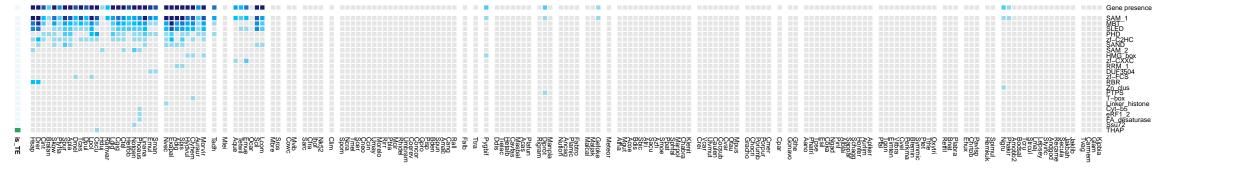
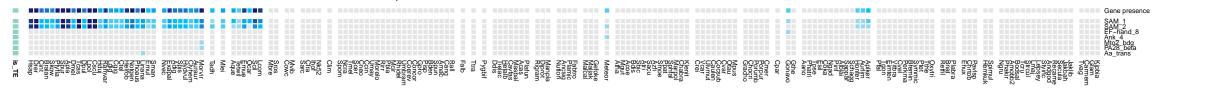
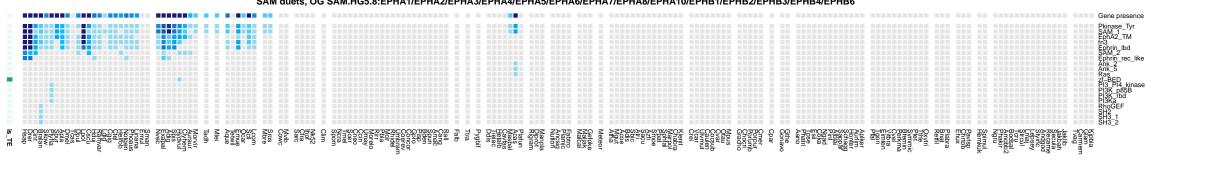
SAM duets, OG SAM.HG4.1:L3MBTL3/L3MBTL4/SAMD1/SAMD7/SAMD11/SAMD13/SCMH1/SCML1/SCML2/SCML4/SFMBT1/SFMBT2



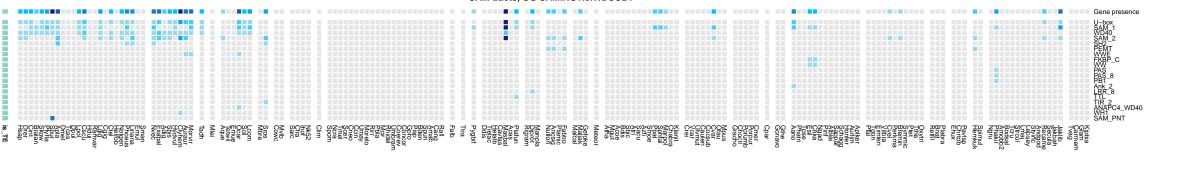
SAM duets, OG SAM.HG6.0:AP002336.5/KAZN/PPFIA1/PPFIA2/PPFIA3/PPFIA4/PPFIBP1/PPFIBP2



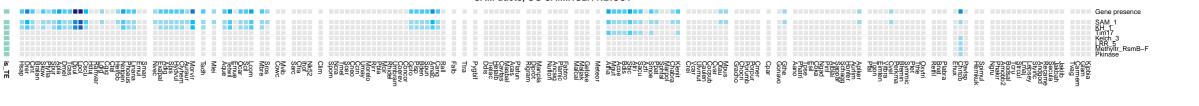
SAM duets, OG SAM.HG5.8:EPHA1/EPHA2/EPHA3/EPHA4/EPHA5/EPHA6/EPHA7/EPHA8/EPHA10/EPHB1/EPHB2/EPHB3/EPHB4/EPHB6



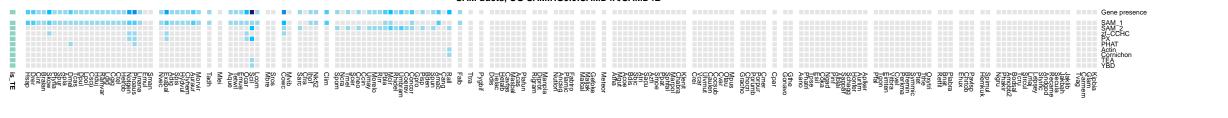
SAM duets, OG SAM.HG1.6:WDSUB1



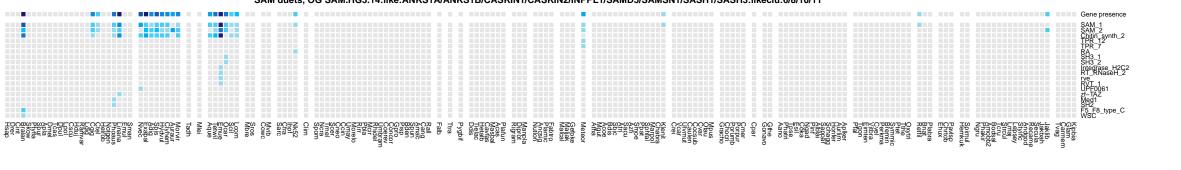




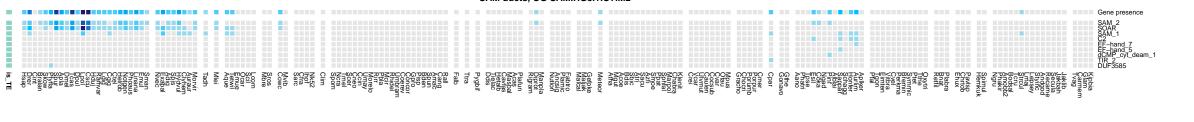
SAM duets, OG SAM.HG9.0:SAMD4A/SAMD4B



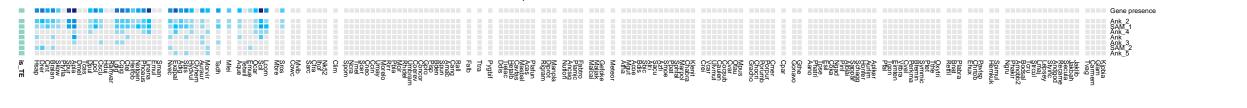
SAM duets, OG SAM.HG3.14:like:ANKS1A/ANKS1B/CASKIN1/CASKIN2/INPPL1/SAMD5/SAMSN1/SASH1/SASH3:likeclu:6/8/10/11



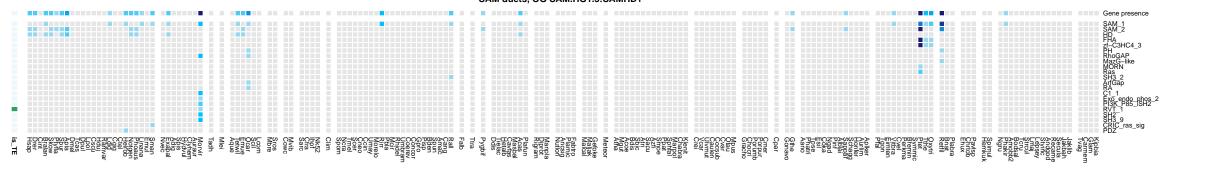
SAM duets, OG SAM.HG8.1:STIM2



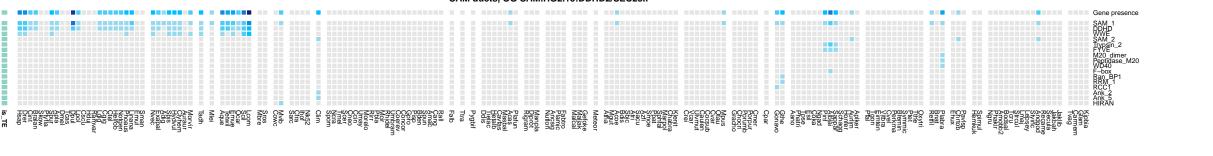
SAM duets, OG SAM.HG2.18:ANKS3/ASZ1



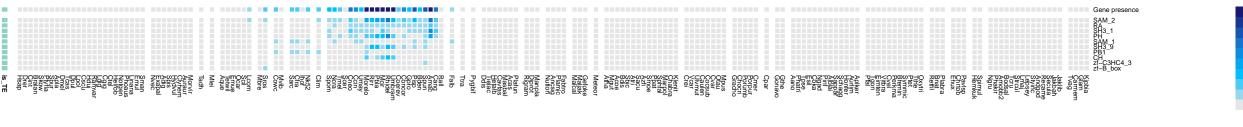
SAM duets, OG SAM.HG1.3:SAMHD1



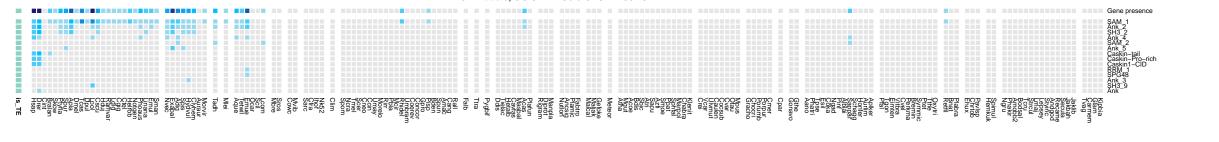
SAM duets, OG SAM.HG2.15:DDHD2/SEC23IP



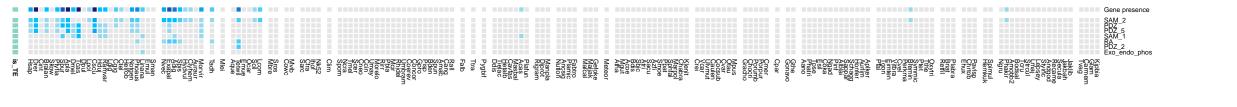
SAM duets, OG SAM.HG1.16:like:AL357075.4/CNKSR1/CNKSR2/CNKSR3:likeclu:12



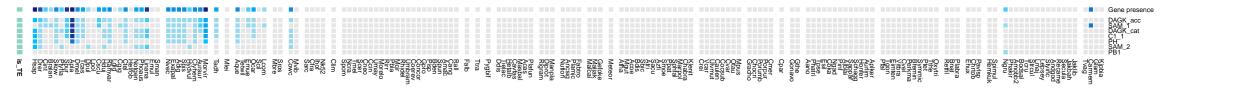
SAM duets, OG SAM.HG3.8:CASKIN1/CASKIN2



SAM duets, OG SAM.HG1.18:PPP1R9A/SAMD14



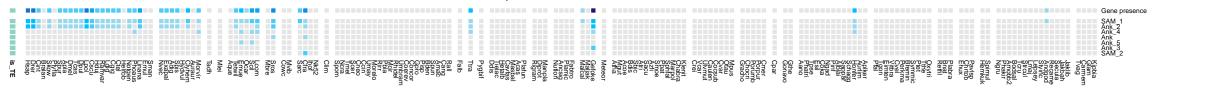
SAM duets, OG SAM.HG1.38:DGKD/DGKH

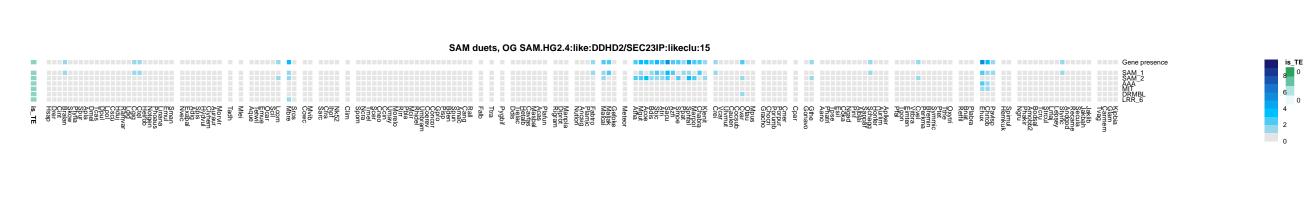


SAM duets, OG SAM.HG4.0:PHC1/PHC2/PHC3

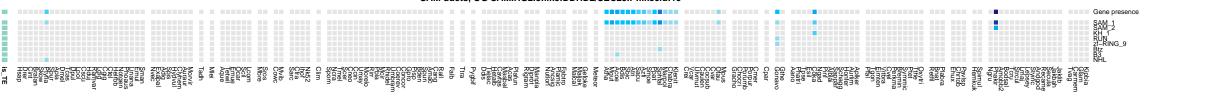


SAM duets, OG SAM.HG2.10:ANKS4B/USH1G

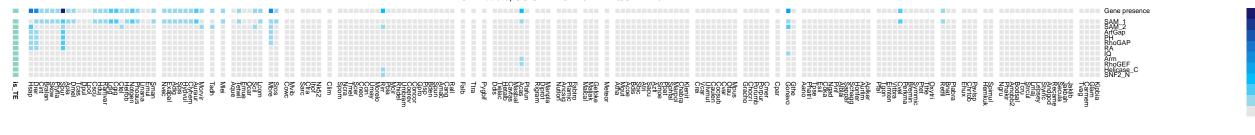




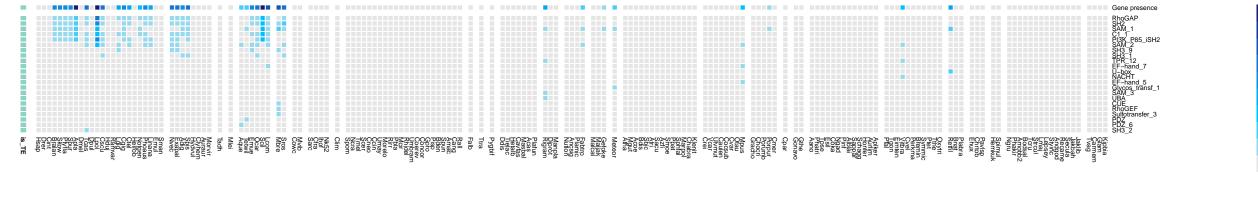
SAM duets, OG SAM.HG2.8:like:DDHD2/SEC23IP:likeclu:15



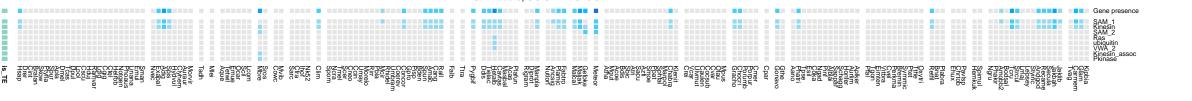
SAM duets, OG SAM.HG1.46:ARAP3/SAMD15



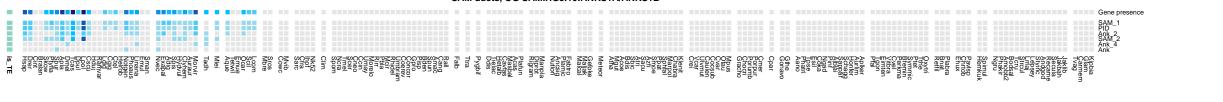
SAM duets, OG SAM.HG1.21:like:BFAR/SAMD8:likeclu:13/14



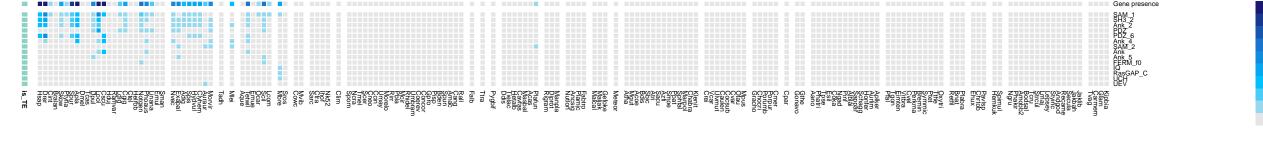
SAM duets, OG SAM.HG10.0:KIF24



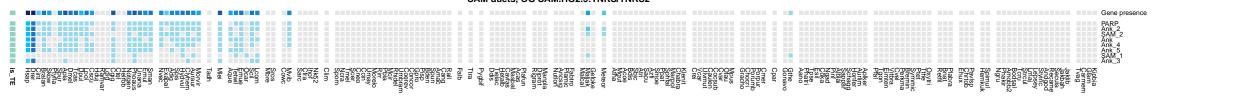
SAM duets, OG SAM.HG3.10:ANKS1A/ANKS1B



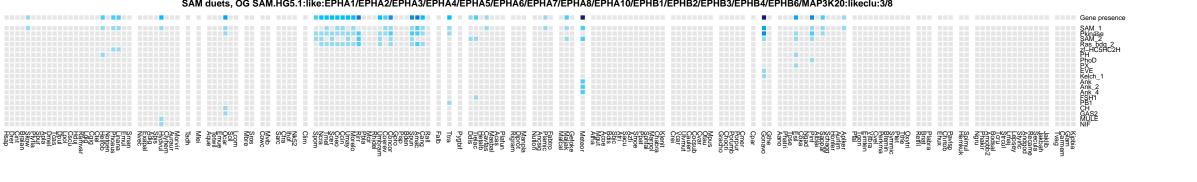
SAM duets, OG SAM.HG1.40:SHANK1/SHANK2/SHANK3



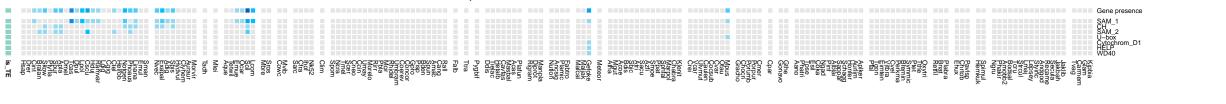
SAM duets, OG SAM.HG2.5:TNKS/TNKS2

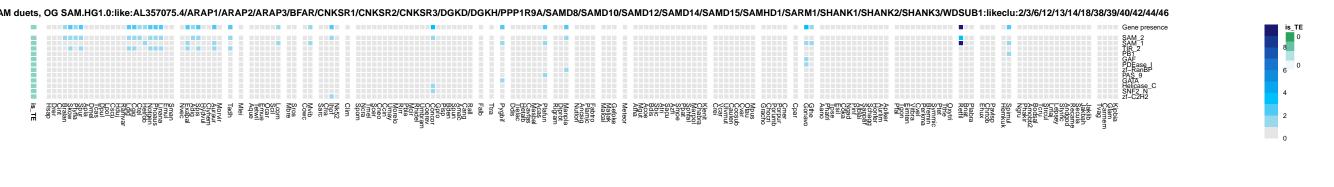


SAM duets, OG SAM.HG5.1:like:EPHA1/EPHA2/EPHA3/EPHA4/EPHA5/EPHA6/EPHA7/EPHA8/EPHA10/EPHB1/EPHB2/EPHB3/EPHB4/EPHB6/MAP3K20:likeclu:3/8



SAM duets, OG SAM.HG2.13:like:DDHD2/SEC23IP:likeclu:15

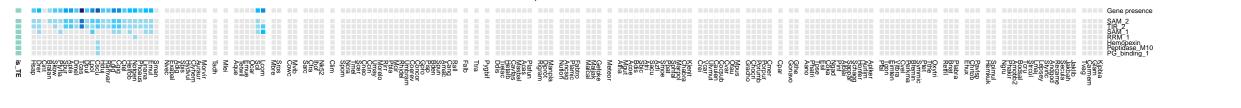




SAM duets, OG SAM.HG1.14:SAMD8



SAM duets, OG SAM.HG1.2:SARM1



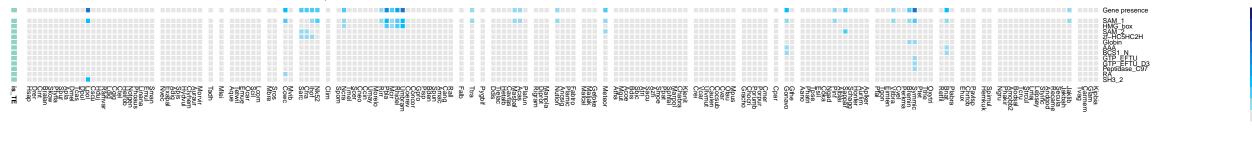
SAM duets, OG SAM.HG1.12:AL357075.4/CNKSR1/CNKSR2/CNKSR3



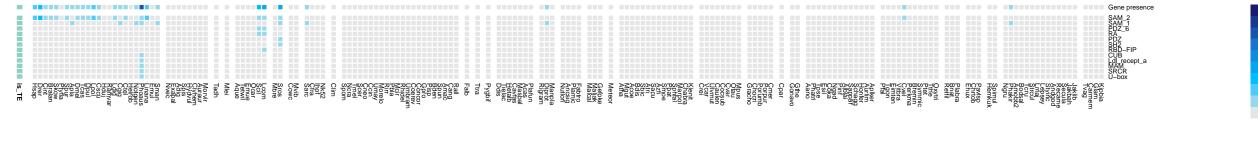
SAM duets, OG SAM.HG3.6:SAMD5/SAMSN1/SASH1/SASH3



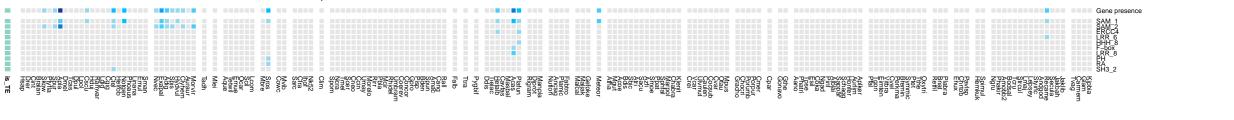
SAM duets, OG SAM.HG3.13:like:ANKS1A/ANKS1B/CASKIN1/CASKIN2/INPPL1/SAMD5/SAMSN1/SASH1/SASH3:likeclu:6/8/10/11



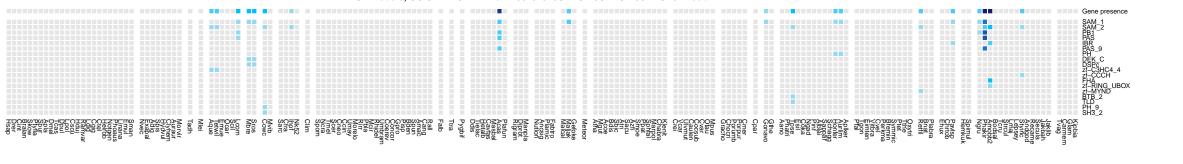
SAM duets, OG SAM.HG1.44:SAMD10/SAMD12



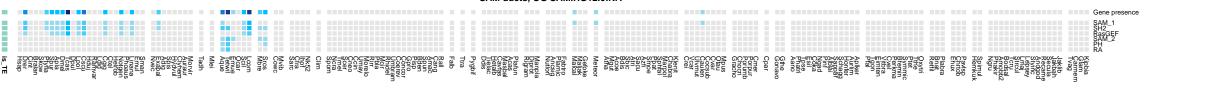
SAM duets, OG SAM.HG3.3:like:ANKS1A/ANKS1B/CASKIN1/CASKIN2/INPPL1/SAMD5/SAMSN1/SASH1/SASH3:likeclu:6/8/10/11



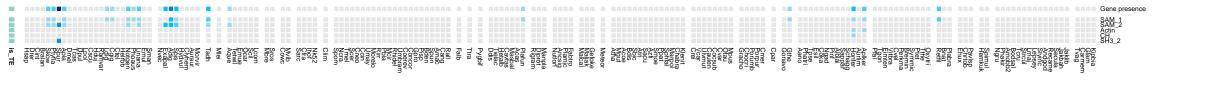
SAM duets, OG SAM.HG1.11:like:AL357075.4/CNKSR1/CNKSR2/CNKSR3:likeclu:12



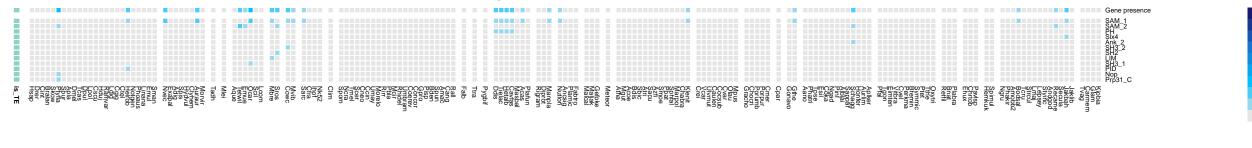
SAM duets, OG SAM.HG12.0:NA



SAM duets, OG SAM.HG3.0:like:ANKS1A/ANKS1B/CASKIN1/CASKIN2/INPPL1/SAMD5/SAMSN1/SASH1/SASH3:likeclu:6/8/10/11

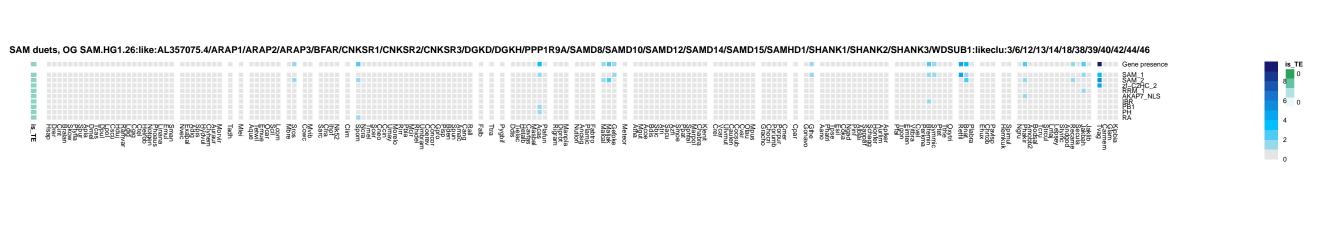


SAM duets, OG SAM.HG3.12:like:INPPL1:likeclu:11

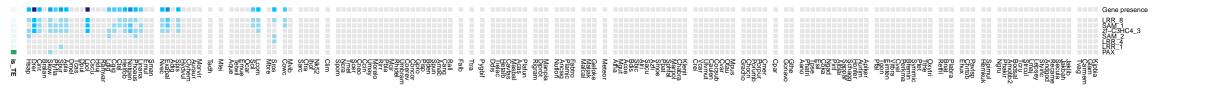


SAM duets, OG SAM.HG5.3:MAP3K20





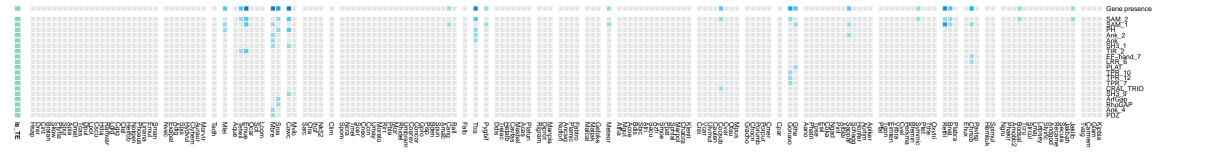
SAM duets, OG SAM.HG11.1:LRSAM1



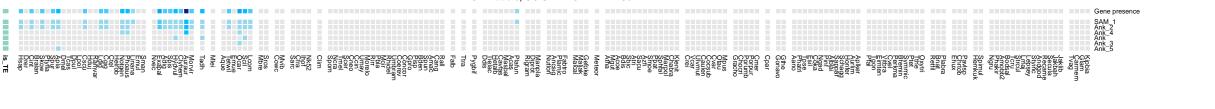
SAM duets, OG SAM.HG7.10:NA



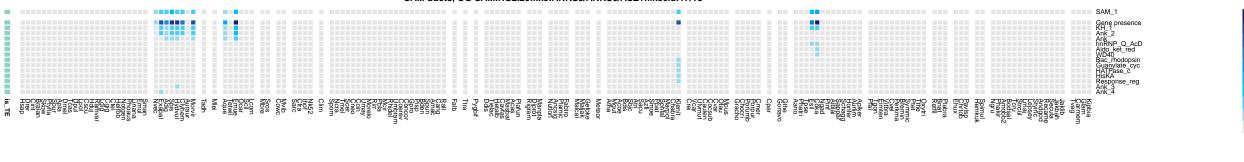




SAM duets, OG SAM.HG2.17:ANKS6



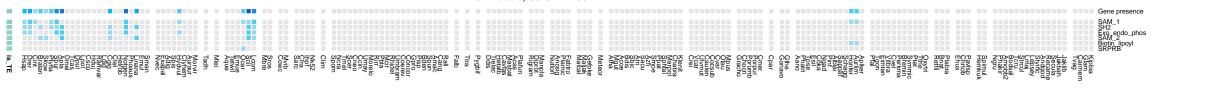
SAM duets, OG SAM.HG2.20:like:ANKS3/ANKS6/ASZ1:likeclu:17/18



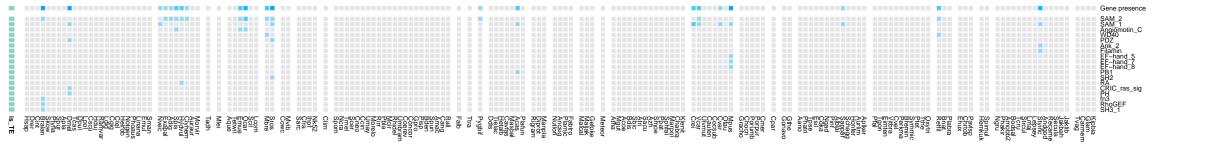
SAM duets, OG SAM.HG5.0:like:EPHA1/EPHA2/EPHA3/EPHA3/EPHA5/EPHA6/EPHA7/EPHA8/EPHA10/EPHB1/EPHB2/EPHB3/EPHB4/EPHB6/MAP3K20:likeclu:3/8

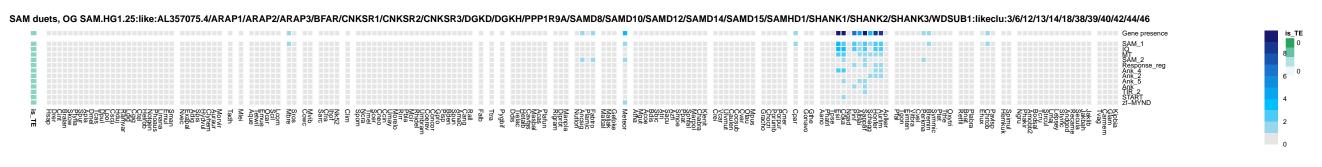


SAM duets, OG SAM.HG3.11:INPPL1

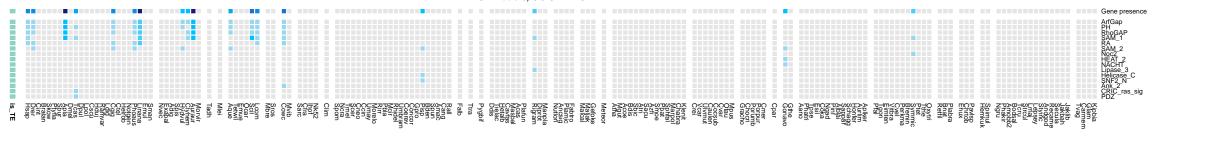




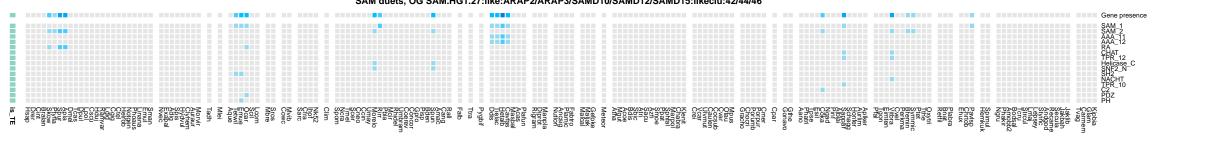




SAM duets. OG SAM.HG1.42:ARAP2



SAM duets, OG SAM.HG1.27:like:ARAP2/ARAP3/SAMD10/SAMD12/SAMD15:likeclu:42/44/46



SAM duets, OG SAM.HG7.0:NA



SAM duets, OG SAM.HG1.10:like:WDSUB1:likeclu:6

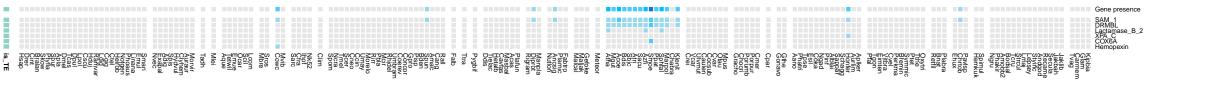


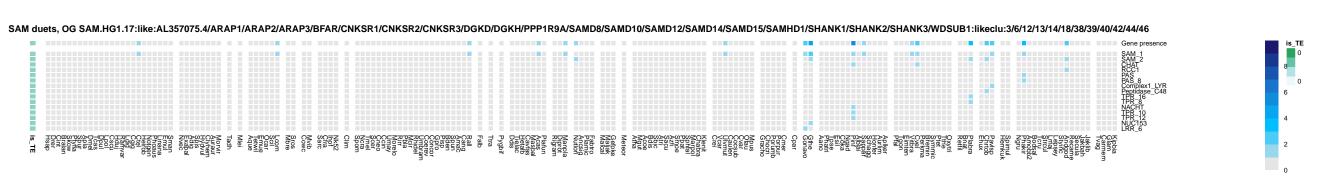
SAM duets, OG SAM.HG13.0:NA



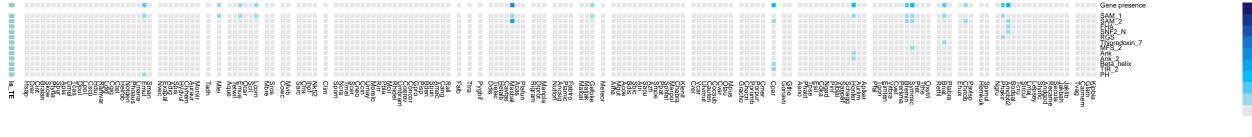


SAM duets, OG SAM.HG2.0:like:ANKS3/ANKS4B/ANKS6/ASZ1/BICC1/DDHD2/SEC23IP/TNKS/TNKS2/USH1G:likeclu:5/10/11/15/17/18

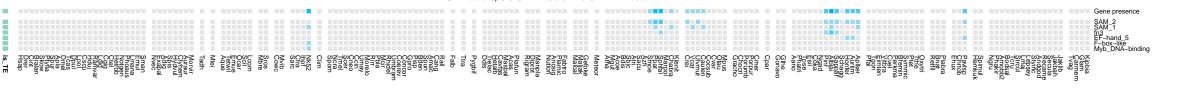




SAM duets, OG SAM.HG1.20:like:BFAR/SAMD8:likeclu:13/14

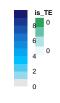


SAM duets, OG SAM.HG8.0:like:STIM2:likeclu:1



SAM duets, OG SAM.HG14.0:SAMD3





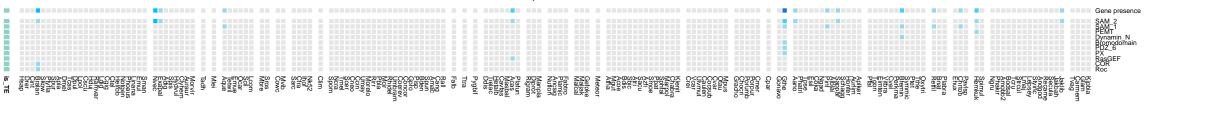
SAM duets, OG SAM.HG7.3:NA





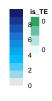


SAM duets, OG SAM.HG7.1:NA



SAM duets, OG SAM.HG3.17:like:INPPL1:likeclu:11

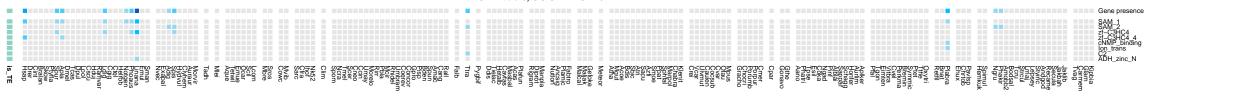


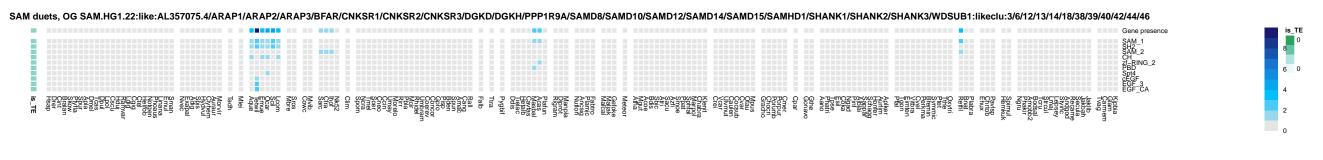


SAM duets, OG SAM.HG7.8:NA

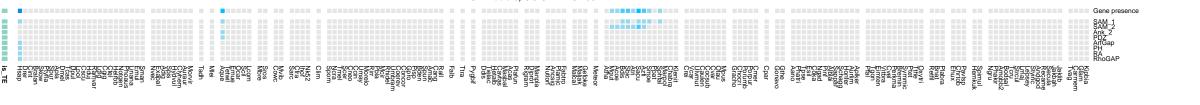


SAM duets. OG SAM.HG1.13:BFAR

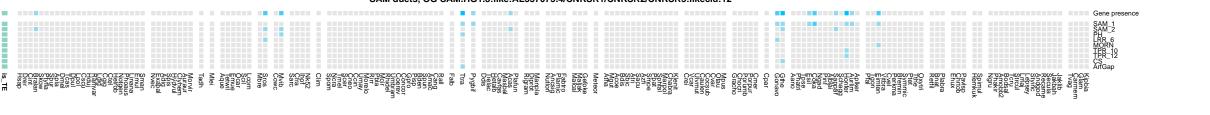








SAM duets, OG SAM.HG1.8:like:AL357075.4/CNKSR1/CNKSR2/CNKSR3:likeclu:12



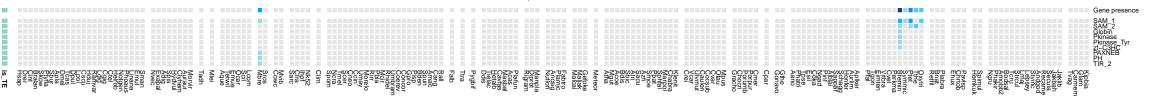
SAM duets, OG SAM.HG5.5:like:EPHA1/EPHA2/EPHA3/EPHA4/EPHA5/EPHA6/EPHA7/EPHA8/EPHA1/EPHB1/EPHB2/EPHB3/EPHB4/EPHB6:likeclu:8



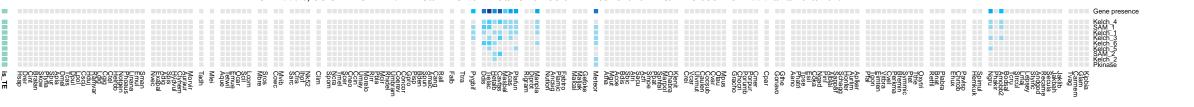
SAM duets, OG SAM.HG7.6:NA



SAM duets, OG SAM.HG16.0:NA



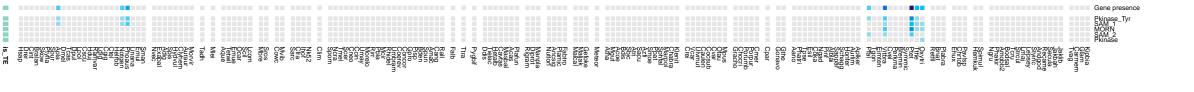
SAM duets, OG SAM.HG2.1:like:ANKS3/ANKS4B/ANKS6/ASZ1/BICC1/DDHD2/SEC23IP/TNKS/TNKS2/USH1G:likeclu:5/10/11/15/17/18



SAM duets, OG SAM.HG3.9:like:ANKS1A/ANKS1B:likeclu:10



SAM duets, OG SAM.HG5.2:like:EPHA1/EPHA2/EPHA3/EPHA4/EPHA5/EPHA6/EPHA6/EPHA8/EPHA10/EPHB1/EPHB2/EPHB3/EPHB4/EPHB6/MAP3K20:likeclu:3/8



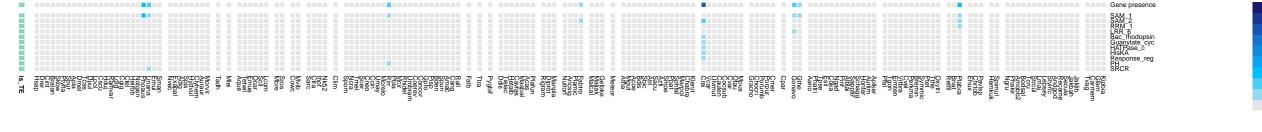
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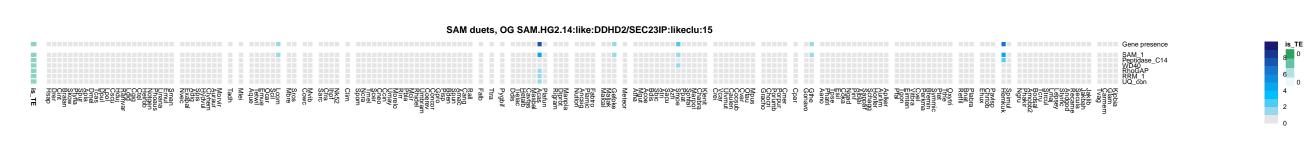


SAM duets, OG SAM.HG17.0:NA

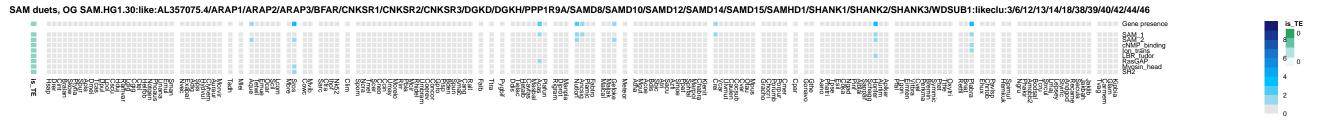


SAM duets, OG SAM.HG2.12:like:DDHD2/SEC23IP:likeclu:15

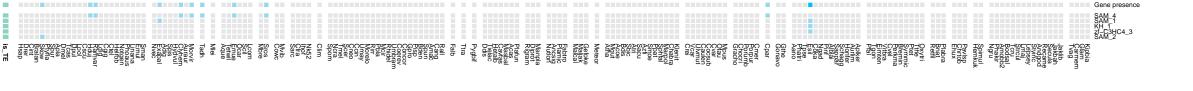




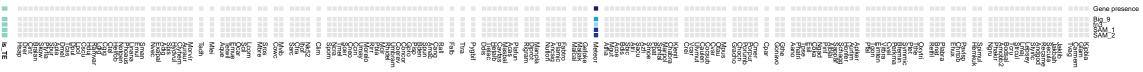




SAM duets, OG SAM.HG11.0:like:LRSAM1:likeclu:1



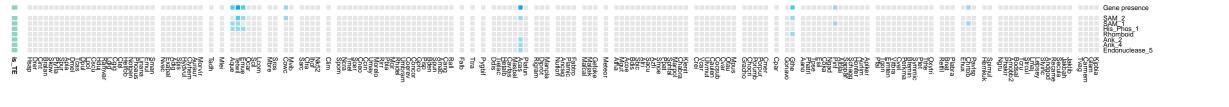
SAM duets, OG SAM.HG3.19:like:INPPL1:likeclu:11



SAM duets, OG SAM.HG7.7:NA



SAM duets, OG SAM.HG1.29:like:BFAR/SAMD8:likeclu:13/14

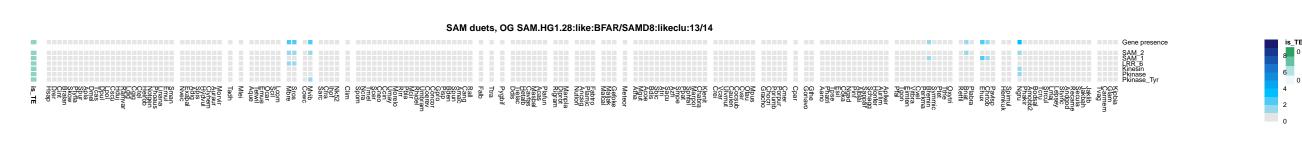


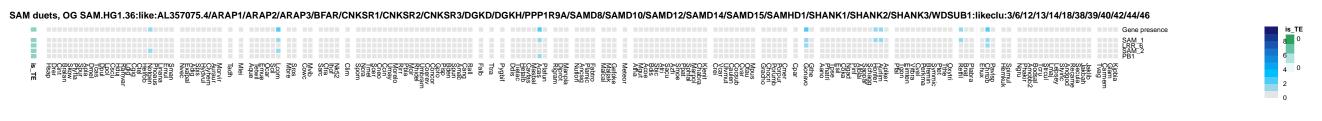
SAM duets, OG SAM.HG1.7:like:WDSUB1:likeclu:6



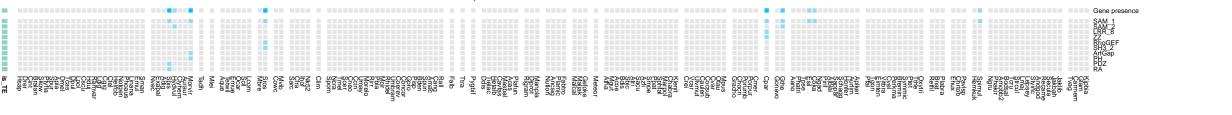
SAM duets, OG SAM.HG7.21:NA



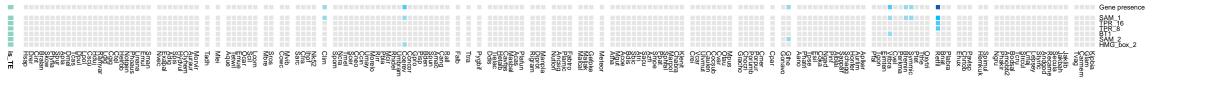




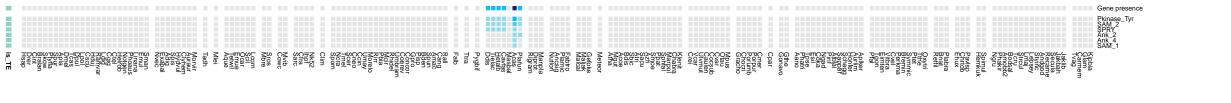
SAM duets, OG SAM.HG1.37:like:DGKD/DGKH:likeclu:38



SAM duets, OG SAM.HG3.7:like:ANKS1A/ANKS1B/CASKIN1/CASKIN2/INPPL1/SAMD5/SAMSN1/SASH1/SASH3:likeclu:6/8/10/11



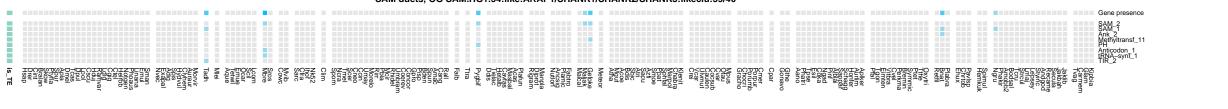
SAM duets, OG SAM.HG5.4:like:EPHA1/EPHA2/EPHA3/EPHA4/EPHA5/EPHA6/EPHA7/EPHA8/EPHA10/EPHB1/EPHB2/EPHB3/EPHB4/EPHB6:likeclu:8



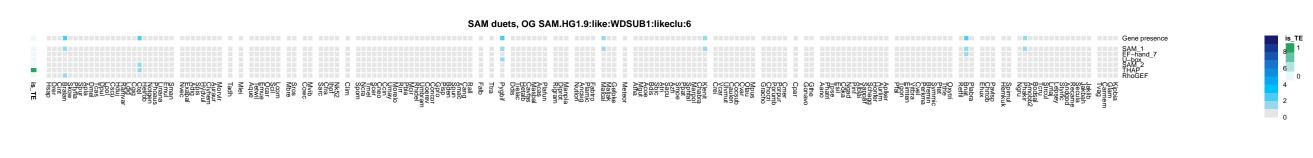
SAM duets, OG SAM.HG5.9:like:EPHA1/EPHA2/EPHA3/EPHA4/EPHA5/EPHA6/EPHA7/EPHA8/EPHA10/EPHB1/EPHB2/EPHB3/EPHB4/EPHB6:likeclu:8



SAM duets. OG SAM.HG1.34:like:ARAP1/SHANK1/SHANK2/SHANK3:likeclu:39/40



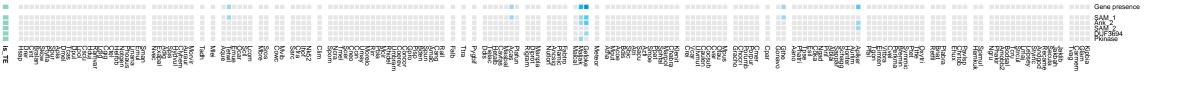




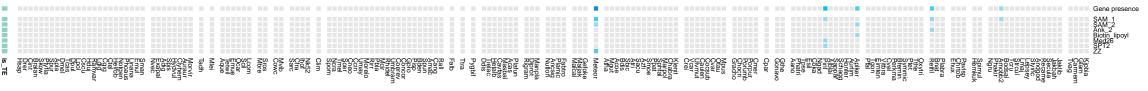
SAM duets, OG SAM.HG2.16:like:ANKS6:likeclu:17



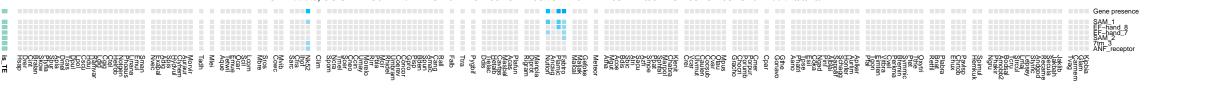
SAM duets, OG SAM.HG2.3:like:ANKS3/ANKS4B/ANKS6/ASZ1/BICC1/DDHD2/SEC23IP/TNKS/TNKS2/USH1G:likeclu:5/10/11/15/17/18

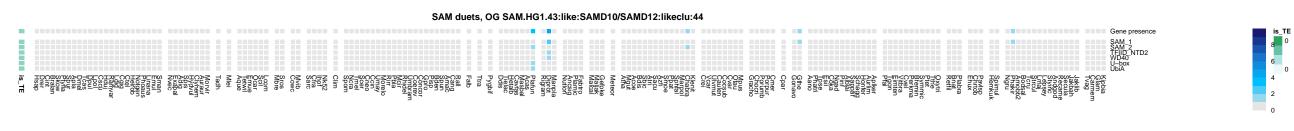


SAM duets, OG SAM.HG3.16:like:INPPL1:likeclu:11

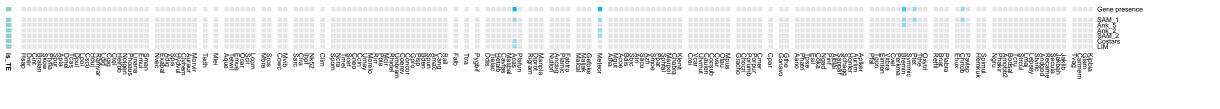


SAM duets, OG SAM.HG3.2:like:ANKS1A/ANKS1B/CASKIN1/CASKIN2/INPPL1/SAMD5/SAMSN1/SASH1/SASH3:likeclu:6/8/10/11





SAM duets, OG SAM.HG3.15:like:INPPL1:likeclu:11

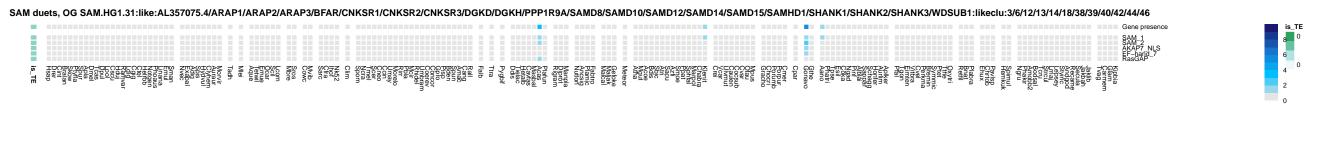


SAM duets, OG SAM.HG7.5:NA

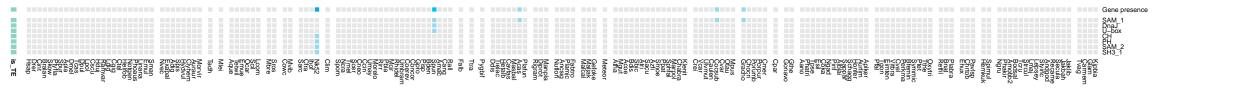


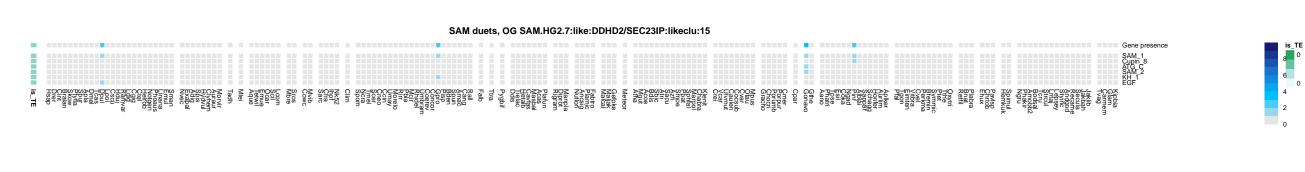
SAM duets, OG SAM.HG1.19:like:BFAR/SAMD8:likeclu:13/14





SAM duets, OG SAM.HG2.2:like:ANKS3/ANKS4B/ANKS6/ASZ1/BICC1/DDHD2/SEC23IP/TNKS/TNKS2/USH1G:likeclu:5/10/11/15/17/18

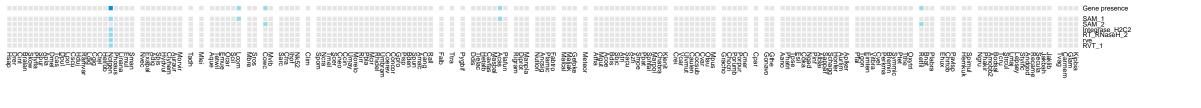




SAM duets, OG SAM.HG2.9:like:ANKS4B/USH1G:likeclu:10



SAM duets, OG SAM.HG3.1:like:ANKS1A/ANKS1B/CASKIN1/CASKIN2/INPPL1/SAMD5/SAMSN1/SASH1/SASH3:likeclu:6/8/10/11



SAM duets, OG SAM.HG3.18:like:INPPL1:likeclu:11



SAM duets, OG SAM.HG5.6:like:EPHA1/EPHA2/EPHA3/EPHA4/EPHA5/EPHA6/EPHA7/EPHA8/EPHA10/EPHB1/EPHB2/EPHB3/EPHB6:likeclu:8

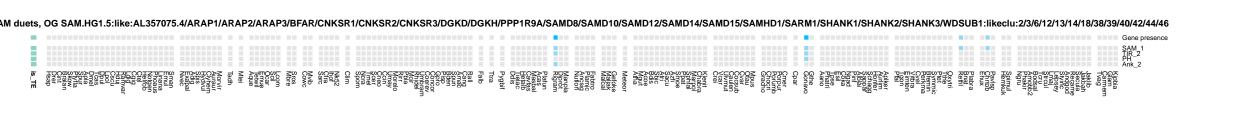


SAM duets, OG SAM.HG7.13:NA

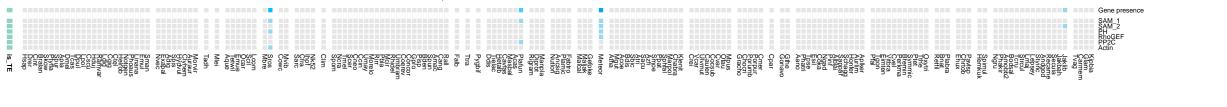


SAM duets, OG SAM.HG1.15:like:AL357075.4/CNKSR1/CNKSR2/CNKSR3:likeclu:12





SAM duets, OG SAM.HG3.5:like:SAMD5/SAMSN1/SASH1/SASH3:likeclu:6



SAM duets, OG SAM.HG7.14:NA





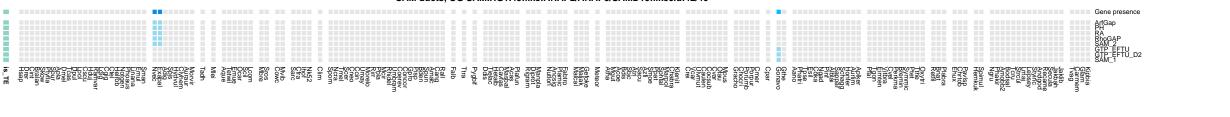
SAM duets, OG SAM.HG7.18:NA



SAM duets, OG SAM.HG1.41:like:SAMD10/SAMD12:likeclu:44



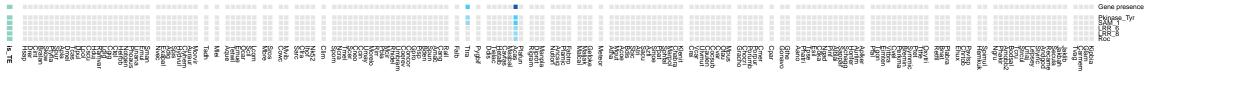
SAM duets, OG SAM, HG1.45: like: ARAP2/ARAP3/SAMD15: likeclu: 42/46



SAM duets, OG SAM.HG3.4:like:ANKS1A/ANKS1B/CASKIN1/CASKIN2:likeclu:8/10



SAM duets, OG SAM.HG5.7:like:EPHA1/EPHA2/EPHA3/EPHA4/EPHA5/EPHA6/EPHA7/EPHA8/EPHA10/EPHB1/EPHB2/EPHB3/EPHB6:likeclu:8

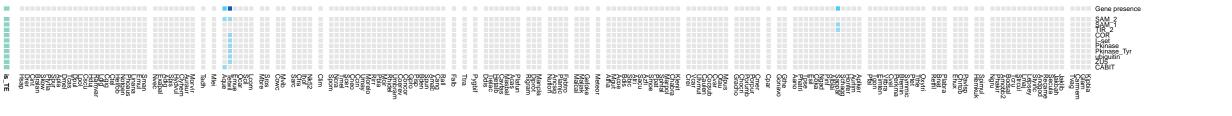


SAM duets, OG SAM.HG7.11:NA





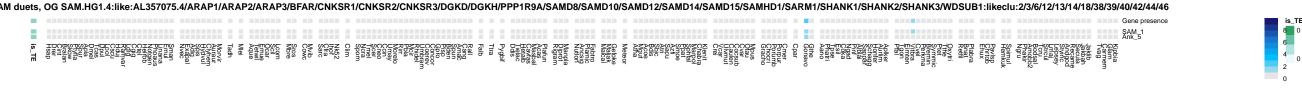
SAM duets, OG SAM.HG7.15:NA











SAM duets, OG SAM.HG2.19:like:ANKS3/ANKS6/ASZ1:likeclu:17/18





SAM duets, OG SAM.HG2.6:like:ANKS3/ANKS6/ASZ1/BICC1:likeclu:11/17/18





SAM duets, OG SAM.HG7.12:NA





SAM duets, OG SAM.HG7.16:NA





SAM duets, OG SAM.HG7.17:NA



SAM duets, OG SAM.HG7.19:NA



SAM duets, OG SAM.HG7.20:NA





SAM duets, OG SAM.HG7.22:NA





SAM duets, OG SAM.HG7.23:NA



SAM duets, OG SAM.HG7.4:NA





SAM duets, OG SAM.HG7.9:NA



SAM duets, OG SAM.HG1.47:like:SARM1:likeclu:2



SAM duets, OG SAM.HG1.48:like:BFAR/SAMD8:likeclu:13/14









SAM duets, OG SAM.HG3.20:like:ANKS1A/ANKS1B/CASKIN1/CASKIN2:likeclu:8/10



SAM duets, OG SAM.HG5.10:like:EPHA1/EPHA2/EPHA3/EPHA4/EPHA5/EPHA6/EPHA7/EPHA8/EPHA1/EPHB1/EPHB2/EPHB3/EPHB4/EPHB6/MAP3K20:likeclu:3/8





SAM duets, OG SAM.HG5.11:like:EPHA1/EPHA2/EPHA3/EPHA4/EPHA5/EPHA6/EPHA7/EPHA8/EPHA10/EPHB1/EPHB2/EPHB3/EPHB4/EPHB6:likeclu:8



SAM duets, OG SAM.HG7.24:NA



SAM duets, OG SAM.HG7.25:NA



SAM duets, OG SAM.HG7.26:NA





SAM duets, OG SAM.HG7.27:NA



SAM duets, OG SAM.HG7.28:NA



SAM duets, OG SAM.HG7.29:NA

