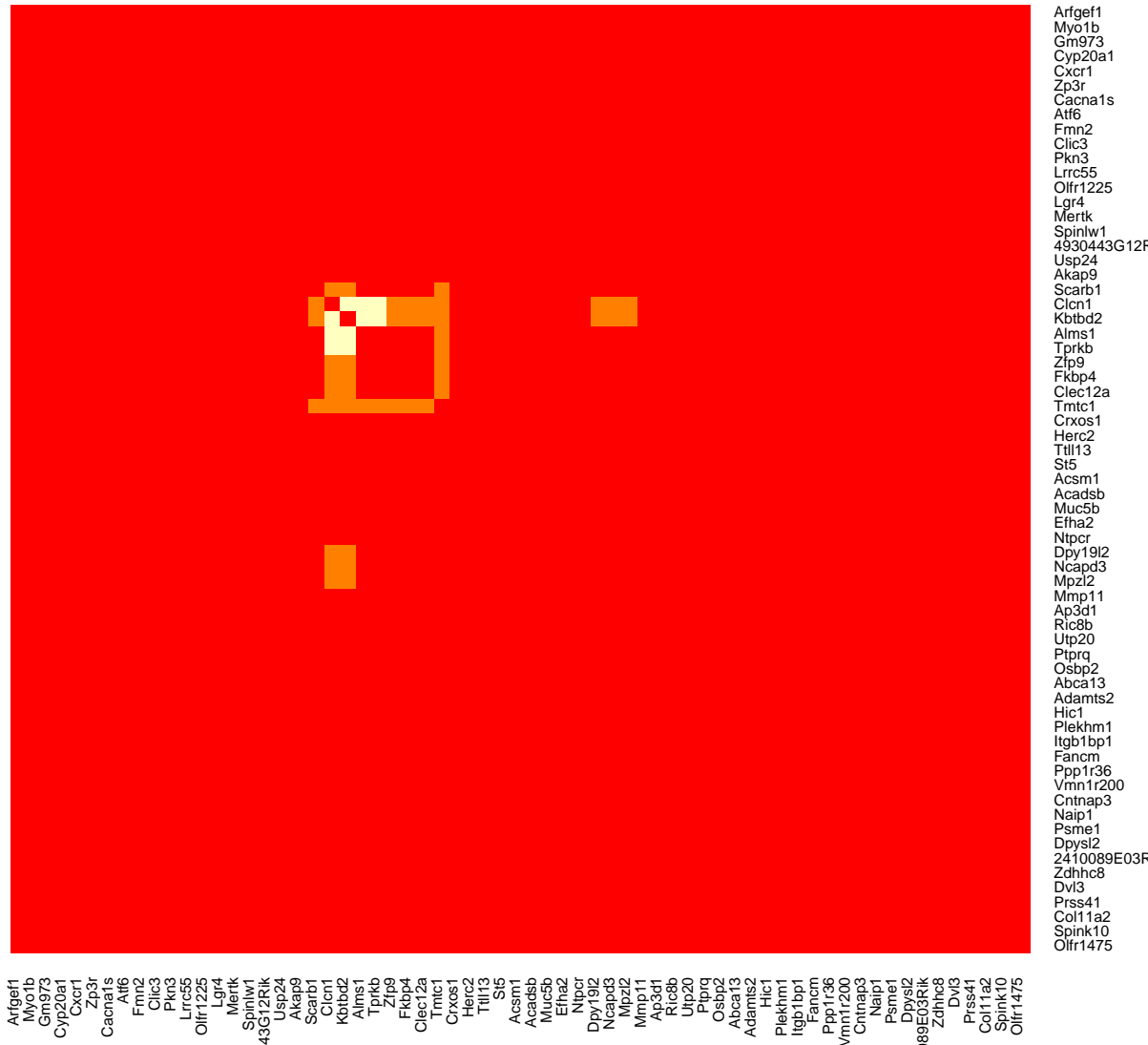
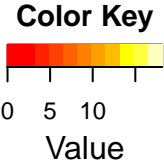
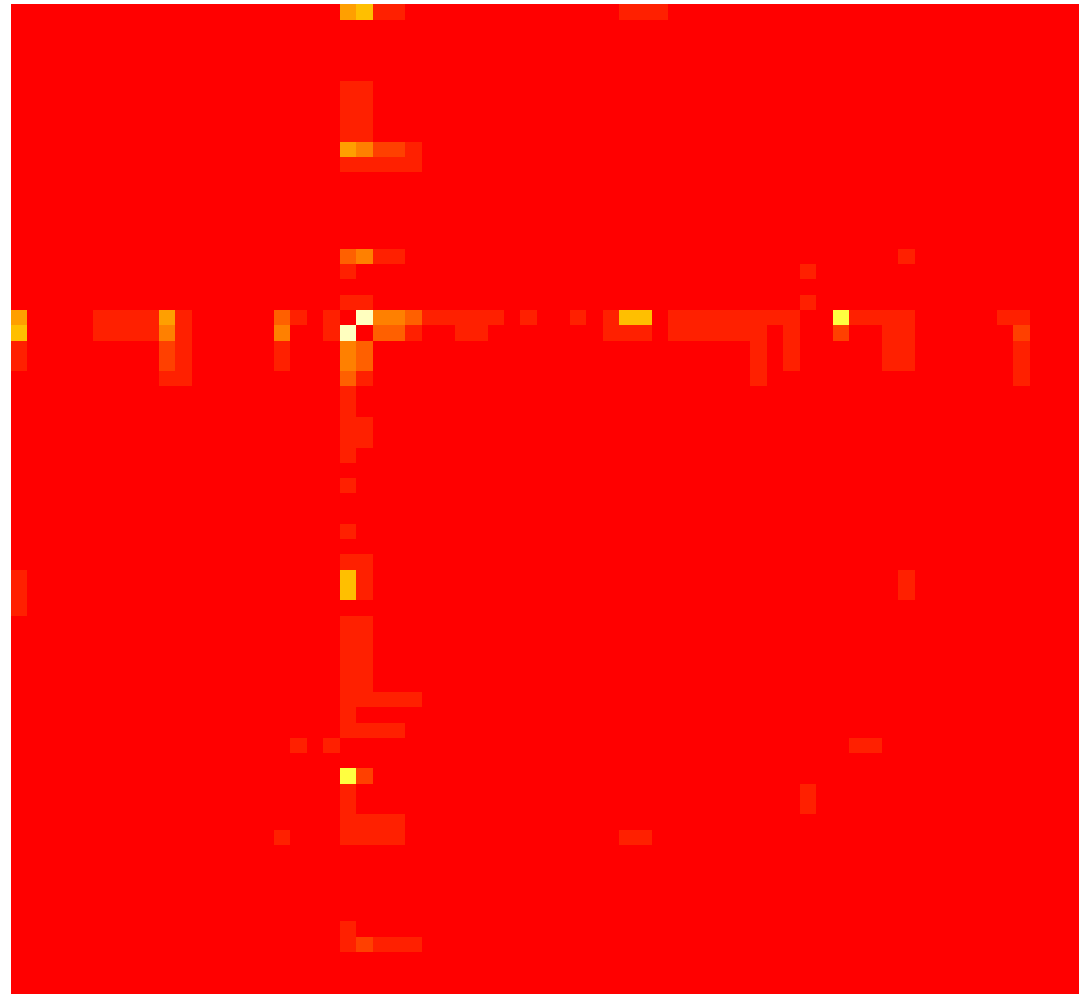
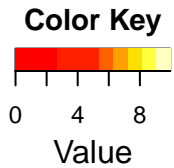


Heatmap of P values  
( recessive woG2 )

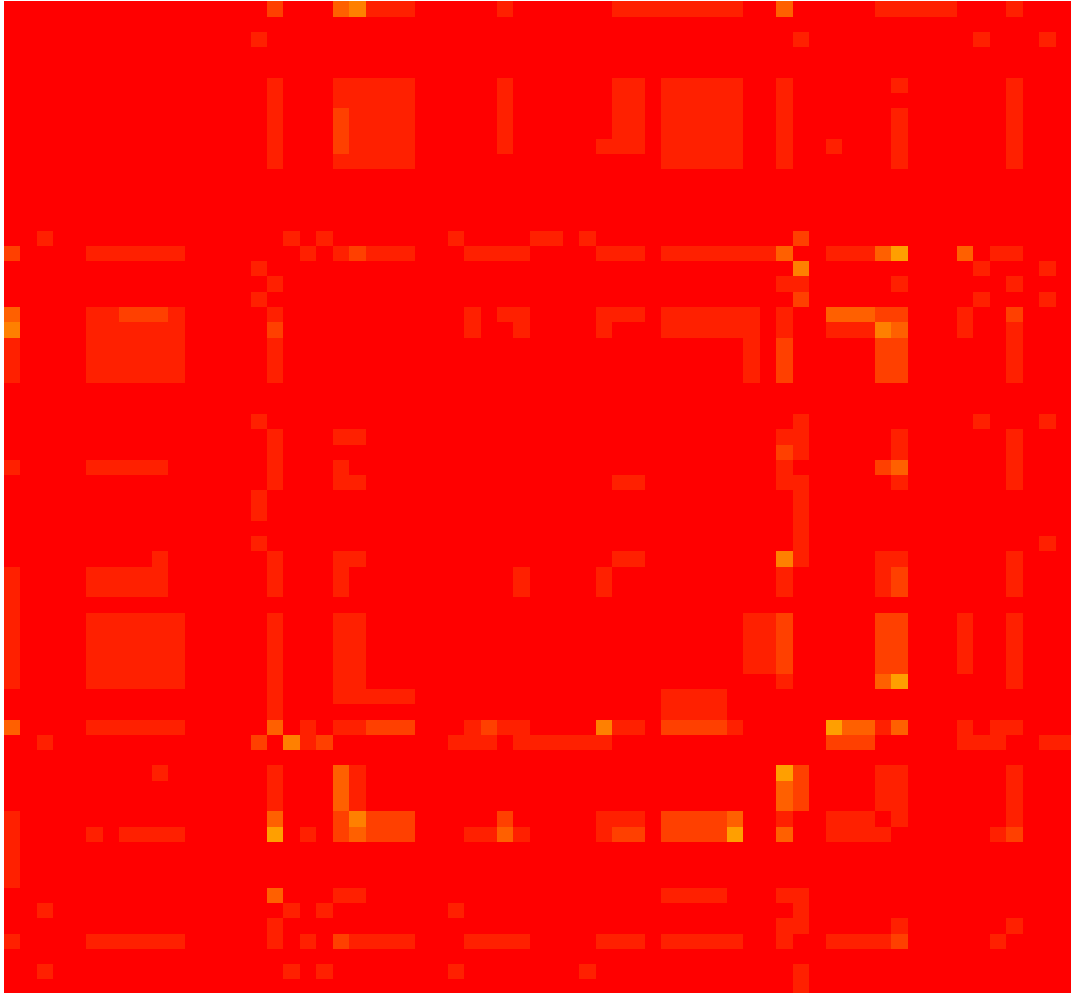
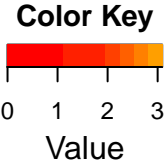


# Heatmap of P values ( additive woG2 )



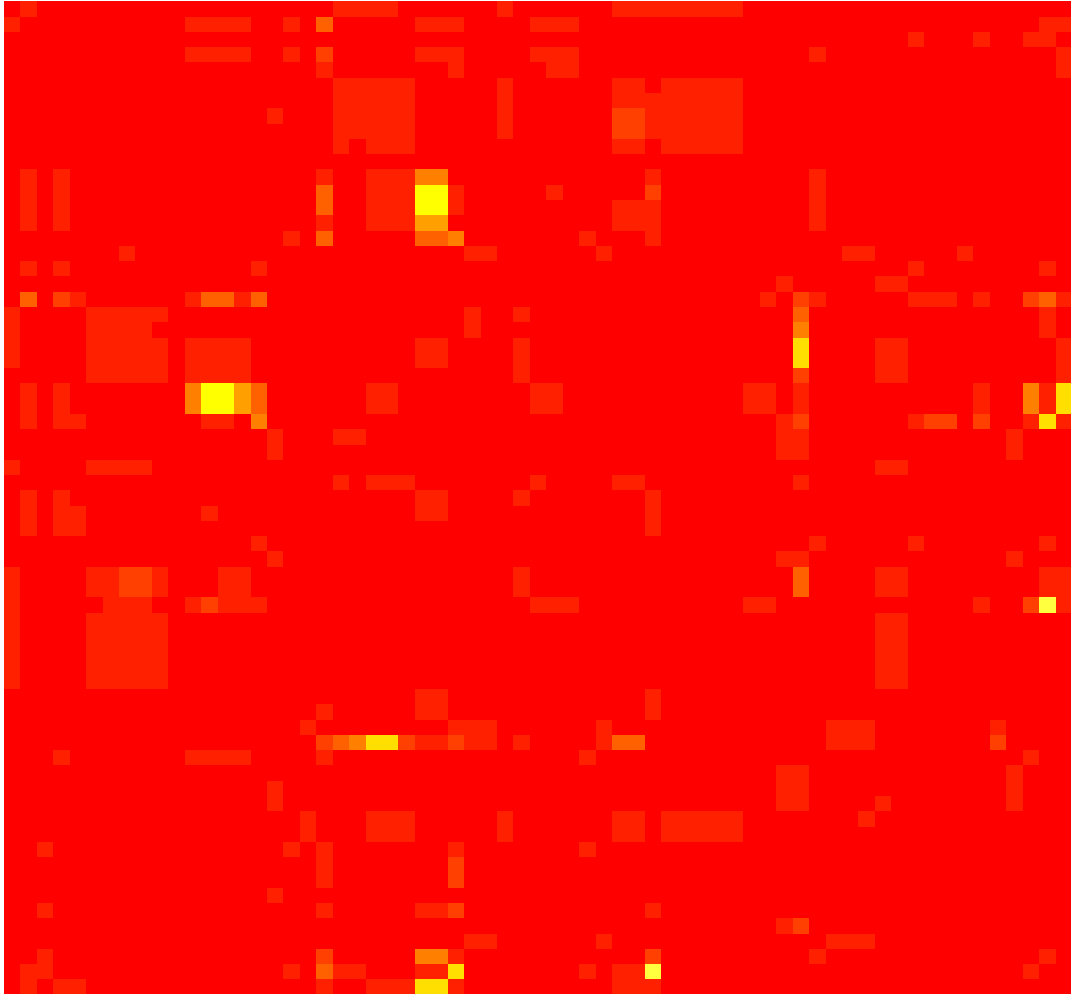
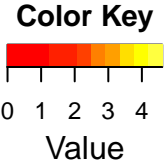
Arfge1  
 Myo1b  
 Gm973  
 Cyp20a1  
 Cxcr1  
 Zp3r  
 Cacna1s  
 Atf6  
 Fmn2  
 Clic3  
 Pln3  
 Lrrc55  
 Olfr1225  
 Lgr4  
 Merlk  
 Spnlw1  
 4930443G12Rik  
 Usp24  
 Akap9  
 Scarb1  
 Clcn1  
 Kbtbd2  
 Alms1  
 Trkb  
 Zfp9  
 Fkbp4  
 Clec12a  
 Tmtc1  
 Crxos1  
 Herc2  
 Tll13  
 St6  
 Acsm1  
 Acadsb  
 Muc5b  
 Etna2  
 Nlbc  
 Dpy19l2  
 Ncapd3  
 Mpz12  
 Mmp11  
 Ap3d1  
 Ric8b  
 Utp20  
 Ptpq  
 Osbp2  
 Abca13  
 Adamts2  
 Hic1  
 Plekhl1  
 Itgb1bp1  
 Fancm  
 Ppp1r36  
 Vmn1r200  
 Cntnap3  
 Naip1  
 Psmc1  
 Dpysl2  
 2410089E03Rik  
 Zdhc8  
 Dvl3  
 Prss41  
 Col11a2  
 Spink10  
 Olfr1475

Heatmap of P values  
( dominant woG2 )



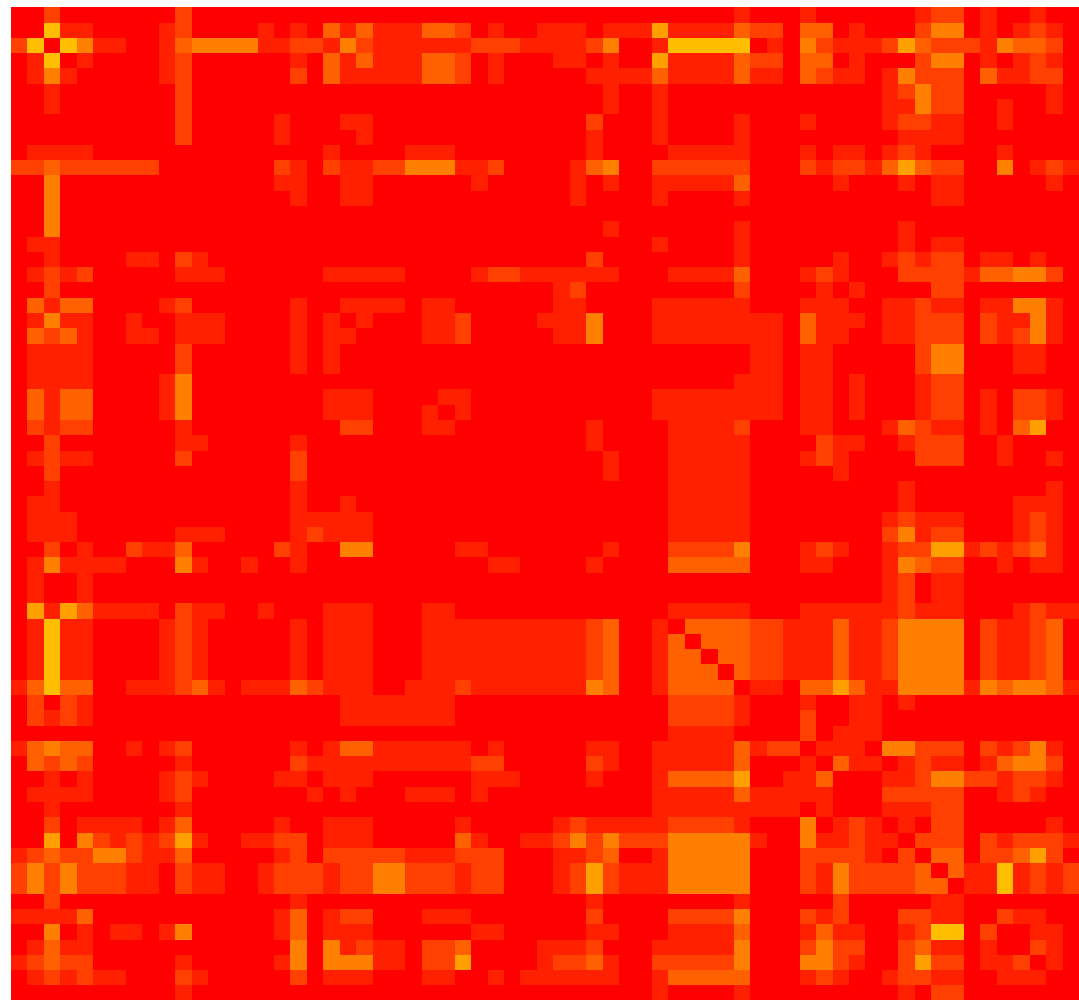
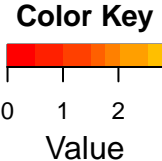
Arfgef1  
Myo1b  
Gm973  
Cyp20a1  
Cxcr1  
Zp3r  
Caana1s  
Atf6  
Clic3  
Pln3  
Lrrc55  
Olfir1225  
Lgr4  
Merlk  
Spinlwl  
4930443G12R  
Usp24  
Akap9  
Scarb1  
Clcn1  
Kbtbd2  
Alms1  
Tprkb  
Zfp9  
Fkbp4  
Clec12a  
Tmtc1  
Crxos1  
Herc2  
Till13  
St5  
Acsm1  
Acadsh  
Muc5b  
Efnha2  
Nlpcr  
Dpy19l2  
Ncapd3  
Mpz12  
Mmp11  
Ap3d1  
Ric8b  
Utp20  
Pitrg  
Osbp2  
Abca13  
Adamts2  
Hic1  
Plekham1  
Itgb1bp1  
Fancm  
Ppp1r36  
Vmn1r200  
Cnnap3  
Naip1  
Psmc1  
Dpysl2  
2410089E03R  
Zdhhc8  
Dvl3  
Prss41  
Col11a2  
Spink10  
Olfir1475

Heatmap of P values  
( inhibitory woG2 )



Arfgef1  
Myo1b  
Gm973  
Cyp20a1  
Cxcr1  
Zp3r  
Cacna1s  
Atf6  
Fmn2  
Glic3  
Pln3  
Lrrc55  
Olfr1225  
Lgr4  
Merlk  
Spinlwl  
3030443G12Rik  
Usp24  
Akap9  
Scarb1  
Clcn1  
Kbtbd2  
Alms1  
Tprkb  
Zfp9  
Fkbp4  
Clec12a  
Tmtc1  
Crxos1  
Herc2  
Till13  
St5  
Acsm1  
Acad5b  
Muc5b  
Etha2  
Npcr  
Dpy19l2  
Ncapd3  
Mpz12  
Mmp11  
Ap3d1  
Ric8b  
Utp20  
Pitrg  
Osbp2  
Abca13  
Adam2  
Hic1  
Plekhl1  
Itgb1bp1  
Fancm  
Ppp1r36  
Vmn1r200  
Cnnap3  
Nalp1  
Psmc1  
Dpysl2  
2410089E03Rik  
Zdhc8  
Dvl3  
Prss41  
Col11a2  
Spink10  
Olfr1475

Heatmap of P values  
( lethal woG2 )



Arfgef1  
Myo1b  
Gm973  
Cyp20a1  
Cxcr1  
Zp3r  
Caana1s  
Atf6  
Fmn2  
Clic3  
Pkn3  
Lrrc55  
Olfir1225  
Lgr4  
Mertk  
Spinlwl  
4930443G12R  
Usp24  
Akap9  
Scarb1  
Clcn1  
Kbtbd2  
Alms1  
Tprkb  
Zfp9  
Fkbp4  
Clec12a  
Tmtc1  
Crxos1  
Herc2  
Till13  
St6  
Acsm1  
Acad5b  
Muc5b  
Efna2  
Npcr  
Dpy19l2  
Ncapd3  
Mpz12  
Mmp11  
Ap3d1  
Ric8b  
Utp20  
Pitrg  
Osbp2  
Abca13  
Adams2  
Hic1  
Plekhl1  
Itgb1bp1  
Fancm  
Ppp1r36  
Vmn1r200  
Cnnap3  
Nalp1  
Psnep1  
Dpysl2  
2410089E03R  
Zdhc8  
Dvl3  
Prss41  
Col11a2  
Spink10  
Olfir1475

Arfgef1  
Myo1b  
Gm973  
Cyp20a1  
Cxcr1  
Zp3r  
Caana1s  
Atf6  
Fmn2  
Clic3  
Pkn3  
Lrrc55  
Olfir1225  
Lgr4  
Mertk  
Spinlwl  
4930443G12R  
Usp24  
Akap9  
Scarb1  
Clcn1  
Kbtbd2  
Alms1  
Tprkb  
Zfp9  
Fkbp4  
Clec12a  
Tmtc1  
Crxos1  
Herc2  
Till13  
St6  
Acsm1  
Acad5b  
Muc5b  
Efna2  
Npcr  
Dpy19l2  
Ncapd3  
Mpz12  
Mmp11  
Ap3d1  
Ric8b  
Utp20  
Pitrg  
Osbp2  
Abca13  
Adams2  
Hic1  
Plekhl1  
Itgb1bp1  
Fancm  
Ppp1r36  
Vmn1r200  
Cnnap3  
Nalp1  
Psnep1  
Dpysl2  
2410089E03R  
Zdhc8  
Dvl3  
Prss41  
Col11a2  
Spink10  
Olfir1475