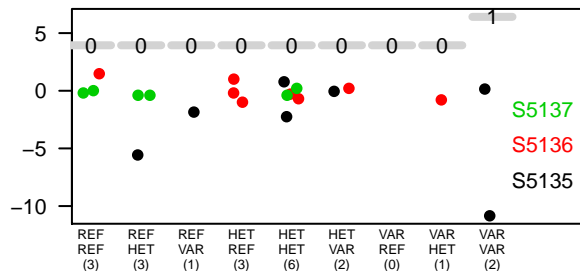
Clec12a x Tmtc1
additive



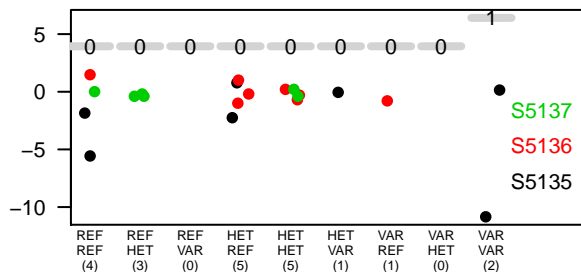
Clec12a x Dpy19l2
recessive



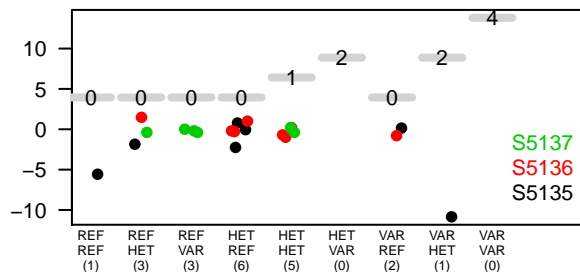
Clec12a x Ncapd3
recessive



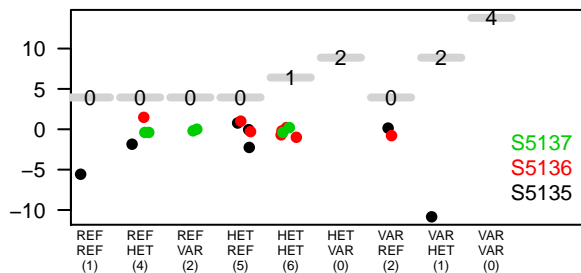
Clec12a x Mpzl2
recessive



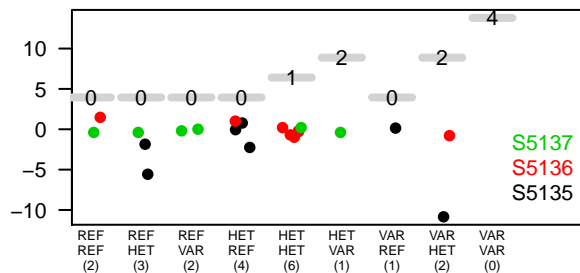
Clec12a x Osbp2
additive



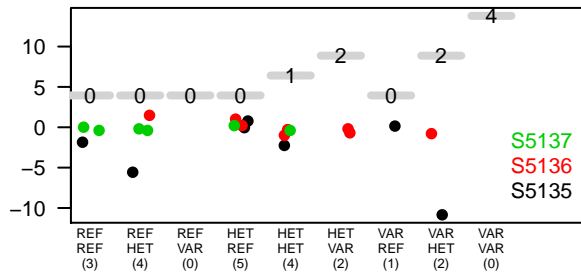
Clec12a x Abca13
additive



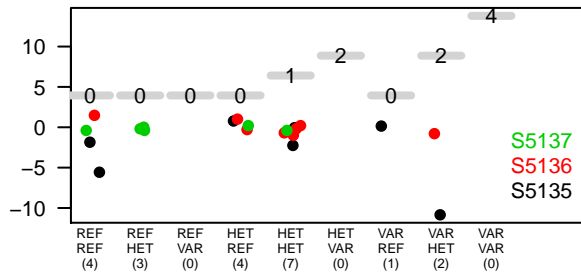
Clec12a x Adams2
additive



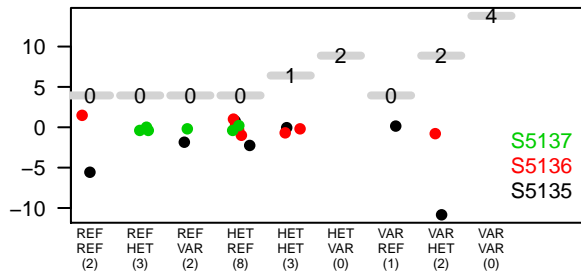
Clec12a x Cntnap3
additive



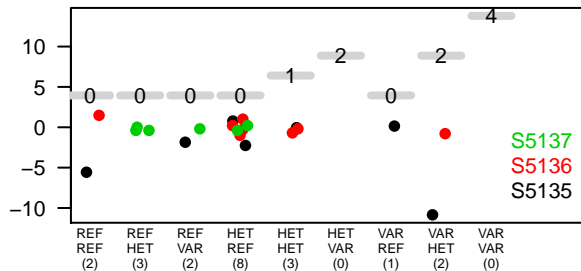
Clec12a x Naip1
additive



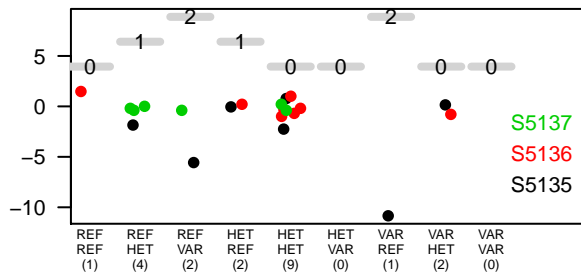
Clec12a x Psme1
additive



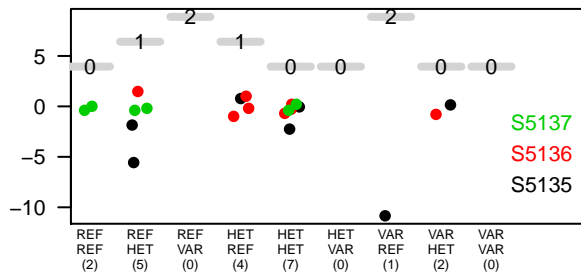
Clec12a x Dpysl2
additive



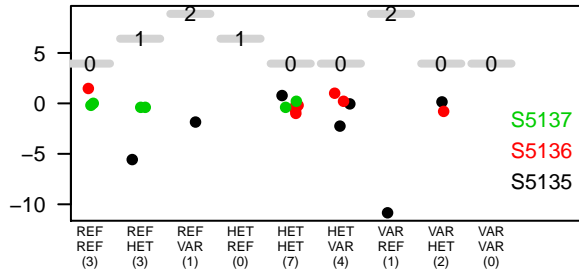
Clec12a x Col11a2
inhibitory



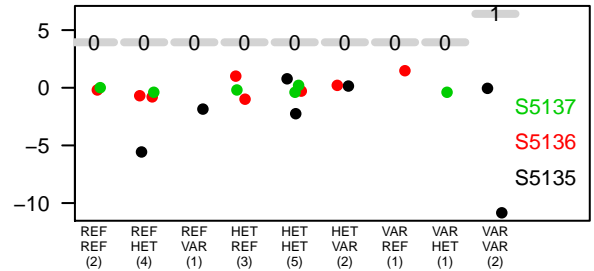
Clec12a x Spink10
inhibitory



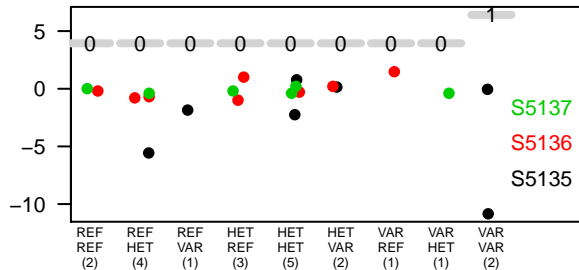
Clec12a x Olfr1475
inhibitory



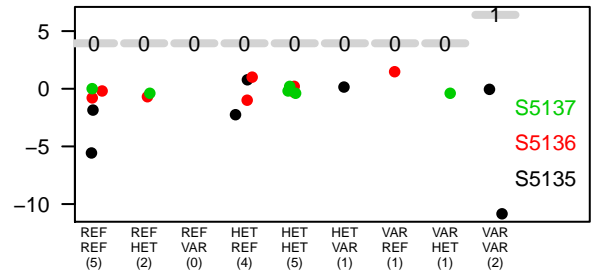
Tmtc1 x Dpy19l2
recessive



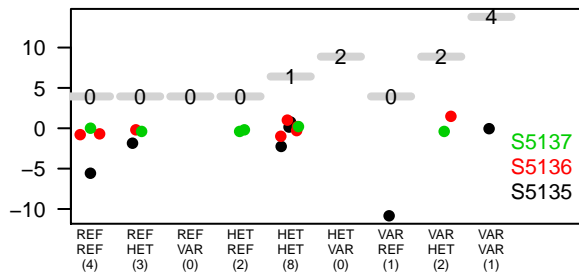
Tmtc1 x Ncapd3
recessive



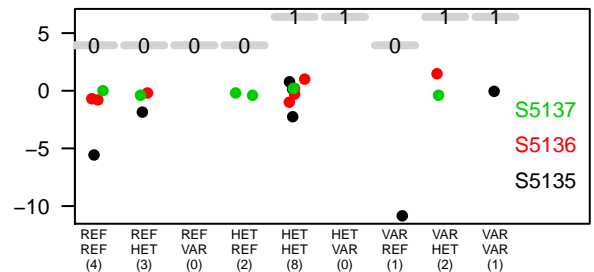
Tmtc1 x Mpzl2
recessive



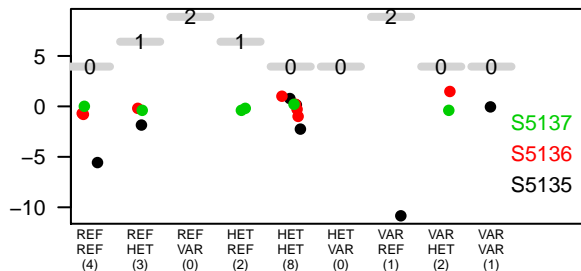
Tmtc1 x Hic1
additive



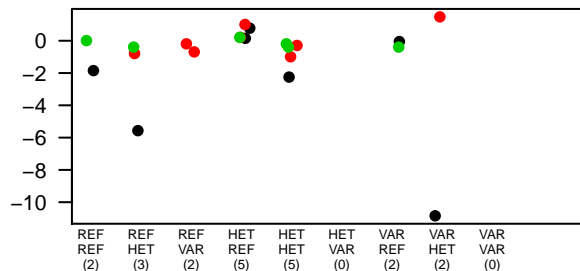
Tmtc1 x Hic1
dominant



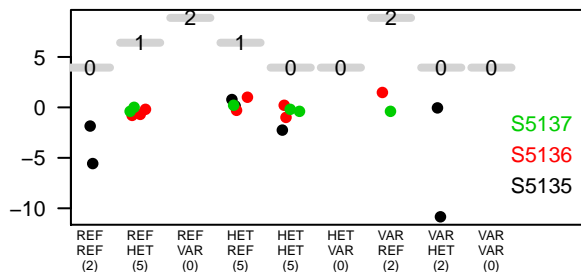
Tmtc1 x Hic1
inhibitory



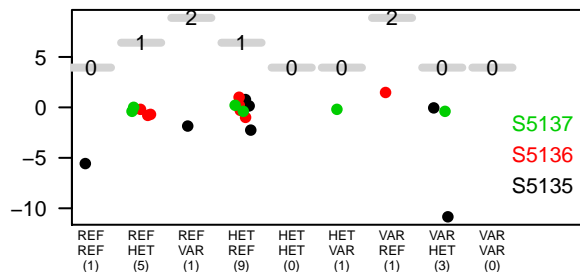
Tmtc1 x Cntnap3
lethal



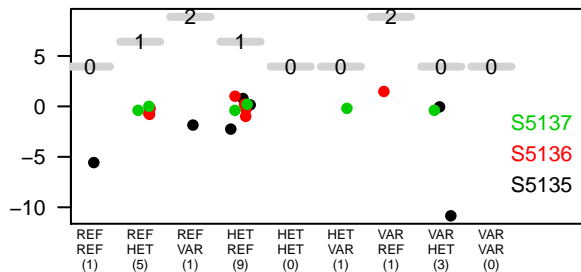
Tmtc1 x Naip1
inhibitory



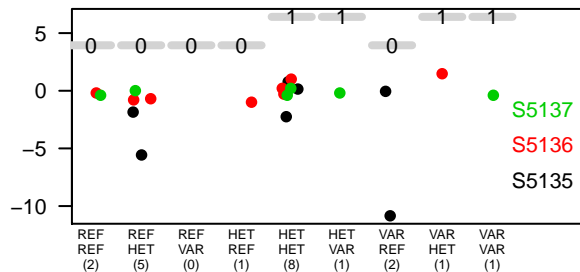
Tmtc1 x Psme1
inhibitory



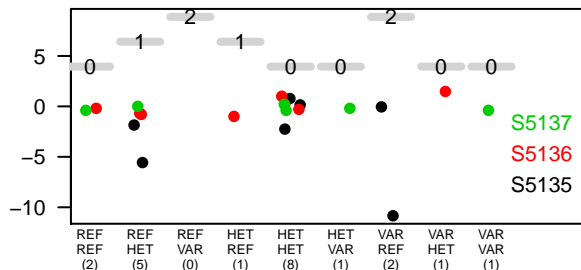
Tmtc1 x Dpysl2
inhibitory



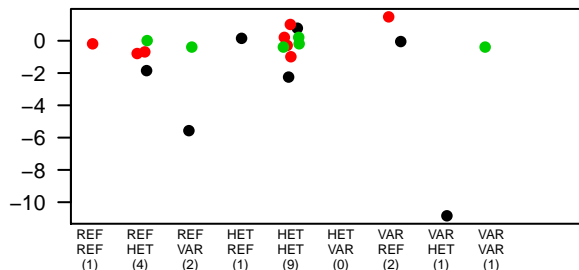
Tmtc1 x Zdhhc8
dominant



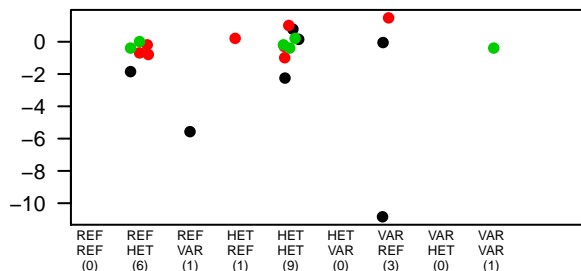
Tmtc1 x Zdhhc8
inhibitory



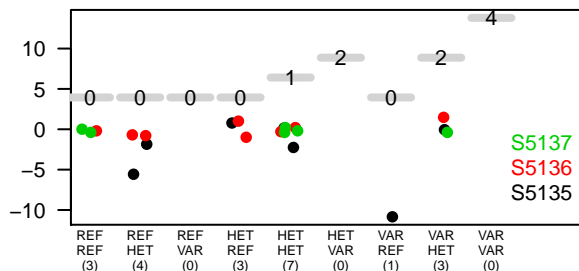
Tmtc1 x Prss41
lethal



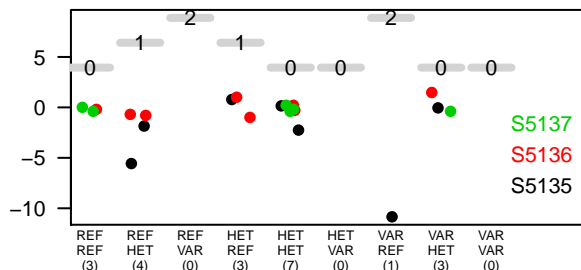
Tmtc1 x Col11a2
lethal



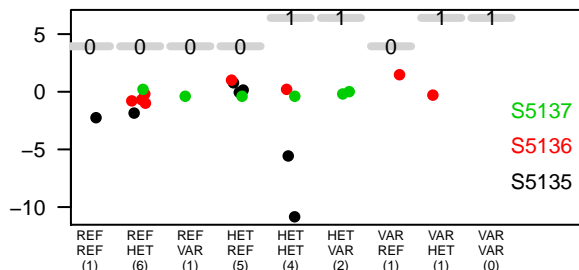
Tmtc1 x Spink10
additive



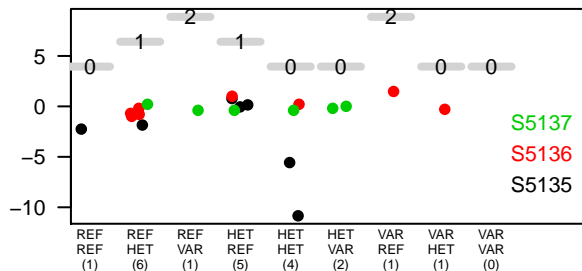
Tmtc1 x Spink10
inhibitory



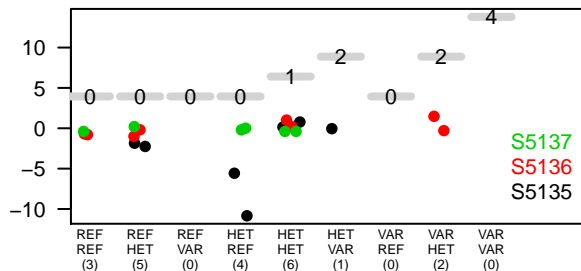
Crxos1 x Adams2
dominant



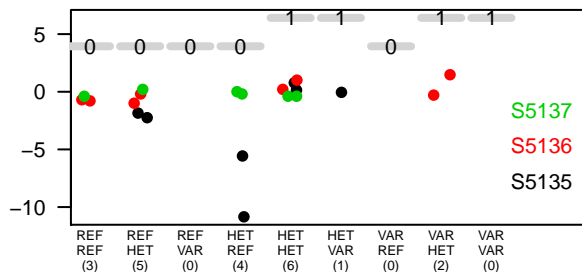
Crxos1 x Adams2
inhibitory



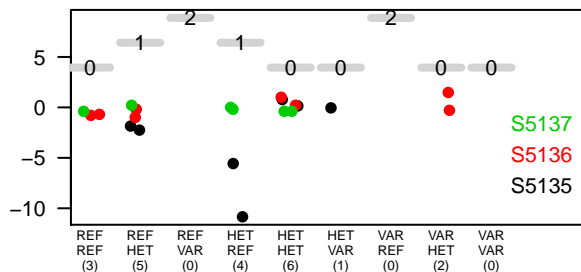
Crxos1 x Hic1
additive



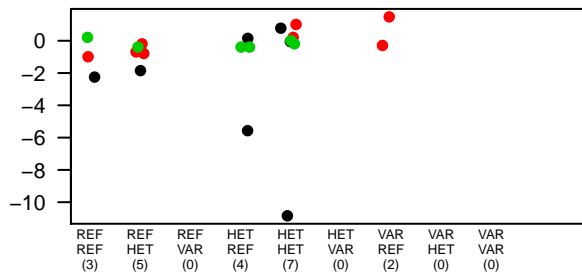
Crxos1 x Hic1
dominant



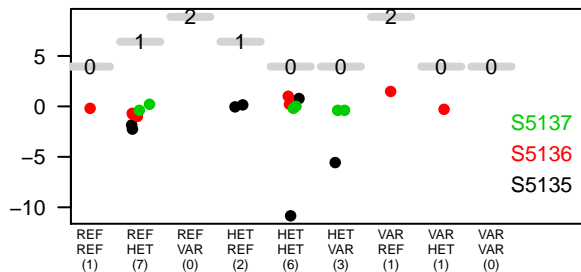
Crxos1 x Hic1
inhibitory



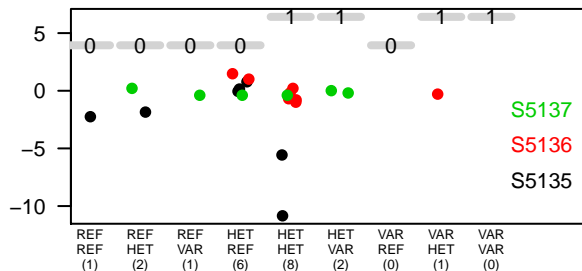
Crxos1 x Plekhm1
lethal



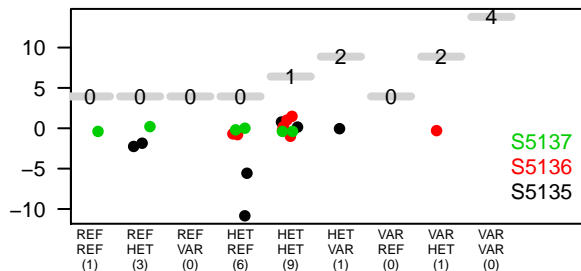
Crxos1 x Prss41
inhibitory



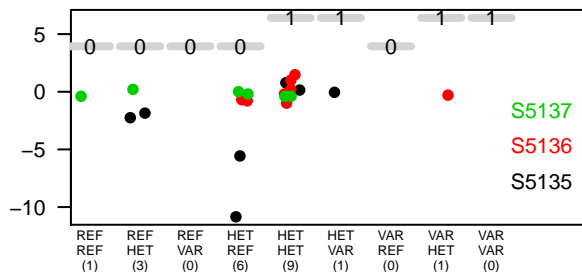
Herc2 x Adamts2
dominant



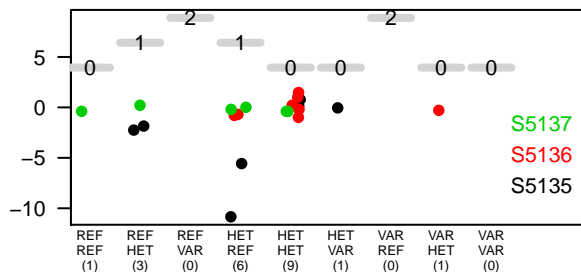
Herc2 x Hic1
additive



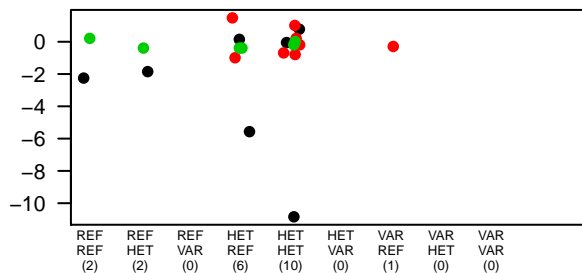
Herc2 x Hic1
dominant



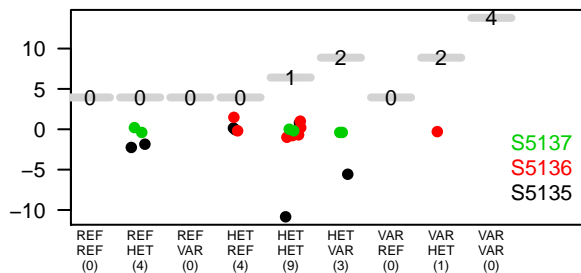
Herc2 x Hic1
inhibitory



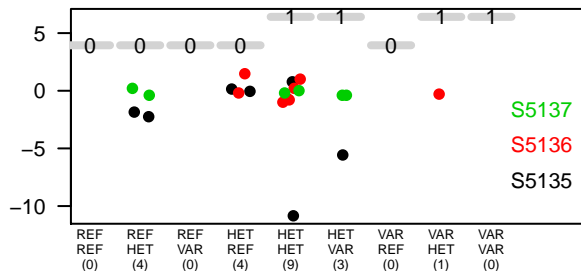
Herc2 x Plekhh1
lethal



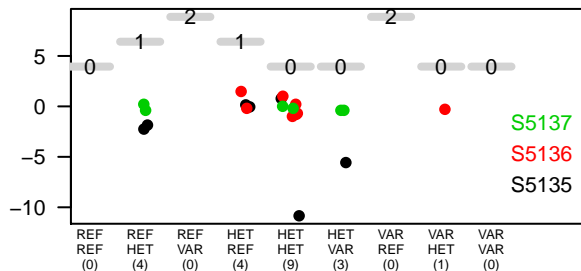
Herc2 x Prss41
additive



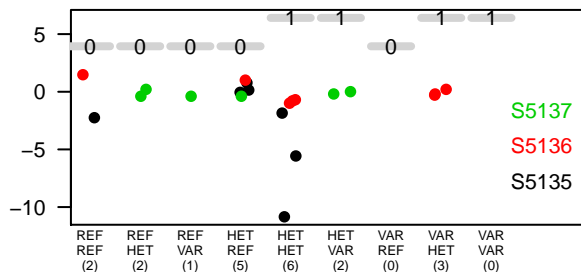
Herc2 x Prss41
dominant



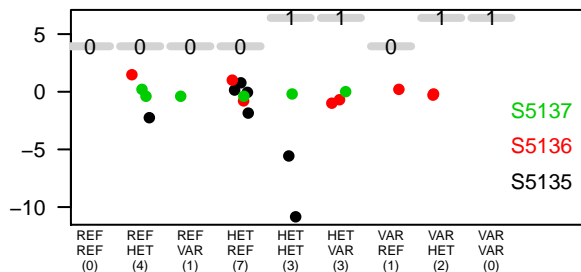
Herc2 x Prss41
inhibitory



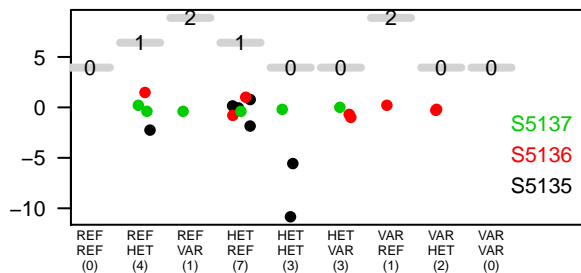
Ttl13 x Adamts2
dominant



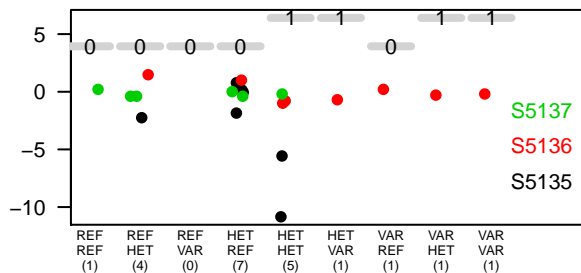
Ttl13 x Vmn1r200
dominant



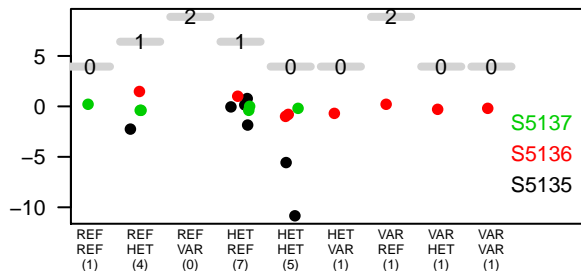
Ttl13 x Vmn1r200
inhibitory



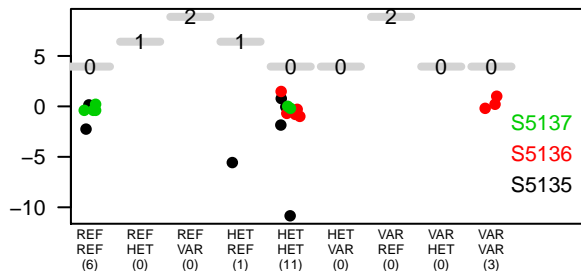
Ttl13 x Cntnap3
dominant



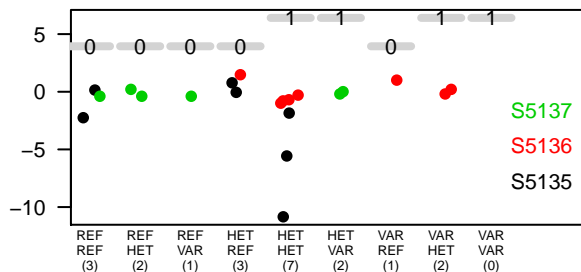
Ttl13 x Cntnap3
inhibitory



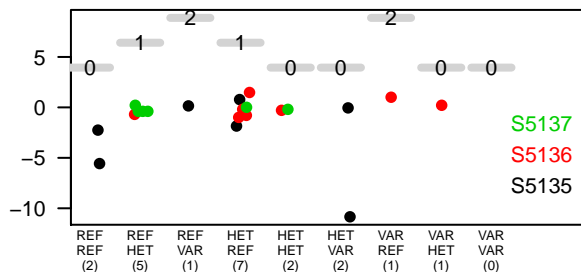
St5 x Acsn1
inhibitory



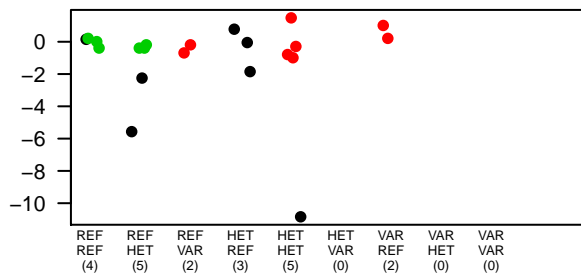
St5 x Adamts2
dominant



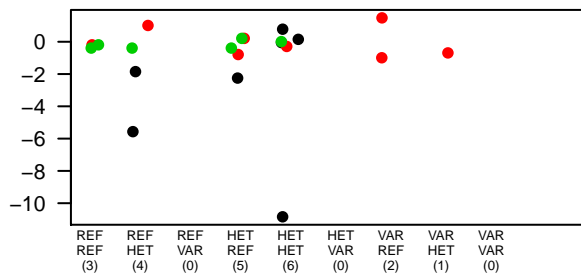
Acadsb x Mpzl2
inhibitory



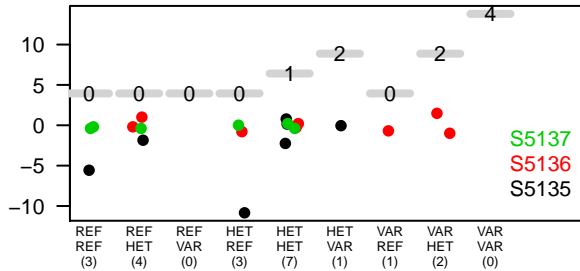
Muc5b x Cntnap3
lethal



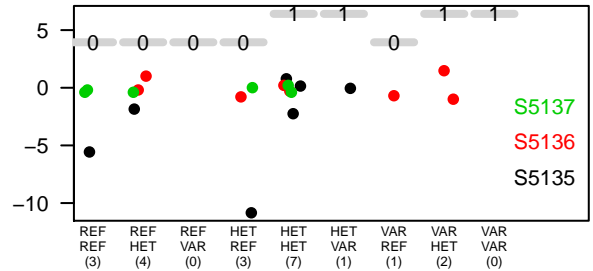
Efha2 x Ptprq
lethal



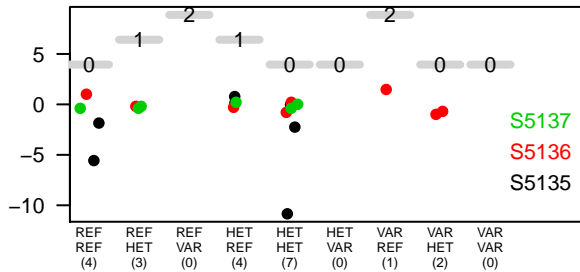
**Efha2 x Hic1
additive**



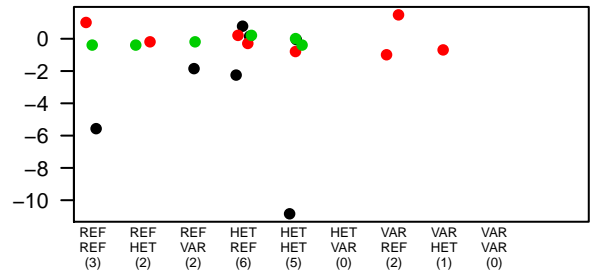
**Efha2 x Hic1
dominant**



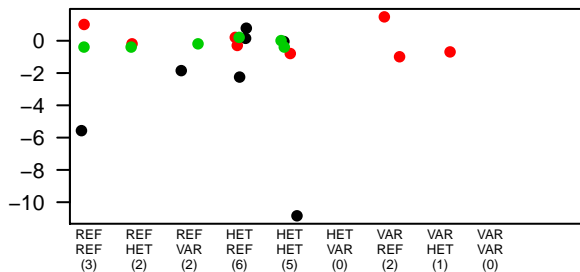
**Efha2 x Naip1
inhibitory**



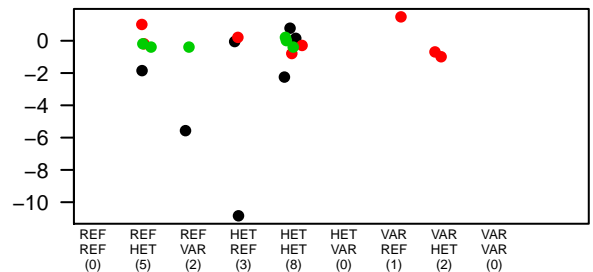
**Efha2 x Psme1
lethal**



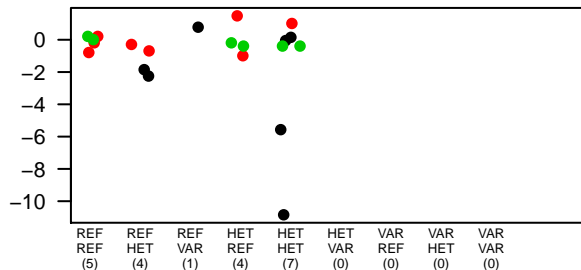
**Efha2 x Dpysl2
lethal**



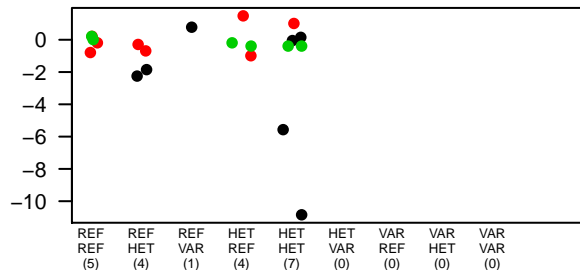
**Efha2 x Col11a2
lethal**



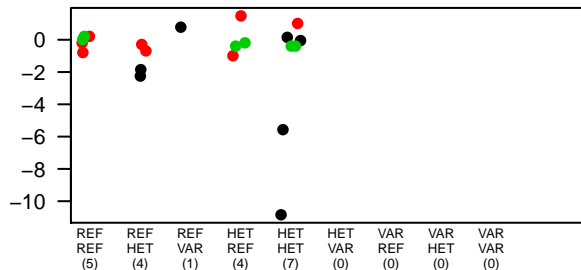
Ntpcr x Mmp11
lethal



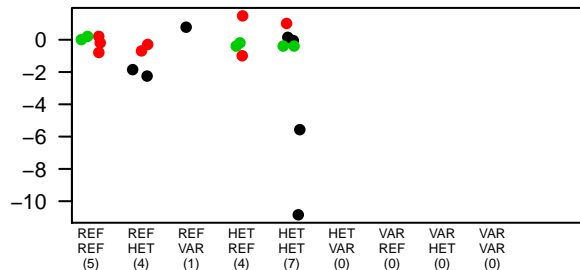
Ntpcr x Ap3d1
lethal



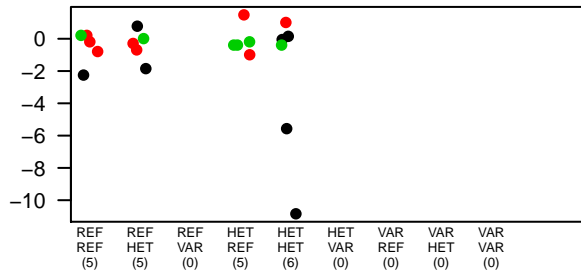
Ntpcr x Ric8b
lethal



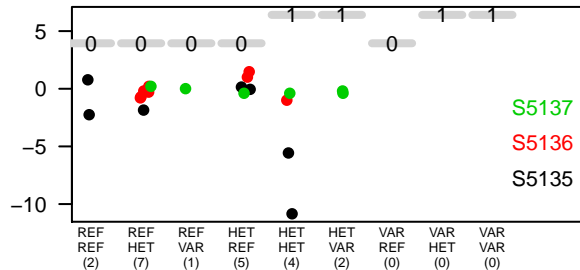
Ntpcr x Utp20
lethal



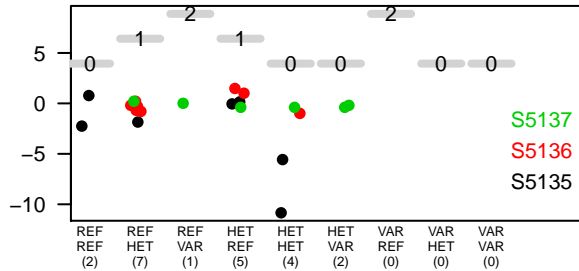
Ntpcr x Ptpqr
lethal



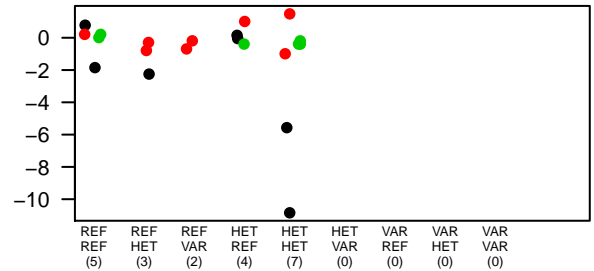
Ntpcr x Adamts2
dominant



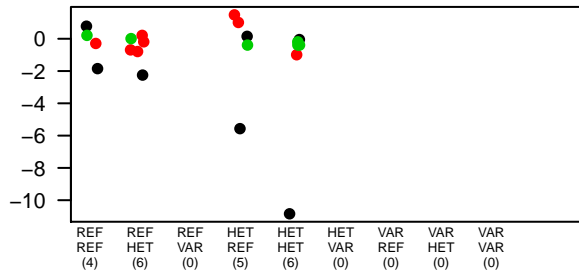
Ntpcr x Adamts2
inhibitory



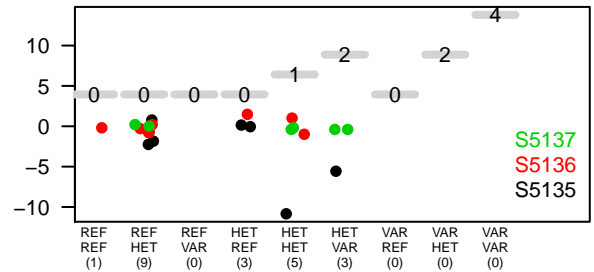
Ntpcr x Cntnap3
lethal



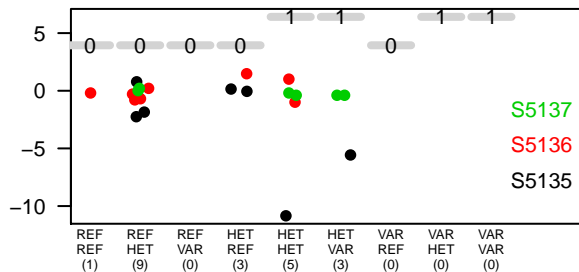
Ntpcr x Naip1
lethal



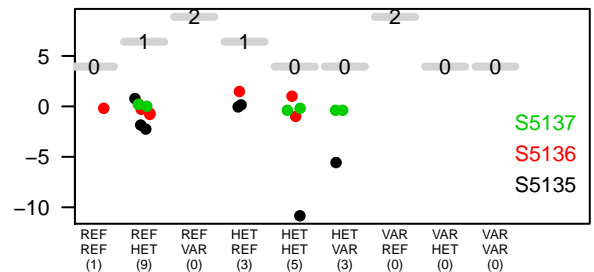
Ntpcr x Prss41
additive



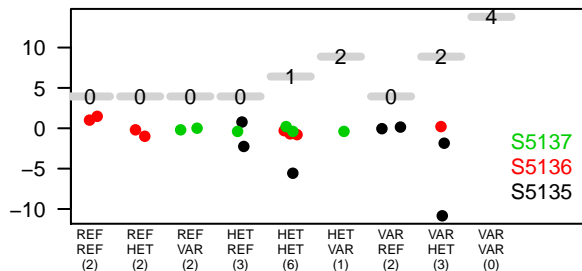
Ntpcr x Prss41
dominant



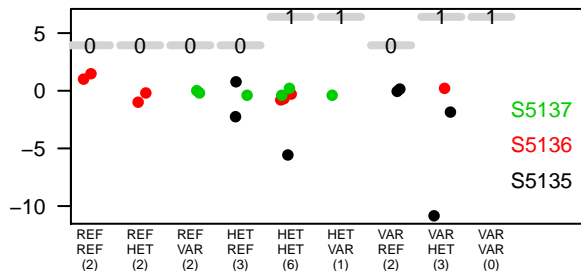
Ntpcr x Prss41
inhibitory



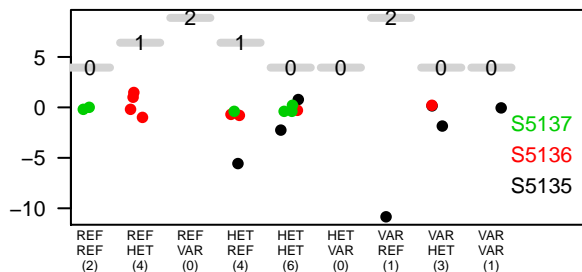
Dpy19l2 x Adams2
additive



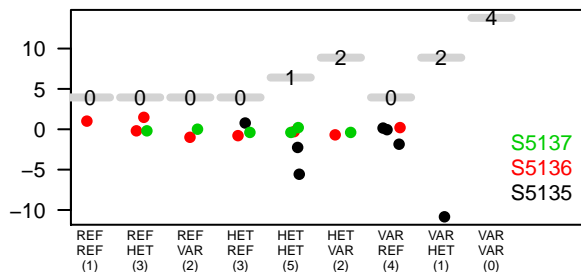
Dpy19l2 x Adams2
dominant



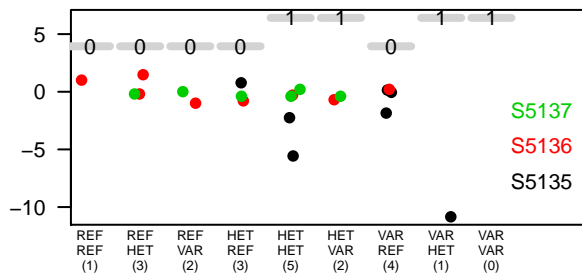
Dpy19l2 x Hic1
inhibitory



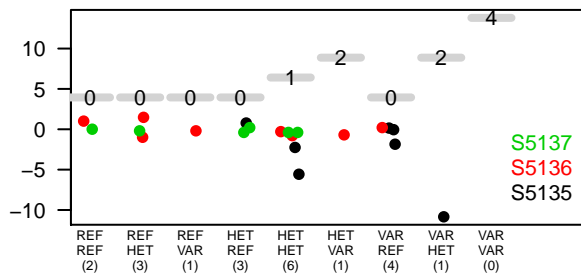
Dpy19l2 x Vmn1r200
additive



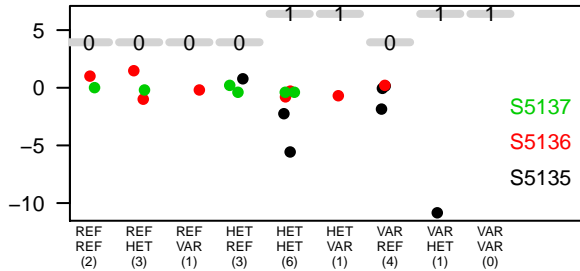
Dpy19l2 x Vmn1r200
dominant



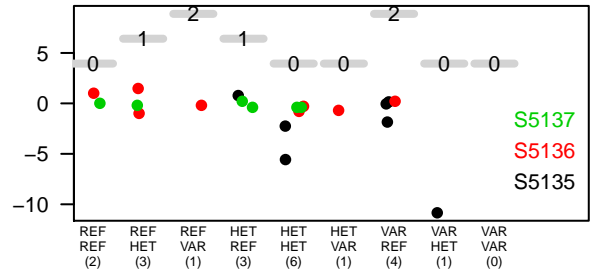
Dpy19l2 x Cntnap3
additive



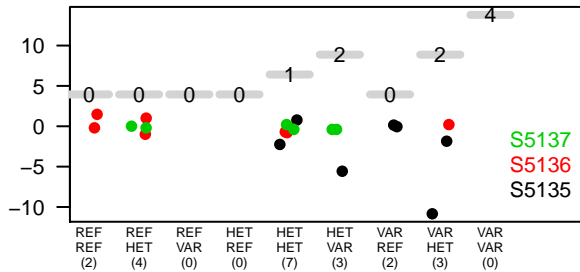
Dpy19l2 x Cntnap3
dominant



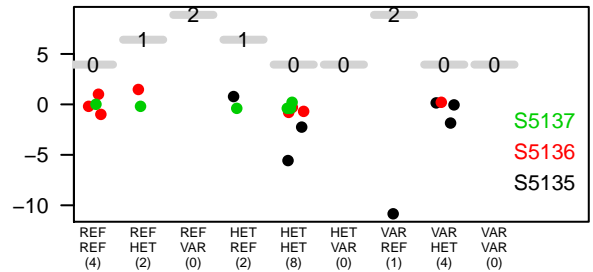
Dpy19l2 x Cntnap3
inhibitory



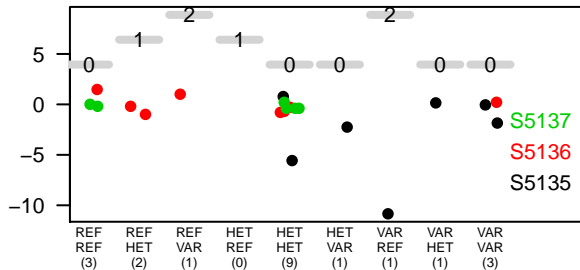
Dpy19l2 x Prss41
additive



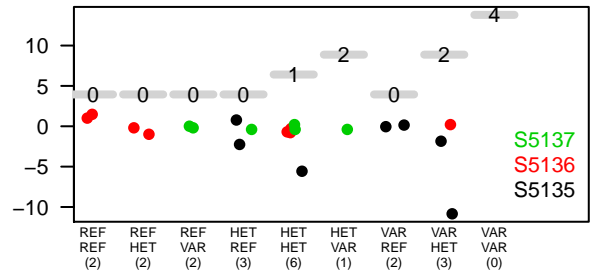
Dpy19l2 x Spink10
inhibitory



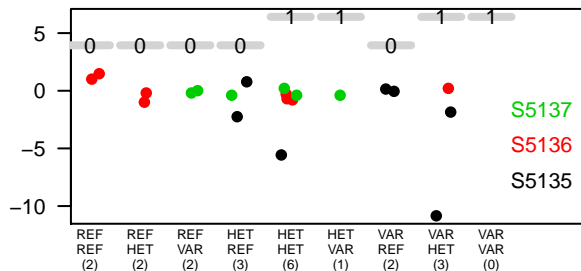
Dpy19l2 x Olfr1475
inhibitory



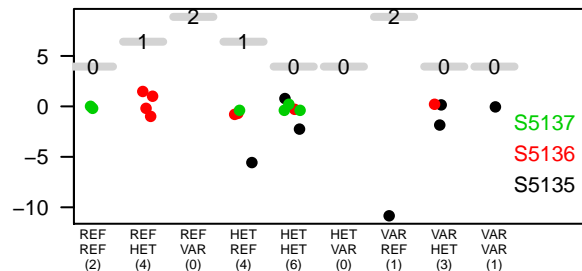
Ncapd3 x Adamts2
additive



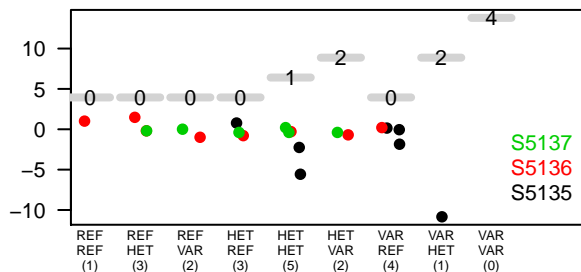
Ncpd3 x Adamts2
dominant



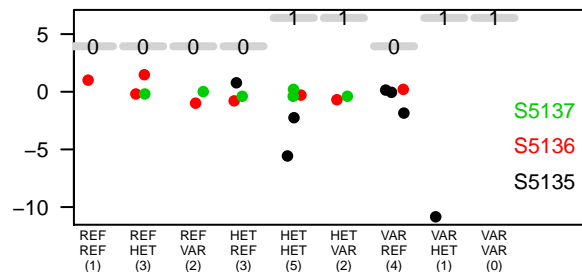
Ncpd3 x Hic1
inhibitory



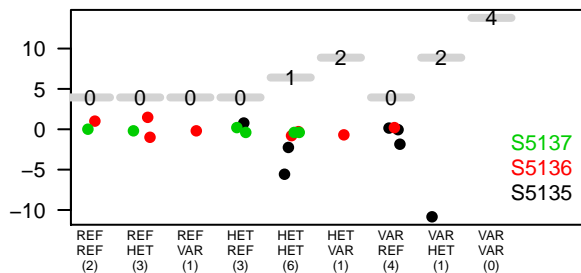
Ncpd3 x Vmn1r200
additive



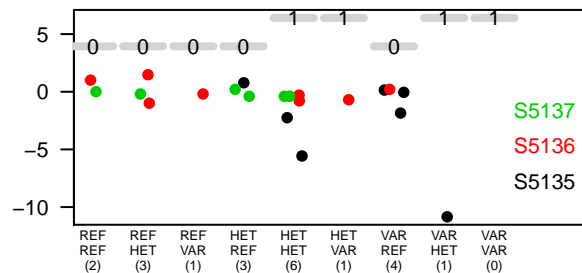
Ncpd3 x Vmn1r200
dominant



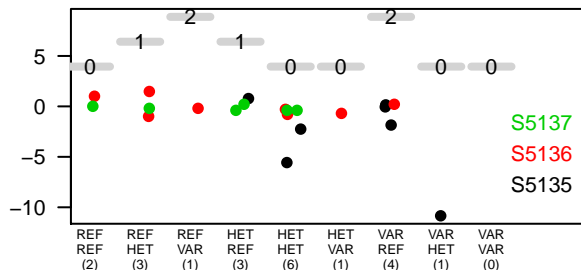
Ncpd3 x Cntnap3
additive



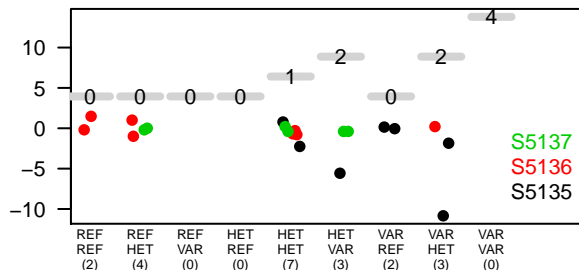
Ncpd3 x Cntnap3
dominant



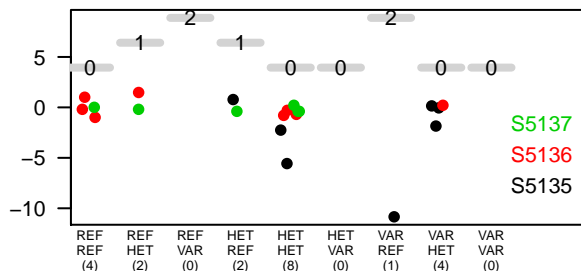
Ncapd3 x Cntnap3
inhibitory



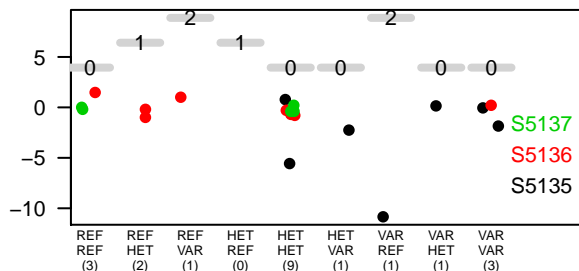
Ncapd3 x Prss41
additive



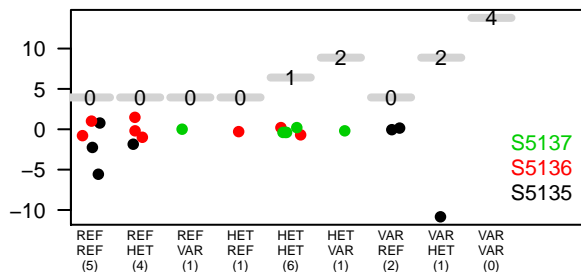
Ncapd3 x Spink10
inhibitory



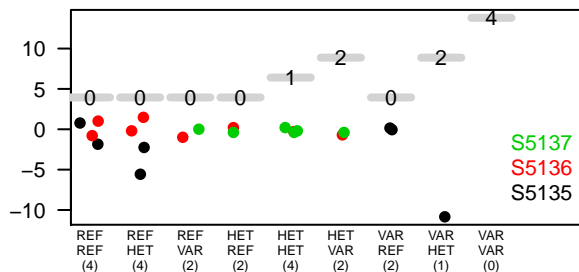
Ncapd3 x Olfr1475
inhibitory



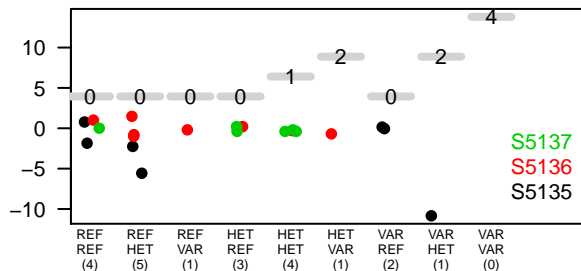
Mpzl2 x Abca13
additive



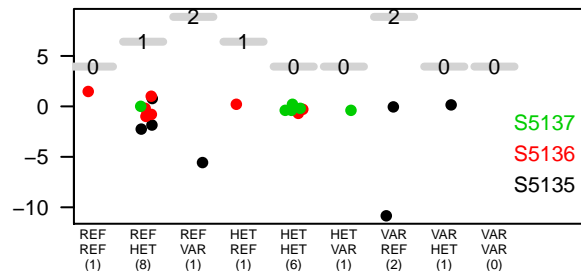
Mpzl2 x Vmn1r200
additive



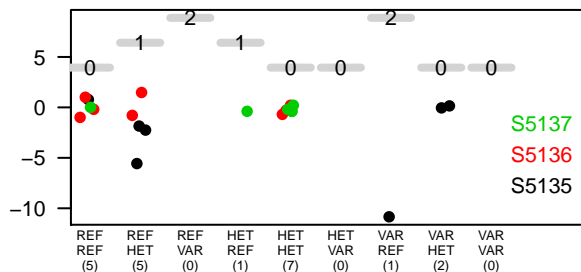
Mpzl2 x Cntnap3
additive



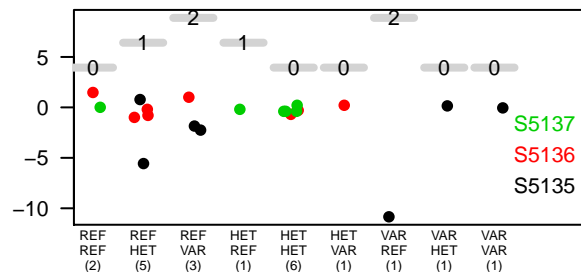
Mpzl2 x Col11a2
inhibitory



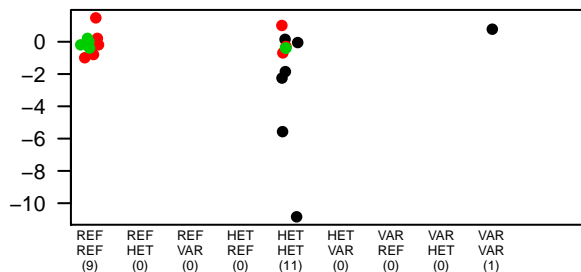
Mpzl2 x Spink10
inhibitory



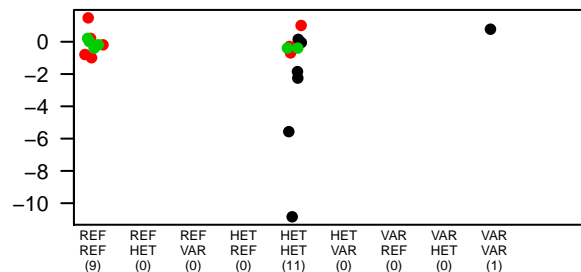
Mpzl2 x Olfr1475
inhibitory



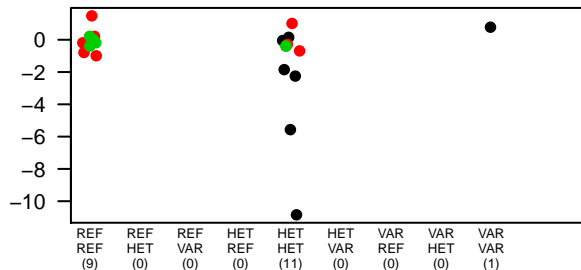
Mmp11 x Ap3d1
lethal



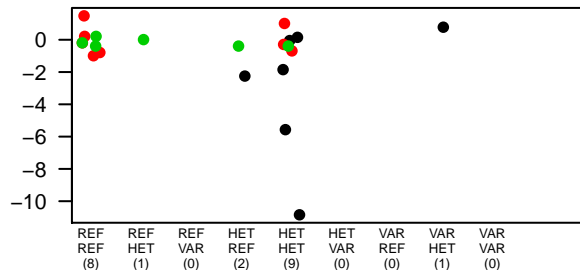
Mmp11 x Ric8b
lethal



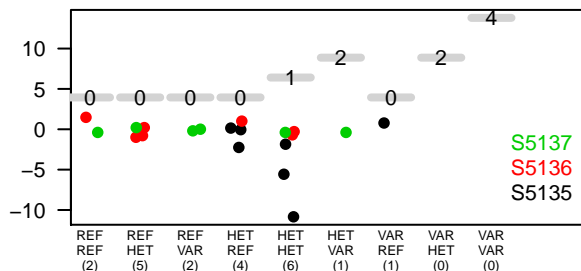
Mmp11 x Utp20
lethal



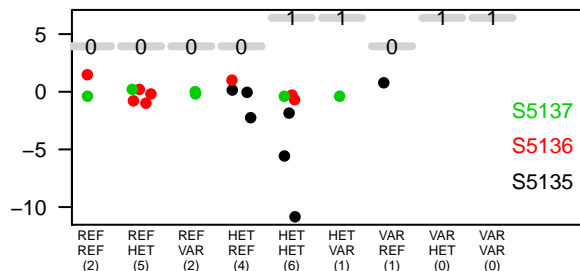
Mmp11 x Ptrpq
lethal



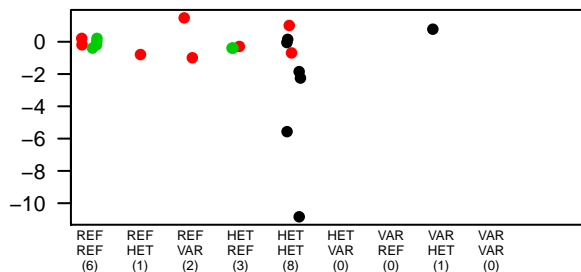
Mmp11 x Adams2
additive



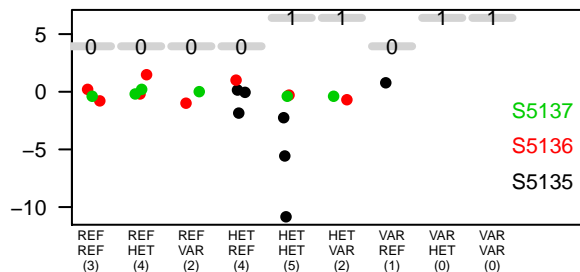
Mmp11 x Adams2
dominant



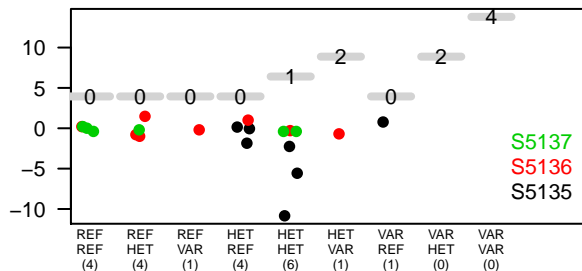
Mmp11 x Itgb1bp1
lethal



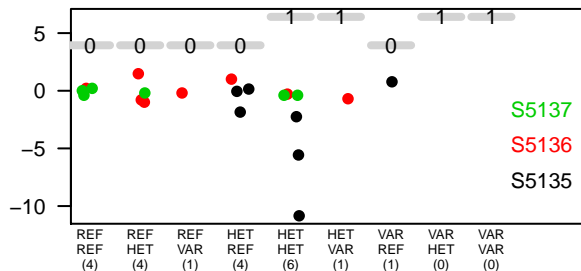
Mmp11 x Vmn1r200
dominant



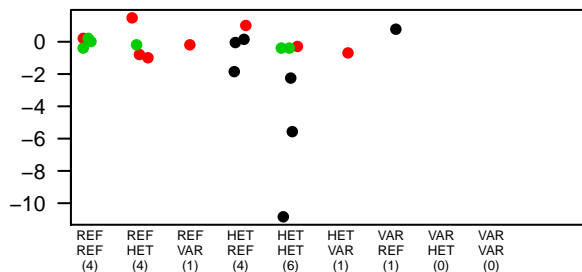
Mmp11 x Cntnap3
additive



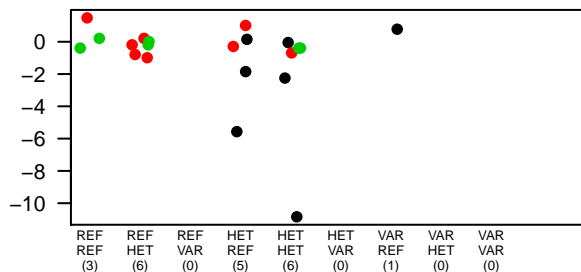
Mmp11 x Cntnap3
dominant



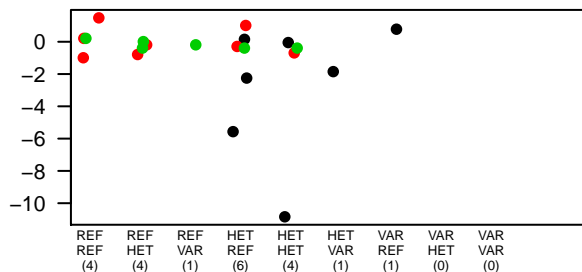
Mmp11 x Cntnap3
lethal



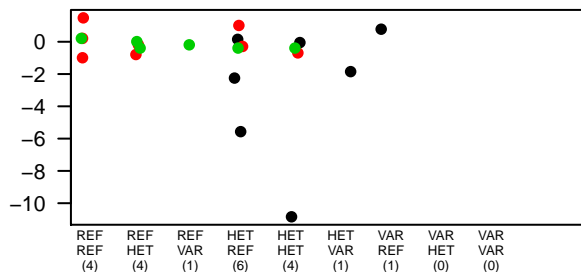
Mmp11 x Naip1
lethal



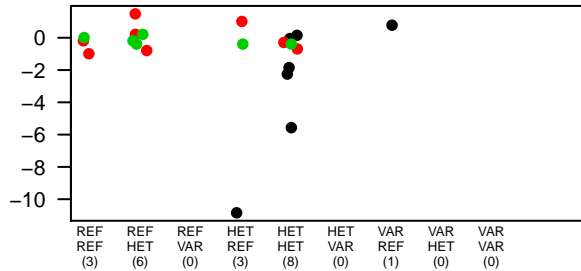
Mmp11 x Psme1
lethal



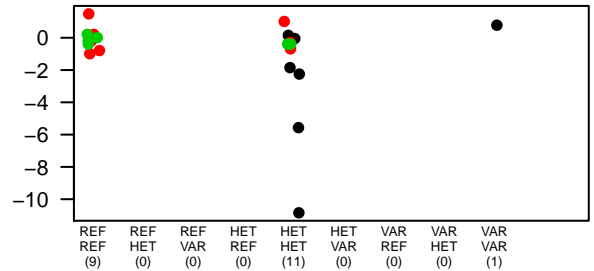
Mmp11 x Dpysl2
lethal



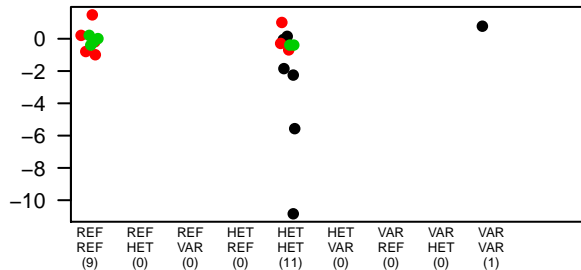
Mmp11 x Spink10
lethal



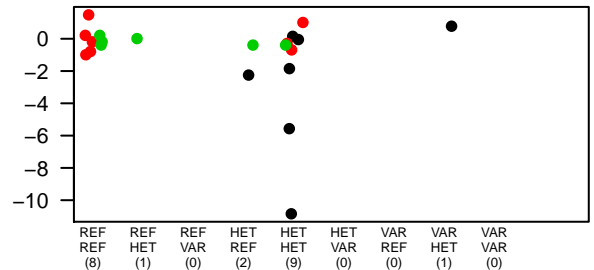
Ap3d1 x Ric8b
lethal



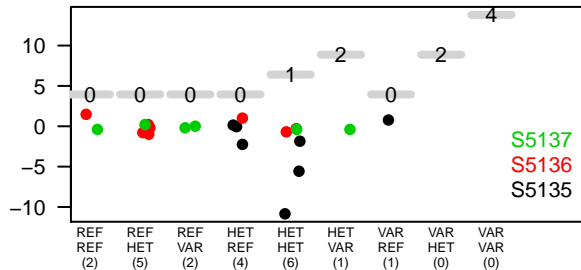
Ap3d1 x Utp20
lethal



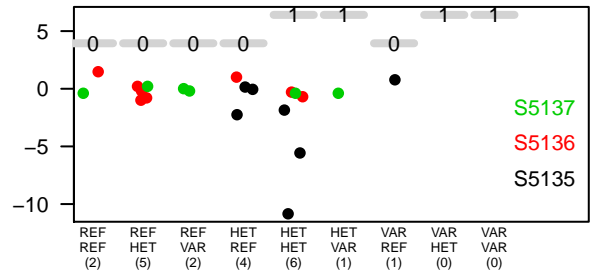
Ap3d1 x Ptprq
lethal



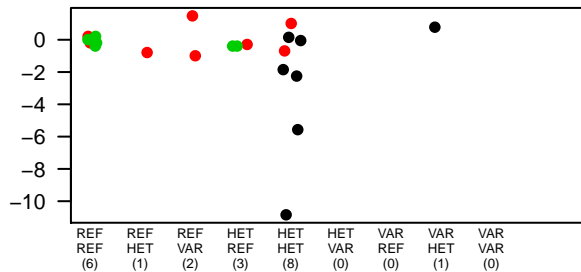
Ap3d1 x Adams2
additive



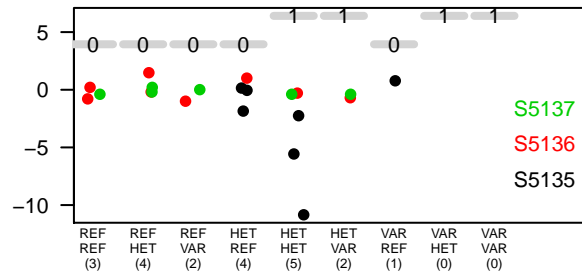
Ap3d1 x Adams2
dominant



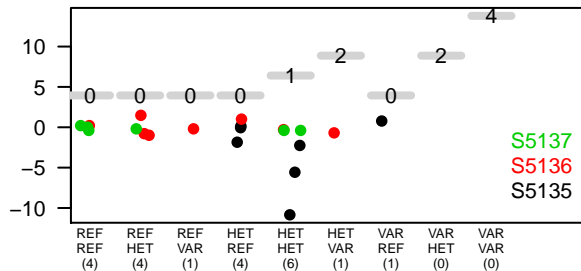
Ap3d1 x Itgb1bp1
lethal



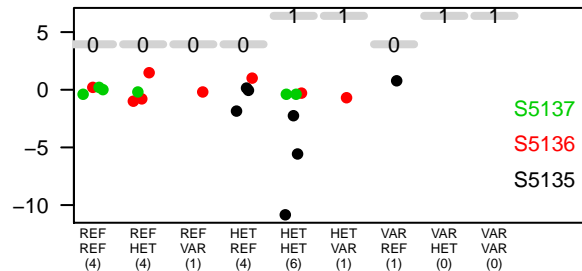
Ap3d1 x Vmn1r200
dominant



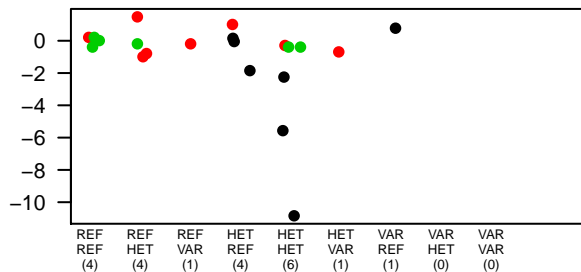
Ap3d1 x Cntnap3
additive



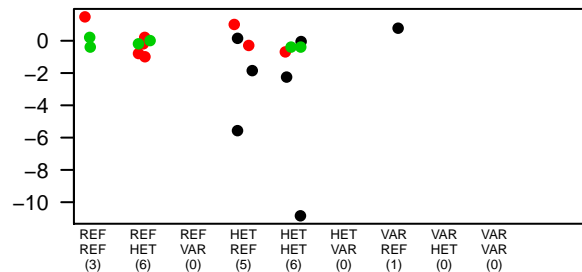
Ap3d1 x Cntnap3
dominant



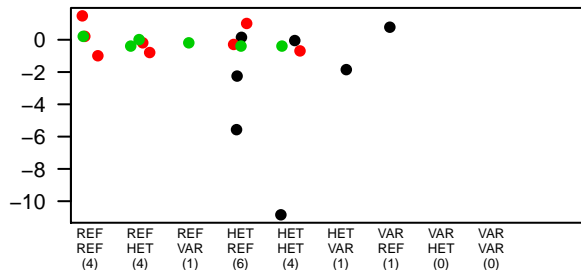
Ap3d1 x Cntnap3
lethal



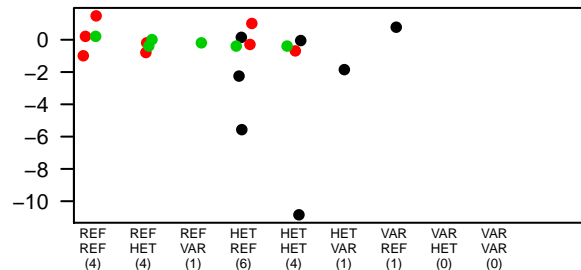
Ap3d1 x Naip1
lethal



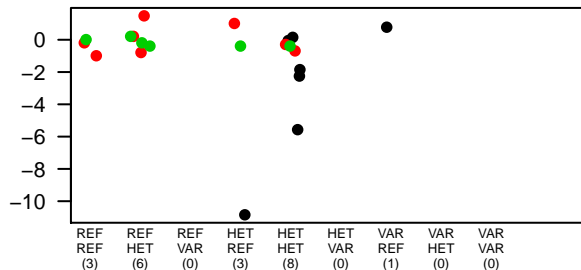
Ap3d1 x Psme1
lethal



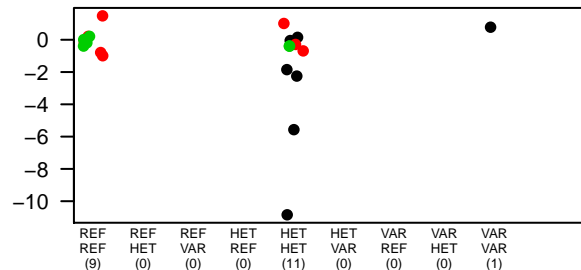
Ap3d1 x Dpysl2
lethal



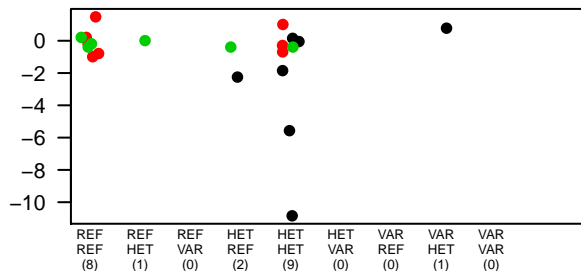
Ap3d1 x Spink10
lethal



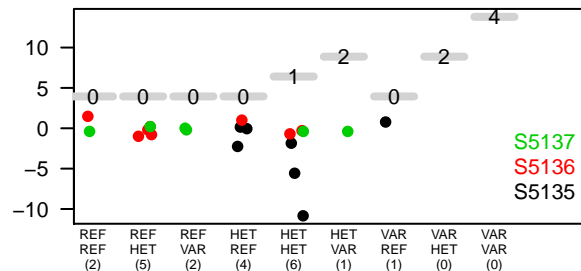
Ric8b x Utp20
lethal



Ric8b x Ptpqr
lethal

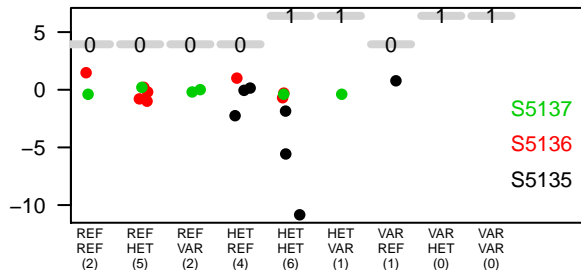


Ric8b x Adamts2
additive

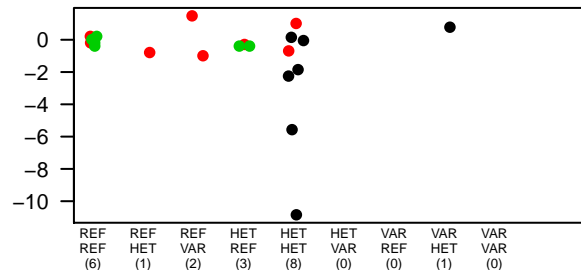


S5137
S5136
S5135

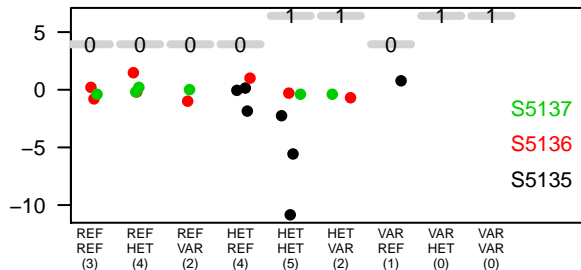
Ric8b x Adamts2
dominant



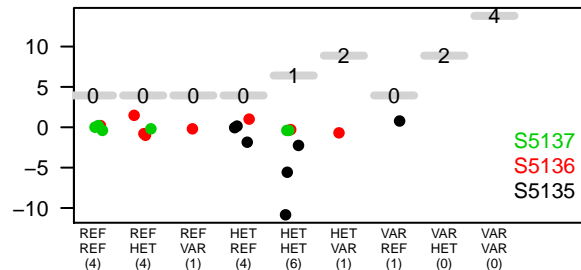
Ric8b x Itgb1bp1
lethal



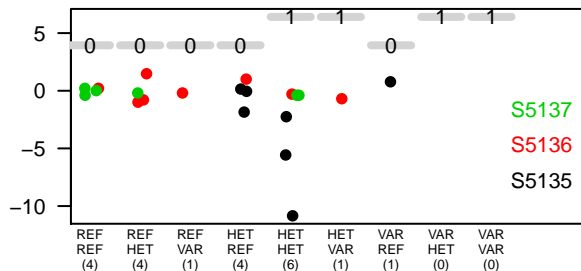
Ric8b x Vmn1r200
dominant



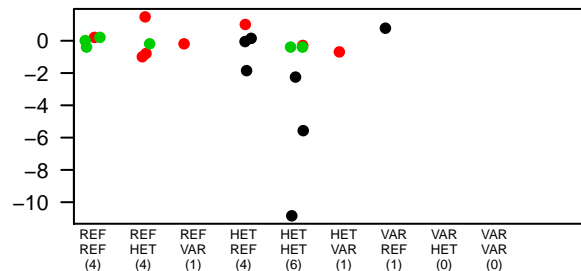
Ric8b x Cntnap3
additive



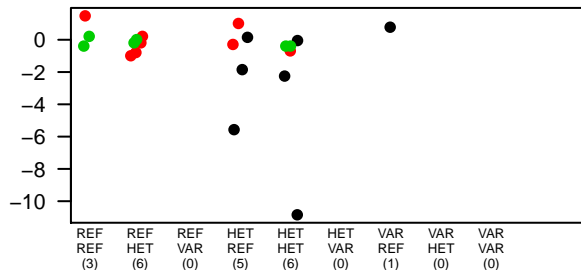
Ric8b x Cntnap3
dominant



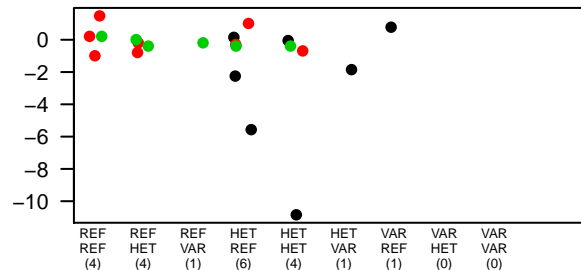
Ric8b x Cntnap3
lethal



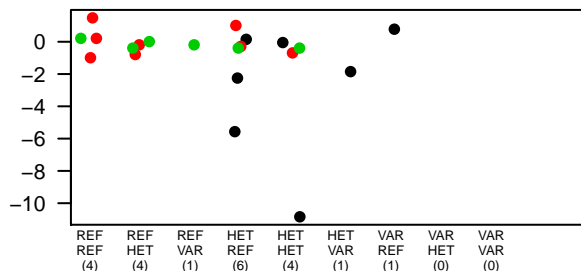
Ric8b x Naip1
lethal



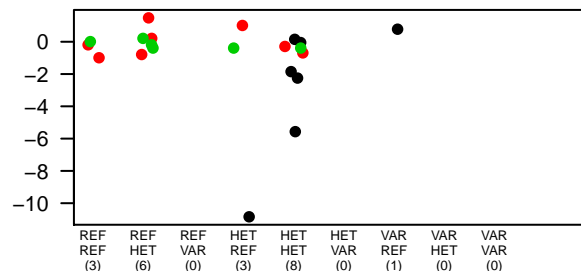
Ric8b x Psme1
lethal



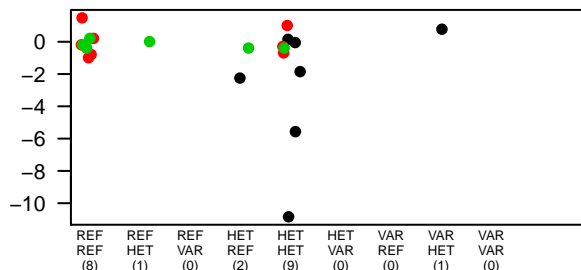
Ric8b x Dpysl2
lethal



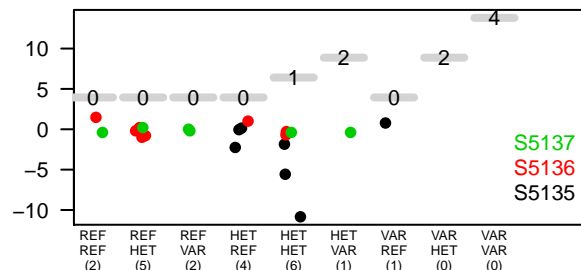
Ric8b x Spink10
lethal



Utp20 x Ptprq
lethal

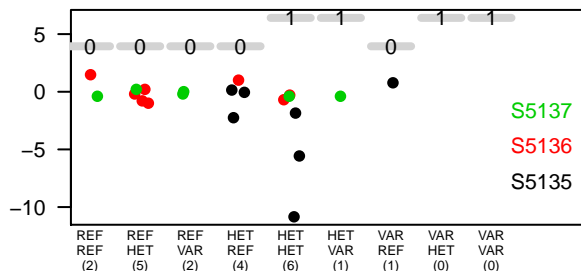


Utp20 x Adams2
additive

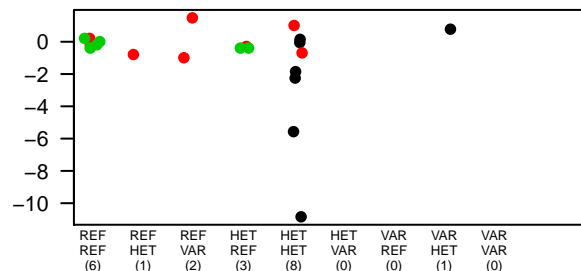


S5137
S5136
S5135

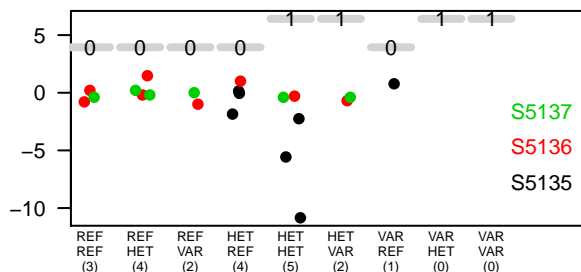
Utp20 x Adams2
dominant



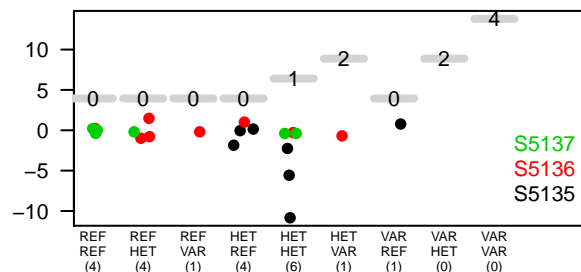
Utp20 x Itgb1bp1
lethal



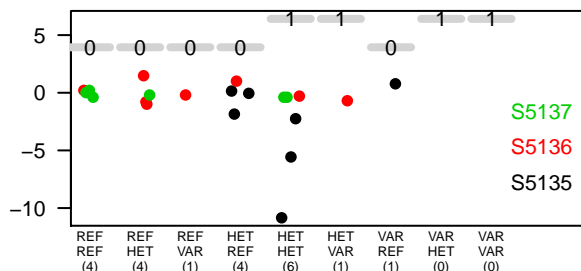
Utp20 x Vmn1r200
dominant



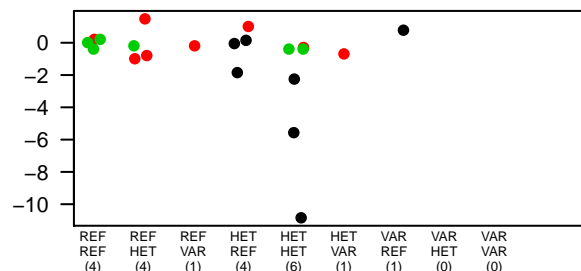
Utp20 x Cntnap3
additive



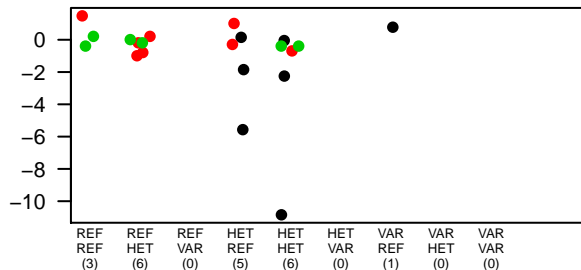
Utp20 x Cntnap3
dominant



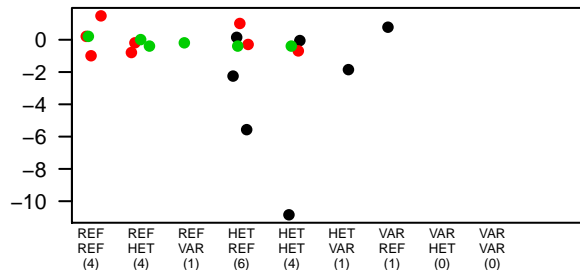
Utp20 x Cntnap3
lethal



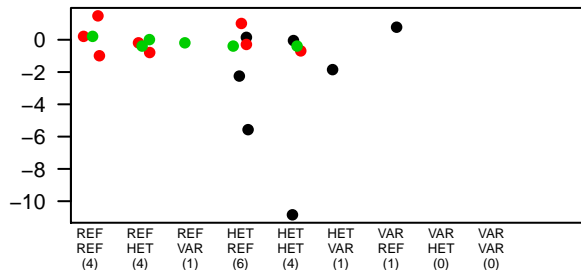
Utp20 x Naip1
lethal



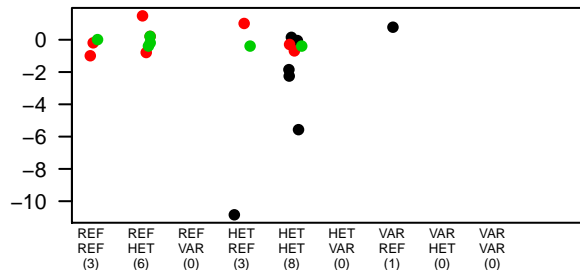
Utp20 x Psme1
lethal



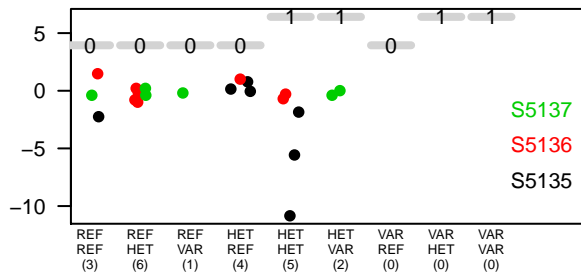
Utp20 x Dpysl2
lethal



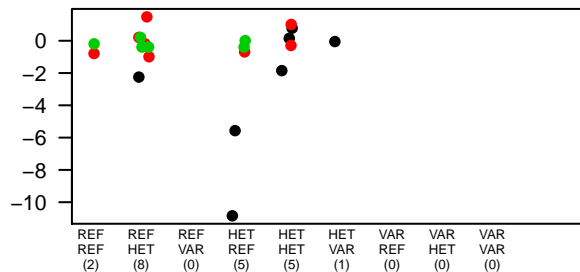
Utp20 x Spink10
lethal



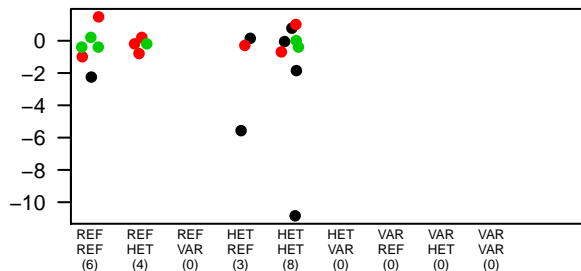
Ptprq x Adamts2
dominant



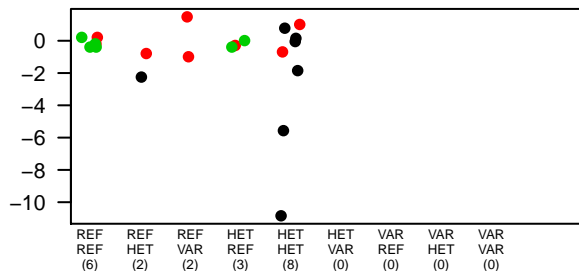
Ptprq x Hic1
lethal



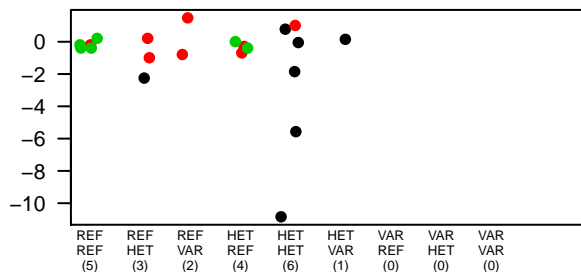
Ptprq x Plekhm1
lethal



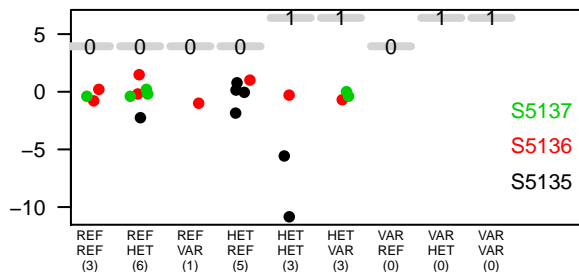
Ptprq x Itgb1bp1
lethal



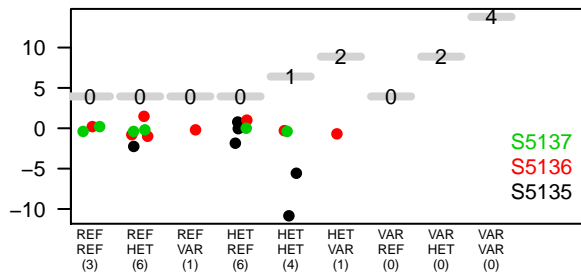
Ptprq x Fancm
lethal



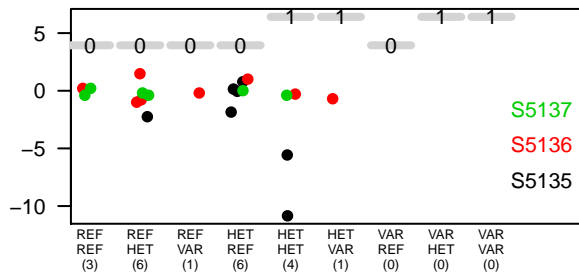
Ptprq x Vmn1r200
dominant



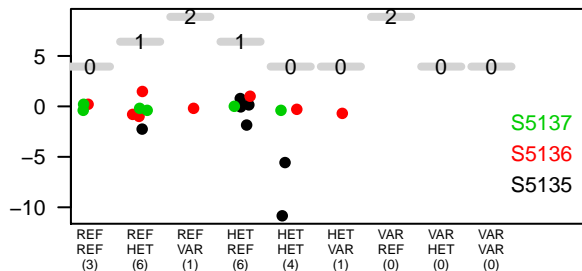
Ptprq x Cntnap3
additive



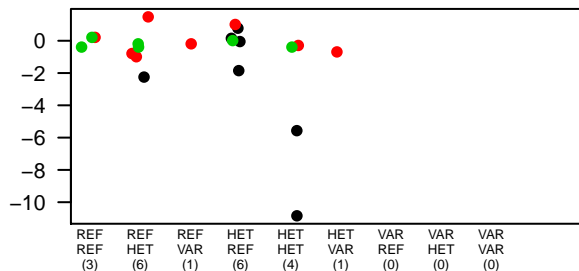
Ptprq x Cntnap3
dominant



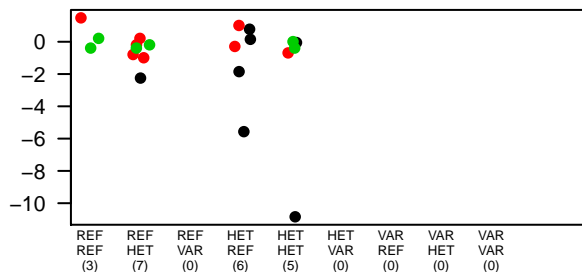
Ptprq x Cntnap3
inhibitory



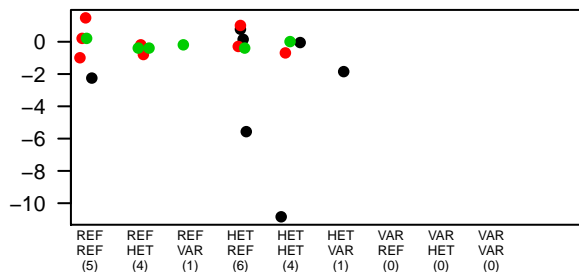
Ptprq x Cntnap3
lethal



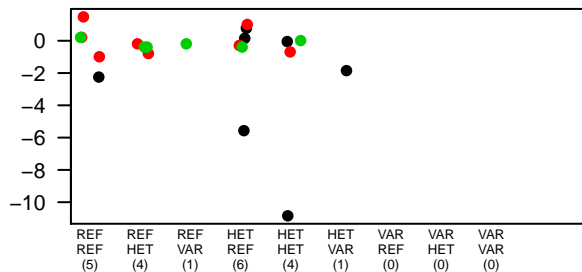
Ptprq x Naip1
lethal



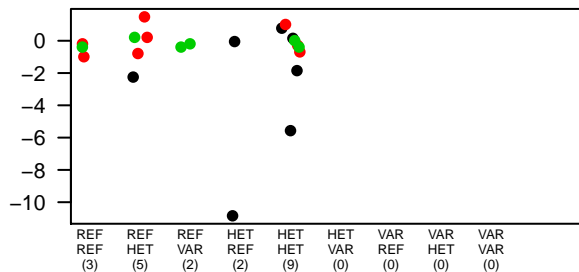
Ptprq x Psme1
lethal



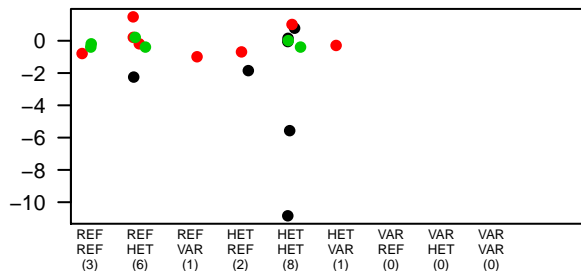
Ptprq x Dpysl2
lethal



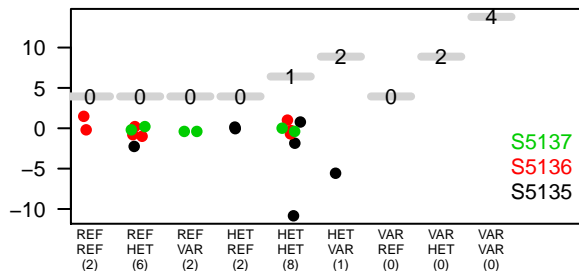
Ptprq x Zdhhc8
lethal



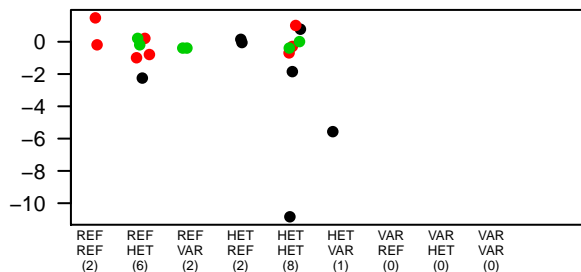
Ptprq x Dvl3
lethal



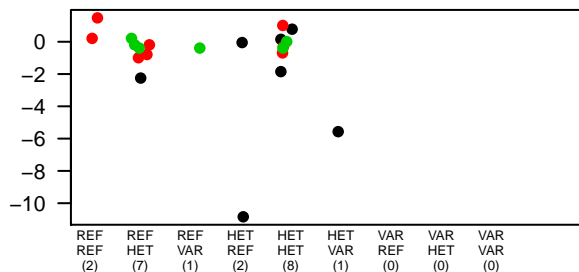
Ptprq x Prss41
additive



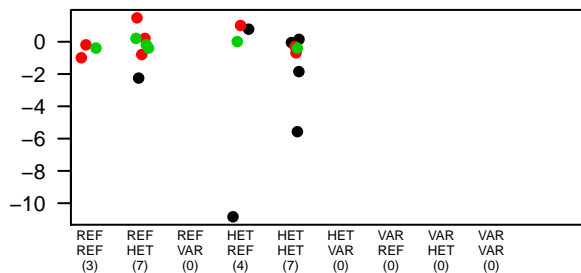
Ptprq x Prss41
lethal



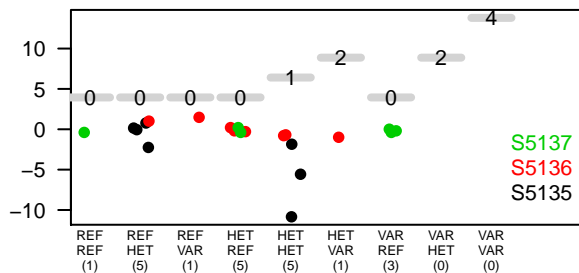
Ptprq x Col11a2
lethal



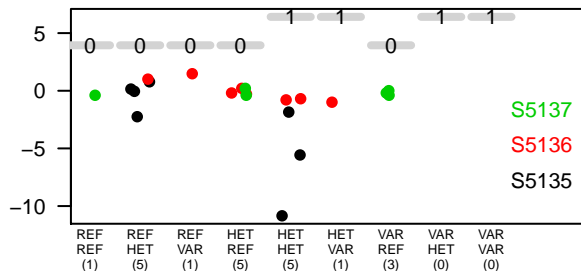
Ptprq x Spink10
lethal



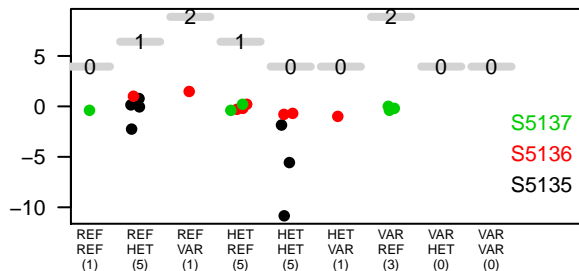
Adamts2 x Itgb1bp1
additive



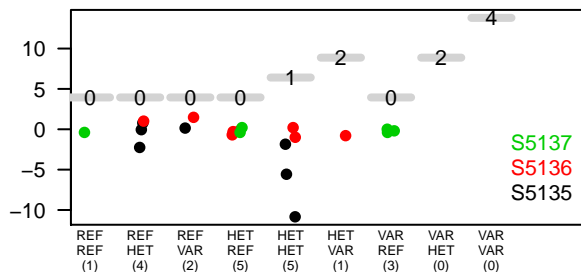
**Adamts2 x Itgb1bp1
dominant**



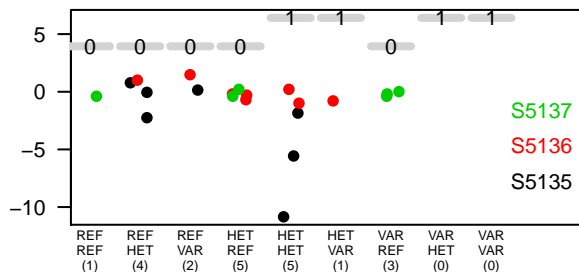
**Adamts2 x Itgb1bp1
inhibitory**



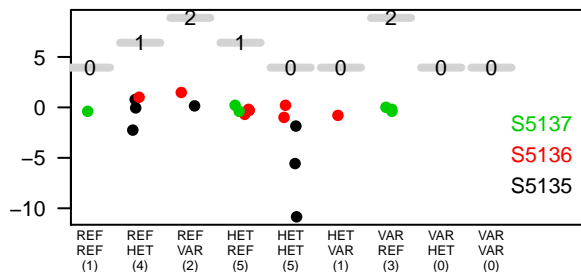
**Adamts2 x Fancm
additive**



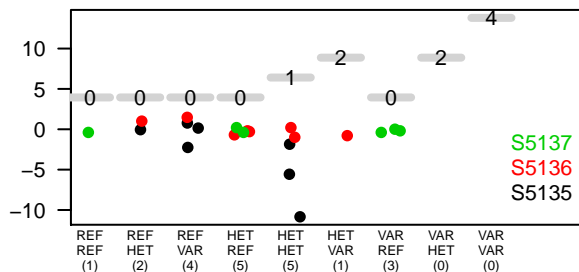
**Adamts2 x Fancm
dominant**



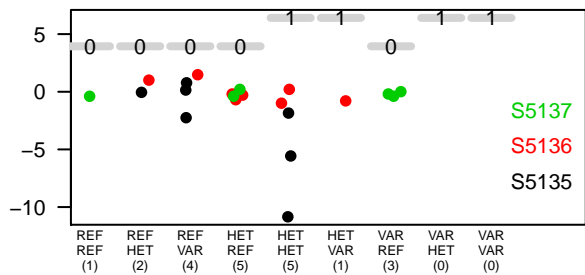
**Adamts2 x Fancm
inhibitory**



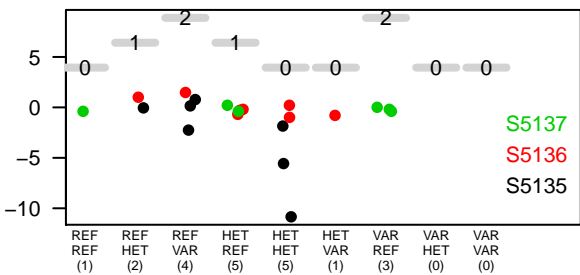
**Adamts2 x Ppp1r36
additive**



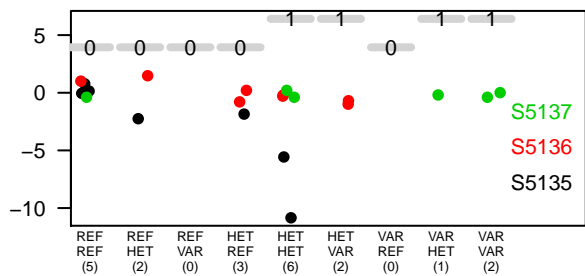
Adamts2 x Ppp1r36
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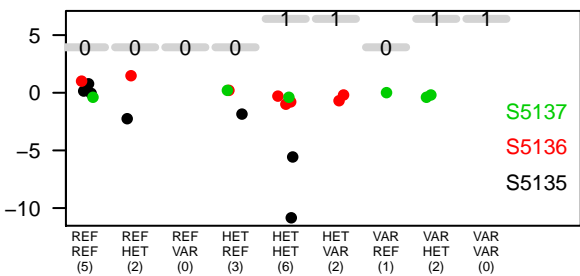
Adamts2 x Ppp1r36
inhibitory



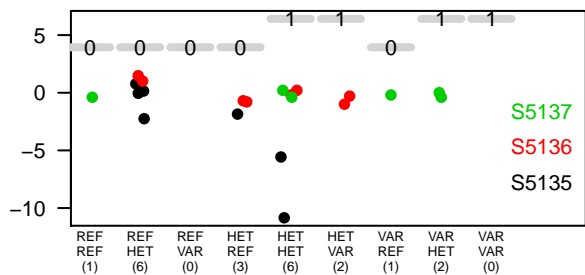
Adamts2 x Vmn1r200
dominant



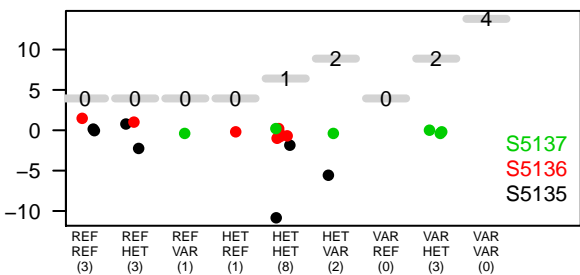
Adamts2 x Cntnap3
dominant



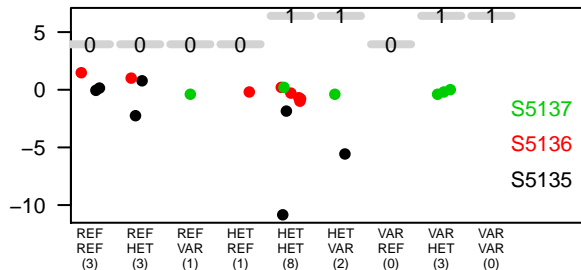
Adamts2 x Dvl3
dominant



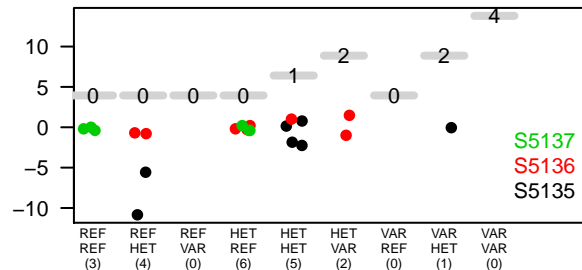
Adamts2 x Prss41
additive



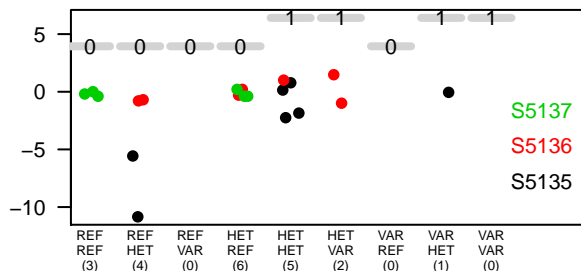
**Adams2 x Prss41
dominant**



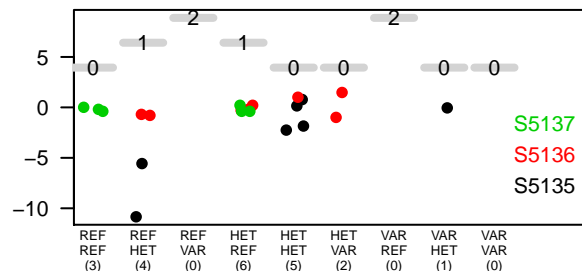
**Hic1 x Itgb1bp1
additive**



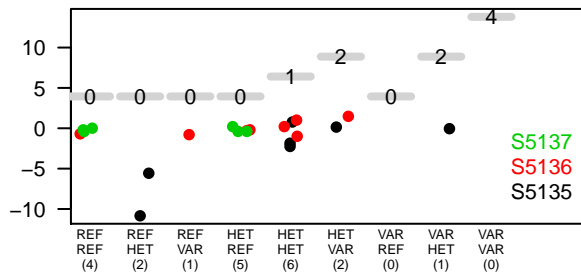
**Hic1 x Itgb1bp1
dominant**



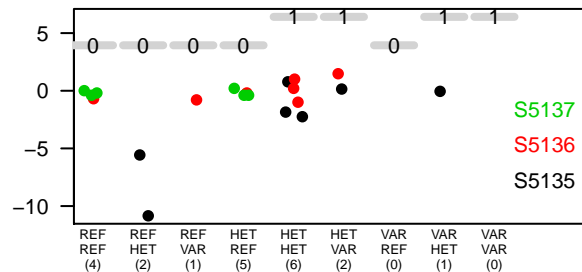
**Hic1 x Itgb1bp1
inhibitory**



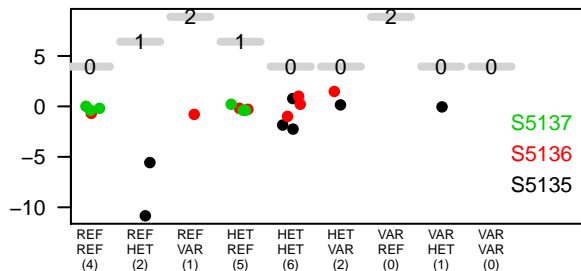
**Hic1 x Fancm
additive**



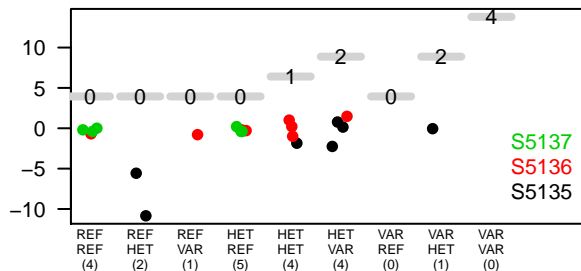
**Hic1 x Fancm
dominant**



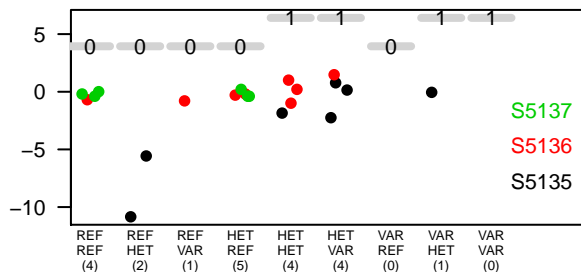
Hic1 x Fancm
inhibitory



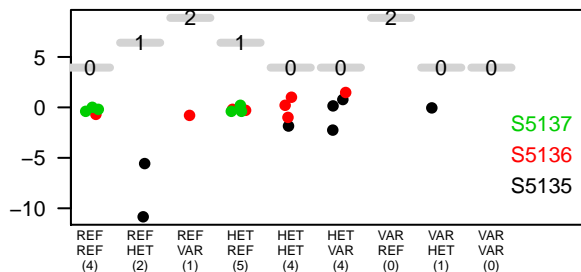
Hic1 x Ppp1r36
additive



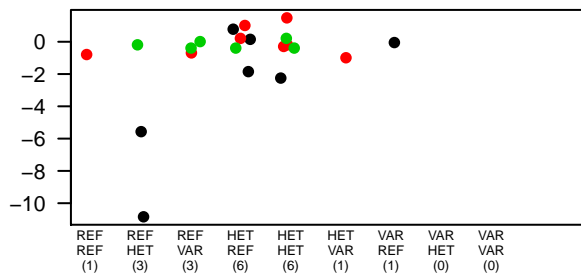
Hic1 x Ppp1r36
dominant



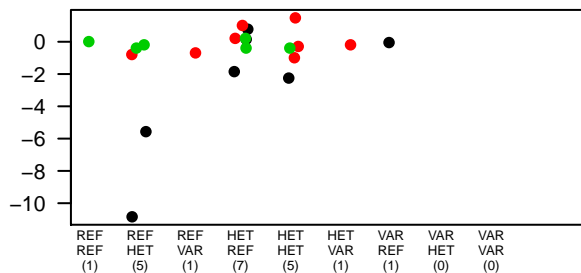
Hic1 x Ppp1r36
inhibitory



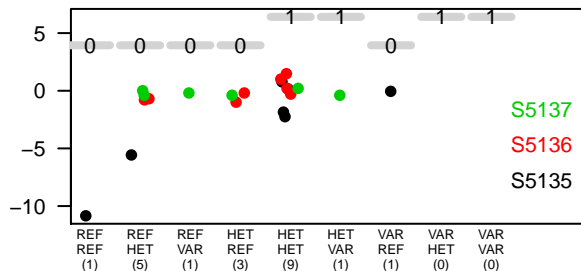
Hic1 x Vmn1r200
lethal



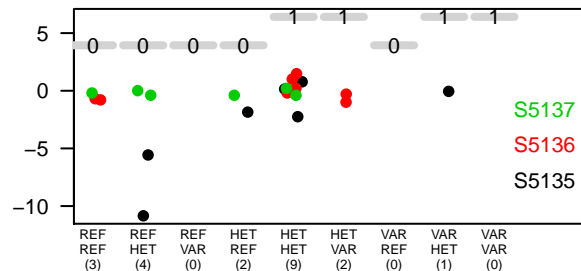
Hic1 x Cntnap3
lethal



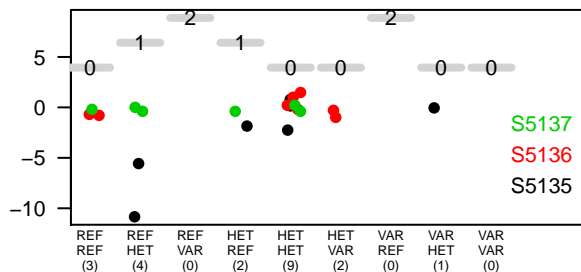
**Hic1 x Zdhhc8
dominant**



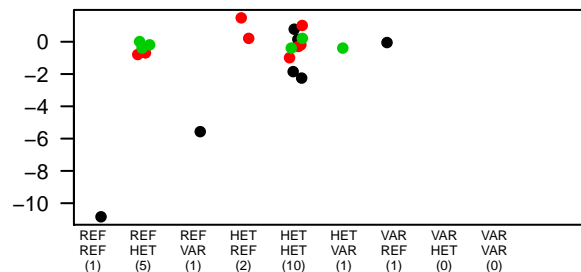
**Hic1 x Dvl3
dominant**



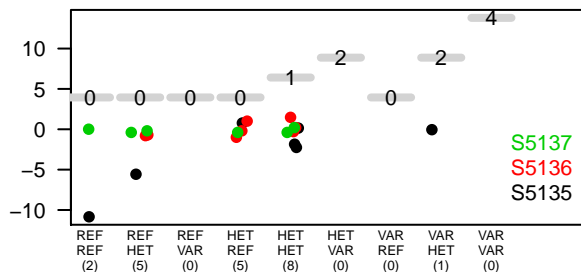
**Hic1 x Dvl3
inhibitory**



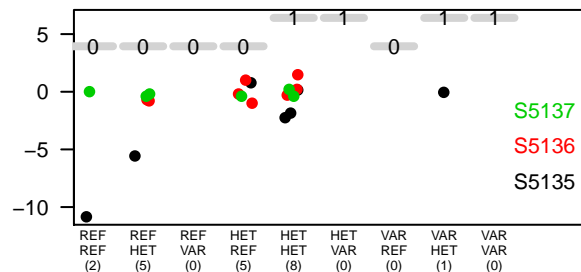
**Hic1 x Col11a2
lethal**



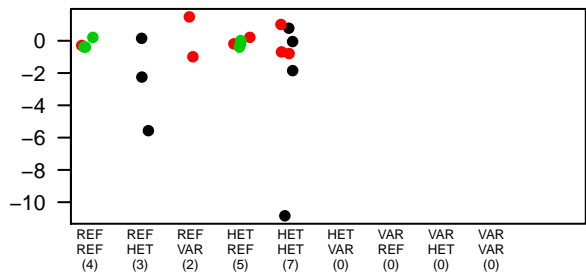
**Hic1 x Spink10
additive**



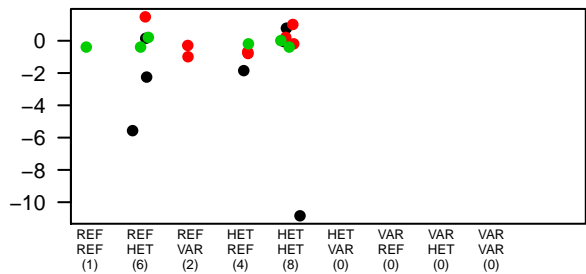
**Hic1 x Spink10
dominant**



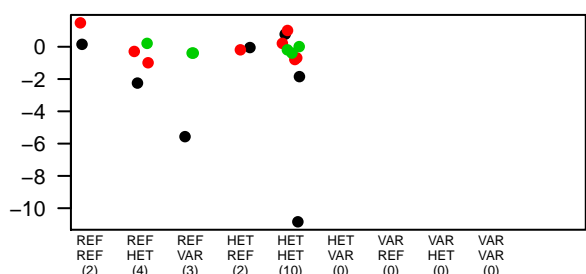
Plekhm1 x Itgb1bp1
lethal



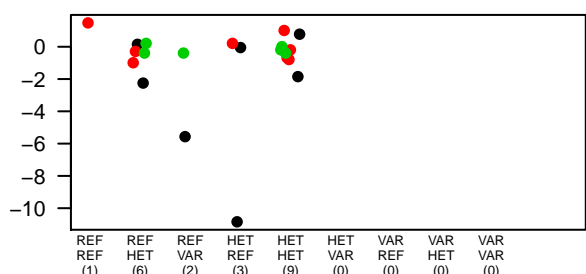
Plekhm1 x Dvl3
lethal



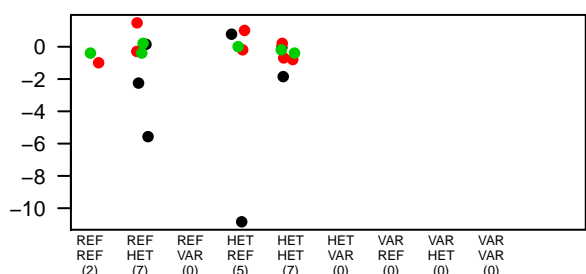
Plekhm1 x Prss41
lethal



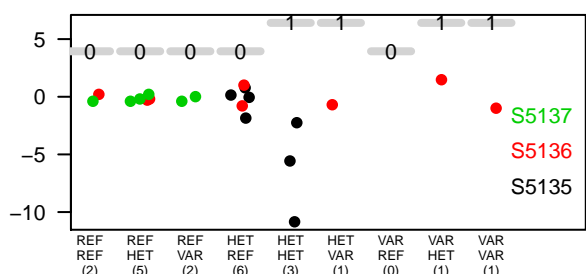
Plekhm1 x Col11a2
lethal



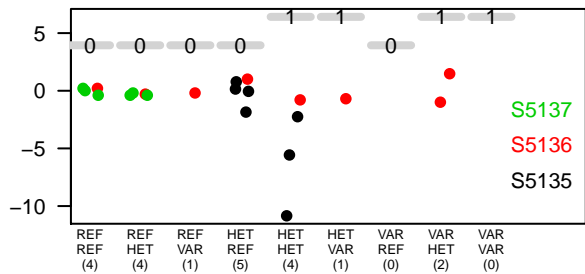
Plekhm1 x Spink10
lethal



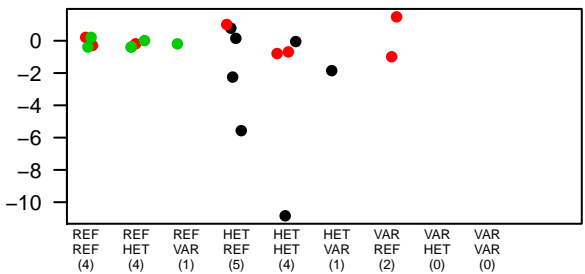
Itgb1bp1 x Vmn1r200
dominant



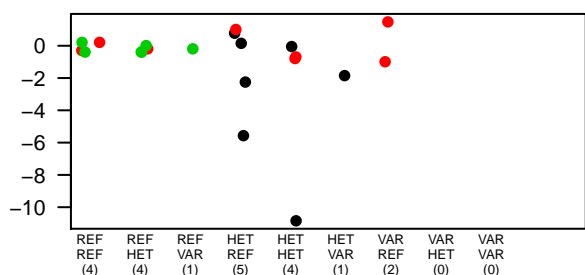
Itgb1bp1 x Cntnap3
dominant



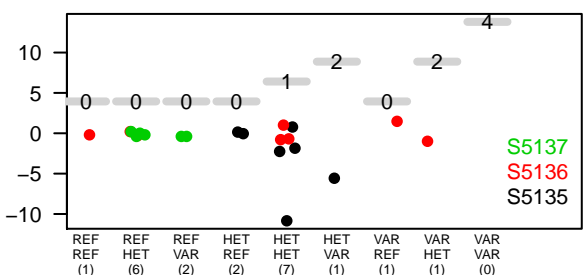
Itgb1bp1 x Psme1
lethal



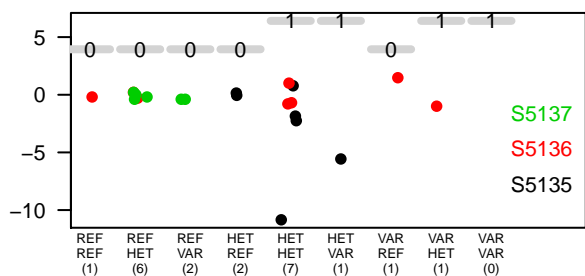
Itgb1bp1 x Dpysl2
lethal



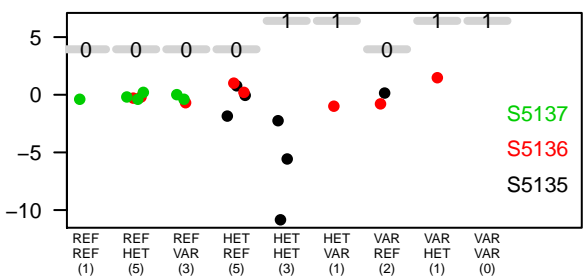
Itgb1bp1 x Prss41
additive



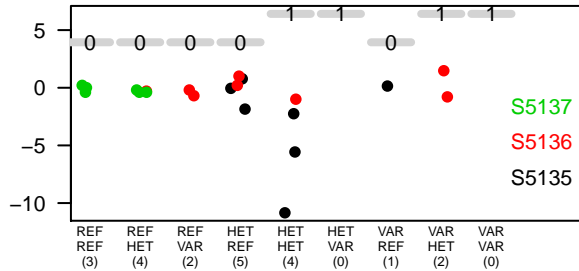
Itgb1bp1 x Prss41
dominant



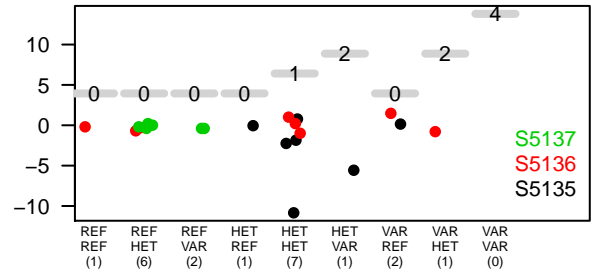
Fancm x Vmn1r200
dominant



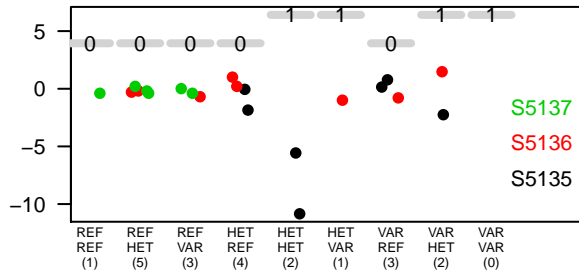
Fancm x Cntnap3
dominant



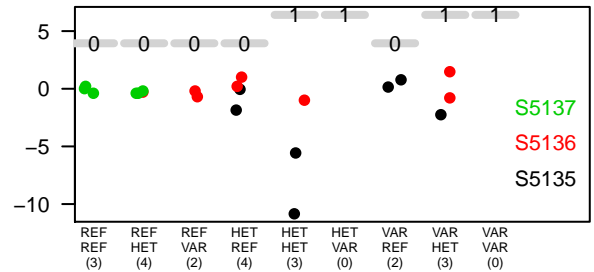
Fancm x Prss41
additive



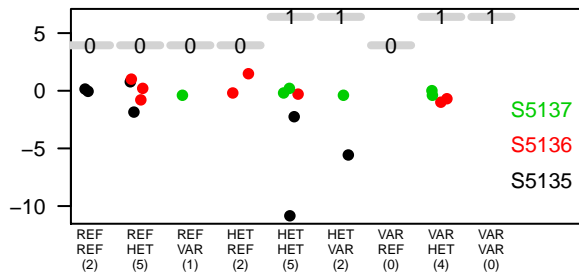
Ppp1r36 x Vmn1r200
dominant



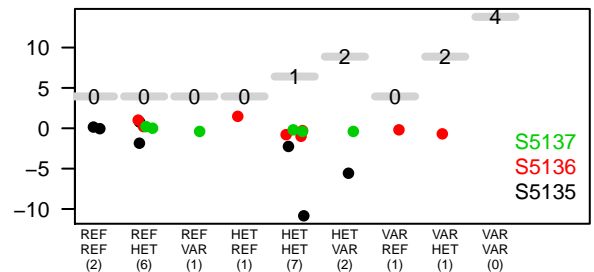
Ppp1r36 x Cntnap3
dominant



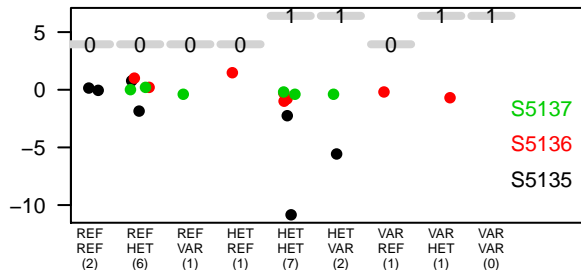
Vmn1r200 x Prss41
dominant



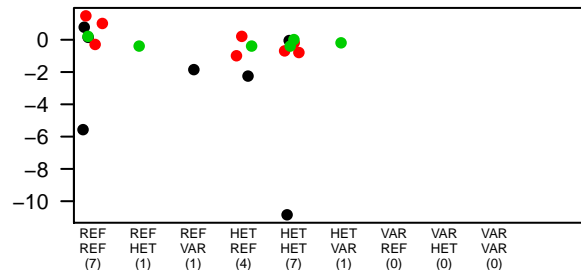
Cntnap3 x Prss41
additive



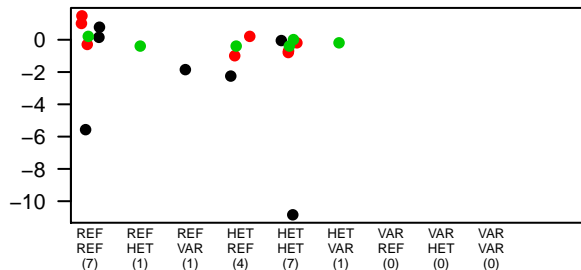
Cntnap3 x Prss41
dominant



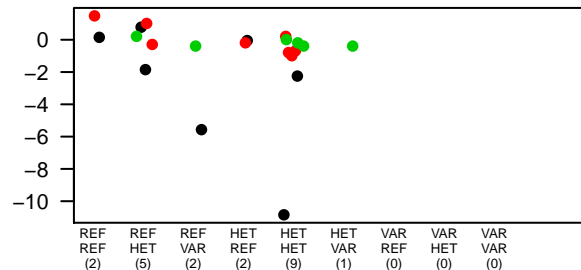
Naip1 x Psme1
lethal



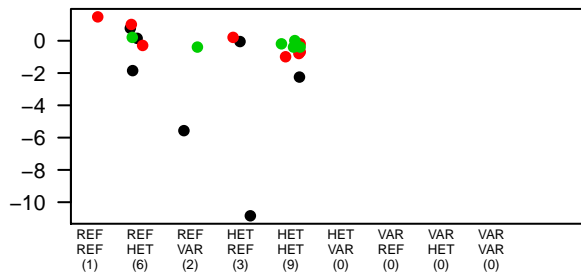
Naip1 x Dpysl2
lethal



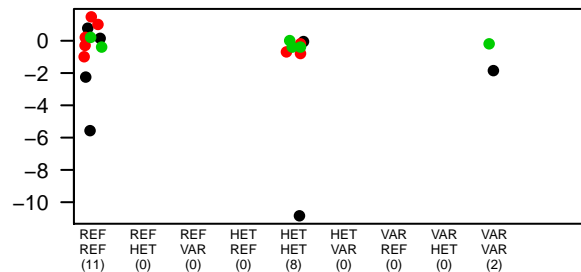
Naip1 x Prss41
lethal



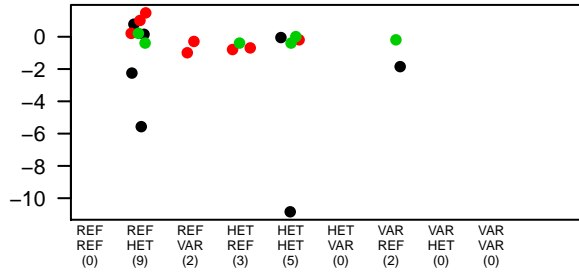
Naip1 x Col11a2
lethal



Psme1 x Dpysl2
lethal



Psme1 x Dvl3
lethal



Dpysl2 x Dvl3
lethal

