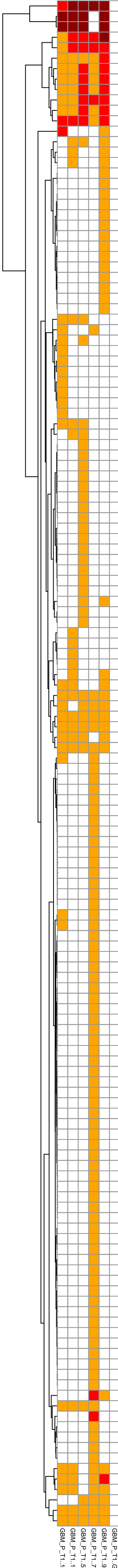


GBM\_P\_T1



chr17:8093292\_C17orf59\_nonsynonymous\_SNV  
 chr6:10891844\_SYCP2L\_NA  
 chr6:10891846\_SYCP2L\_NA  
 chr11:5593198\_OR52H1(dist=26445),OR52B6(dist=8909)\_NA  
 chr12:109684039\_ACACB\_nonsynonymous\_SNV  
 chr4:2306548\_ZFYVE28\_nonsynonymous\_SNV  
 chr12:57440817\_MYO1A\_NA  
 chr5:140579943\_PCDHB11\_nonsynonymous\_SNV  
 chrX:140993658\_MAGEC1\_synonymous\_SNV  
 chr8:22005950\_LGI3\_nonsynonymous\_SNV  
 chr19:58220317\_ZNF154\_nonsynonymous\_SNV  
 chrX:107160840\_MID2\_nonsynonymous\_SNV  
 chr12:109994453\_MMAB\_NA  
 chr12:93155355\_PLEKHG7\_NA  
 chr1:50661394\_ELAVL4\_nonsynonymous\_SNV  
 chr6:49494409\_GLYATL3\_nonsynonymous\_SNV  
 chr3:122338720\_PARP15\_NA  
 chrX:48374624\_PORCN\_NA  
 chr3:42605134\_SEC22C\_nonsynonymous\_SNV  
 chr14:65230456\_SPTB\_NA  
 chr14:99879378\_SETD3\_synonymous\_SNV  
 chr11:46780588\_CKAP5\_nonsynonymous\_SNV  
 chr1:16558576\_RSG1\_synonymous\_SNV  
 chr17:12899792\_ELAC2\_NA  
 chr9:34096706\_DCAF12\_NA  
 chr16:21689763\_OTOA\_NA  
 chr10:4879770\_AKR1E2\_nonsynonymous\_SNV  
 chr9:140120317\_C9orf169\_stopgain\_SNV  
 chr14:69919952\_SLC39A9\_NA  
 chr15:23685009\_GOLGA8S(dist=71538),MIR4508(dist=122200)\_NA  
 chr4:49103506\_CWH43(dist=39411),NONE(dist=NONE)\_NA  
 chr6:27278134\_POM121L2\_nonsynonymous\_SNV  
 chr10:75874190\_VCL\_NA  
 chr17:39925152\_JUP\_NA  
 chr12:110765891\_ATP2A2\_NA  
 chr2:220472966\_STK11IP\_nonsynonymous\_SNV  
 chr8:145626070\_CPSF1\_nonsynonymous\_SNV  
 chr3:88199343\_C3orf38\_NA  
 chr17:80021315\_DUS1L\_NA  
 chr19:16337313\_AP1M1\_nonsynonymous\_SNV  
 chr19:55703341\_PTPRH\_NA  
 chr4:76474792\_THAP6(dist=19556),C4orf26(dist=6466)\_NA  
 chr19:5832399\_FUT6\_synonymous\_SNV  
 chr11:7693769\_CYB5R2\_NA  
 chr3:41759242\_ULK4\_synonymous\_SNV  
 chr13:73347846\_DIS3\_nonsynonymous\_SNV  
 chr6:35764556\_CLPS\_NA  
 chr1:151144129\_TMOD4\_nonsynonymous\_SNV  
 chr17:17722921\_SREBF1\_synonymous\_SNV  
 chr7:134849457\_TMEM140\_stopgain\_SNV  
 chr20:44486479\_ZSWIM3\_nonsynonymous\_SNV  
 chr16:89653068\_CPNE7\_NA  
 chr17:55187507\_AKAP1\_synonymous\_SNV  
 chr2:241713721\_KIF1A\_NA  
 chr7:44571863\_NPC1L1\_NA  
 chr13:48893101\_RB1\_NA  
 chr9:136660880\_VAV2\_NA  
 chr3:54420721\_CACNA2D3\_NA  
 chr6:152539574\_SYNE1\_NA  
 chr6:7301773\_SSR1\_nonsynonymous\_SNV  
 chr6:7891843\_BLOC1S5-TXNDC5\_NA  
 chr3:51937348\_IQCF1\_NA  
 chr16:3594335\_NLRC3\_NA  
 chr19:31767554\_TSHZ3\_nonsynonymous\_SNV  
 chr1:235955462\_LYST\_NA  
 chr2:189926229\_COL5A2\_NA  
 chr13:24895566\_C1QTNF9\_nonsynonymous\_SNV  
 chr4:49273173\_CWH43(dist=209078),NONE(dist=NONE)\_NA  
 chr1:143378242\_ANKRD20A12P(dist=664637),MIR6077-1(dist=294679)\_NA  
 chr2:170127382\_LRP2\_NA  
 chr11:113073053\_NCAM1\_NA  
 chr9:5231708\_INSL4\_nonsynonymous\_SNV  
 chr17:27064863\_NEK8\_nonsynonymous\_SNV  
 chr5:178952039\_ADAMTS2(dist=179608),RUFY1(dist=25523)\_NA  
 chr16:46421153\_NONE(dist=NONE),ANKRD26P1(dist=82096)\_NA  
 chr10:93244929\_LOC100188947\_NA  
 chrX:44919480\_KDM6A\_NA  
 chr11:123811004\_OR4D5\_nonsynonymous\_SNV  
 chr14:50641264\_SOS2\_nonsynonymous\_SNV  
 chr6:30859254\_DDR1\_synonymous\_SNV  
 chr21:45651331\_ICOSLG\_NA  
 chr17:74077842\_EXOC7\_NA  
 chr17:27009750\_SUPT6H\_nonsynonymous\_SNV  
 chr1:26349364\_EXTL1\_nonsynonymous\_SNV  
 chr1:165173141\_LMX1A\_nonsynonymous\_SNV  
 chr10:61835118\_ANK3\_nonsynonymous\_SNV  
 chr11:102567207\_MMP27\_nonsynonymous\_SNV  
 chr1:233336042\_PCNXL2\_NA  
 chr6:31732210\_MSH5-SAPCD1\_NA  
 chr1:225341430\_DNAH14\_NA  
 chr6:134493814\_SGK1\_synonymous\_SNV  
 chr22:37263365\_NCF4\_NA  
 chr1:19584955\_MRTO4\_NA  
 chr2:237074609\_GBX2\_nonsynonymous\_SNV  
 chr1:60314739\_HOOK1\_NA  
 chr12:121469385\_OASL\_nonsynonymous\_SNV  
 chr17:3945764\_ZZEF1\_nonsynonymous\_SNV  
 chr8:28900228\_HMBOX1\_NA  
 chr5:156752581\_CYFIP2\_synonymous\_SNV  
 chr17:18063380\_MYO15A\_NA  
 chr19:10218424\_PPAN,PPAN-P2RY11\_NA  
 chr12:9262584\_A2M\_nonsynonymous\_SNV  
 chr10:135076589\_ADAM8\_NA  
 chr17:41352256\_NBR1\_nonsynonymous\_SNV  
 chr1:36644863\_MAP7D1\_nonsynonymous\_SNV  
 chr22:25275509\_SGSM1\_NA  
 chr20:60990703\_RBBP8NL\_synonymous\_SNV  
 chr13:38933426\_UFM1\_NA  
 chr17:3819415\_P2RX1\_synonymous\_SNV  
 chr10:135020487\_KNDC1\_NA  
 chrX:41333967\_NYX\_nonsynonymous\_SNV  
 chr9:134002952\_NUP214\_nonsynonymous\_SNV  
 chr3:53531532\_CACNA1D\_NA  
 chr2:219614762\_TTLL4\_nonsynonymous\_SNV  
 chr19:17838502\_MAP1S\_stopgain\_SNV  
 chr10:72291067\_PALD1\_synonymous\_SNV  
 chr16:71961525\_IST1\_nonsynonymous\_SNV  
 chr12:23998907\_SOX5\_NA  
 chr17:61559789\_ACE\_NA  
 chrX:32503296\_DMD\_NA  
 chr1:5969252\_NPHP4\_nonsynonymous\_SNV  
 chr1:151752594\_TDRKH\_nonsynonymous\_SNV  
 chr6:52138679\_MCM3\_synonymous\_SNV  
 chr2:98162032\_ANKRD36B\_NA  
 chr2:7018212\_RSAD2\_nonsynonymous\_SNV  
 chr3:38401852\_XYLB\_nonsynonymous\_SNV  
 chr2:68546473\_CNRI1\_synonymous\_SNV  
 chr7:55241541\_EGFR\_NA  
 chr8:125577893\_MTSS1\_NA  
 chr10:104233726\_TMEM180\_synonymous\_SNV  
 chr19:16339049\_AP1M1\_NA  
 chr15:90226847\_PEX11A\_nonsynonymous\_SNV  
 chr18:21529572\_LAMA3\_NA  
 chr16:74566090\_GLG1\_NA  
 chr10:112360315\_SMC3\_NA  
 chr2:220082518\_ABCB6\_synonymous\_SNV  
 chr19:36219681\_KMT2B\_synonymous\_SNV  
 chr19:39913760\_PLEKHG2\_nonsynonymous\_SNV  
 chr12:16051024\_STRAP\_NA  
 chr6:90415802\_MDN1\_nonsynonymous\_SNV  
 chr21:43802319\_TMPRSS3\_nonsynonymous\_SNV  
 chr16:13010599\_SHISA9\_nonsynonymous\_SNV  
 chr17:65103397\_HELZ\_nonsynonymous\_SNV  
 chr1:39799063\_MACF1\_NA  
 chr11:49884024\_LOC440040(dist=52055),OR4C13(dist=89919)\_NA  
 chr3:186952402\_MASP1\_NA

