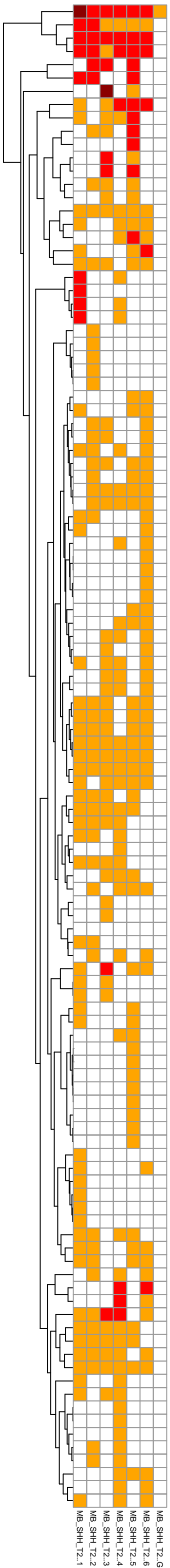


MB\_SHH\_T2



chrM:13039\_\_NONE(dist=NONE),NONE(dist=NONE)\_\_NA  
chr12:50152600\_\_TMBIM6\_\_NA  
chr22:22318672\_\_TOP3B\_\_nonsynonymous\_SNV  
chr7:94056182\_\_COL1A2\_\_NA  
chr13:39618371\_\_NHLRC3\_\_NA  
chr2:231861071\_\_SPATA3\_\_synonymous\_SNV  
chr9:138236228\_\_C9orf62\_\_nonsynonymous\_SNV  
chr5:115168268\_\_ATG12\_\_NA  
chr6:144165809\_\_LTV1\_\_NA  
chr10:18439810\_\_CACNB2(NM\_201597:exon2:c.121-2A>T,NM\_201596:exon2:c.121-2A>T,NM\_201593:exon2:c.121-2A>T,NM\_001167945:exon2:c.37-2A>T,NM\_201572:exon2:c.37-2A>T)  
chr10:18439811\_\_CACNB2(NM\_201597:exon2:c.121-1G>T,NM\_201596:exon2:c.121-1G>T,NM\_201593:exon2:c.121-1G>T,NM\_001167945:exon2:c.37-1G>T,NM\_201572:exon2:c.37-1G>T)  
chr17:74288421\_\_QRICH2\_\_nonsynonymous\_SNV  
chr17:74288422\_\_QRICH2\_\_nonsynonymous\_SNV  
chr4:79781185\_\_BMP2K\_\_NA  
chr9:69247501\_\_CBWD6\_\_NA  
chr9:66500575\_\_PTGER4P2-CDK2AP2P2\_\_NA  
chr1:93691881\_\_CCDC18\_\_NA  
chr7:94058420\_\_COL1A2\_\_NA  
chr16:47732512\_\_PHKB\_\_NA  
chr6:33402877\_\_SYNGAP1\_\_NA  
chr17:7755766\_\_KDM6B\_\_NA  
chr12:121465644\_\_OASL\_\_NA  
chr17:7755761\_\_KDM6B\_\_NA  
chr17:7755764\_\_KDM6B\_\_NA  
chr1:41979311\_\_HIVEP3\_\_nonsynonymous\_SNV  
chr1:87045902\_\_CLCA4\_\_synonymous\_SNV  
chr3:186435608\_\_KNG1\_\_NA  
chr16:67315127\_\_PLEKHG4\_\_NA  
chr5:145377383\_\_SH3RF2\_\_NA  
chr21:10715055\_\_TEKT4P2(dist=746462),TPTE(dist=191688)\_\_NA  
chr3:39119961\_\_WDR48\_\_NA  
chr22:29117550\_\_CHEK2\_\_NA  
chr22:29117553\_\_CHEK2\_\_NA  
chr22:32620158\_\_SLC5A4\_\_NA  
chr1:40756385\_\_ZMPSTE24\_\_NA  
chr1:40756381\_\_ZMPSTE24\_\_NA  
chr15:85410490\_\_ALPK3\_\_NA  
chr15:85410491\_\_ALPK3\_\_NA  
chr21:10733872\_\_TEKT4P2(dist=765279),TPTE(dist=172871)\_\_NA  
chr2:179548954\_\_TTN\_\_NA  
chr7:94058421\_\_COL1A2\_\_NA  
chr10:78868168\_\_KCNMA1\_\_NA  
chr7:35053027\_\_DPY19L1\_\_NA  
chr7:38281916\_\_STARD3NL(dist=11644),TARP(dist=17328)\_\_NA  
chr7:38281918\_\_STARD3NL(dist=11646),TARP(dist=17326)\_\_NA  
chr16:47732511\_\_PHKB\_\_NA  
chr2:202531200\_\_MPP4\_\_NA  
chr1:236385473\_\_ERO1LB\_\_NA  
chr12:64017698\_\_DPY19L2\_\_NA  
chr4:152200991\_\_PRSS48\_\_synonymous\_SNV  
chr6:123581805\_\_TRDN\_\_NA  
chr6:39152285\_\_SAYSD1(dist=69420),KCNK5(dist=4462)\_\_NA  
chr20:18466510\_\_RBBP9\_\_NA  
chr20:18466511\_\_RBBP9\_\_NA  
chr21:11089422\_\_BAGE,BAGE2,BAGE3,BAGE4,BAGE5\_\_NA  
chr10:116228096\_\_ABLIM1\_\_NA  
chr10:116228097\_\_ABLIM1\_\_NA  
chr10:120920301\_\_SFXN4\_\_NA  
chr8:120818375\_\_TAF2\_\_NA  
chr21:11050038\_\_BAGE2,BAGE3,BAGE4,BAGE5\_\_NA  
chr9:66461634\_\_SPATA31A5(dist=952024),PTGER4P2-CDK2AP2P2(dist=32635)\_\_NA  
chr9:68416247\_\_ANKRD20A3(dist=445954),LOC642236(dist=11536)\_\_NA  
chr7:35131355\_\_DPY19L2P1\_\_NA  
chr16:33041063\_\_SLC6A10P(dist=144600),TP53TG3C(dist=164522)\_\_NA  
chr21:11065906\_\_BAGE,BAGE2,BAGE3,BAGE4,BAGE5\_\_NA  
chr13:21523113\_\_LINC00367\_\_NA  
chr3:123650453\_\_CCDC14\_\_NA  
chr22:18077387\_\_ATP6V1E1\_\_NA  
chr9:134010423\_\_NUP214\_\_NA  
chr17:7756032\_\_KDM6B\_\_NA  
chr1:150315728\_\_PRPF3\_\_NA  
chr14:74983492\_\_LTBP2\_\_NA  
chr5:13886244\_\_DNAH5\_\_NA  
chr14:21108803\_\_OR6S1\_\_NA  
chr14:21108804\_\_OR6S1\_\_NA  
chr12:104379515\_\_TDG\_\_NA  
chr7:12511563\_\_VWDE(dist=67711),SCIN(dist=98640)\_\_NA  
chr11:1651178\_\_KRTAP5-5\_\_synonymous\_SNV  
chr11:77824781\_\_RNU6-83P\_\_NA  
chr4:39083763\_\_KLHL5\_\_nonsynonymous\_SNV  
chr1:23409721\_\_KDM1A\_\_nonsynonymous\_SNV  
chr11:63997583\_\_DNAJC4;NUDT22\_\_NA  
chr15:66727689\_\_MAP2K1\_\_NA  
chr4:145059406\_\_GYPA\_\_NA  
chr1:171553559\_\_PRRC2C\_\_nonsynonymous\_SNV  
chr2:204637729\_\_CD28(dist=34093),CTLA4(dist=94782)\_\_NA  
chr19:55044236\_\_KIR3DX1\_\_NA  
chr1:16937371\_\_NBPF1\_\_NA  
chr5:140027612\_\_IK\_\_NA  
chr3:69053512\_\_EOGT\_\_NA  
chr2:17952668\_\_GEN1\_\_NA  
chr7:100608268\_\_ACHE(dist=114676),MUC12(dist=4636)\_\_NA  
chr2:43937723\_\_PLEKHH2\_\_NA  
chr12:122762763\_\_CLIP1\_\_NA  
chr17:7990565\_\_ALOX12B\_\_NA  
chr11:63978675\_\_FERMT3\_\_NA  
chr1:237060612\_\_MTR\_\_NA  
chr14:60007391\_\_CCDC175(NM\_001164399:exon12:c.1355+2T>A)\_\_NA  
chr17:17931884\_\_ATPAF2\_\_NA  
chr12:105432063\_\_ALDH1L2\_\_NA  
chr21:11043242\_\_BAGE2,BAGE3,BAGE4,BAGE5\_\_NA  
chr1:142535833\_\_NONE(dist=NONE),ANKRD20A12P(dist=161588)\_\_NA  
chr1:21102502\_\_HP1BP3\_\_NA  
chr1:210414880\_\_SERTAD4\_\_NA  
chr12:97311392\_\_NEDD1\_\_NA  
chr7:56894413\_\_LOC101928401(dist=288590),LOC100130849(dist=48665)\_\_NA  
chr8:128099601\_\_PRNCR1\_\_NA  
chr18:55335786\_\_RP11-35G9.3\_\_NA  
chr16:437277\_\_LOC100134368\_\_NA  
chr16:437279\_\_LOC100134368\_\_NA  
chr21:11120016\_\_BAGE(dist=21079),NONE(dist=NONE)\_\_NA  
chr14:23744826\_\_HOMEZ\_\_nonsynonymous\_SNV  
chr14:96916232\_\_AK7\_\_NA



MB\_SHH\_T2.1  
MB\_SHH\_T2.2  
MB\_SHH\_T2.3  
MB\_SHH\_T2.4  
MB\_SHH\_T2.5  
MB\_SHH\_T2.6  
MB\_SHH\_T2.GL