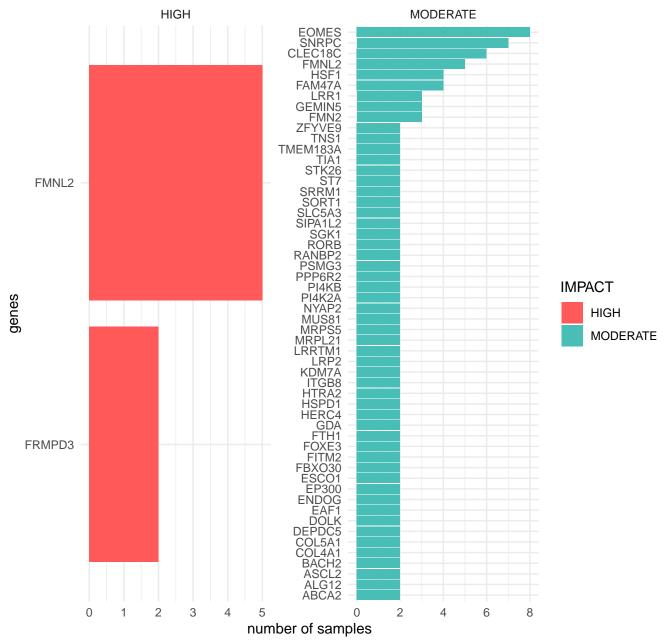
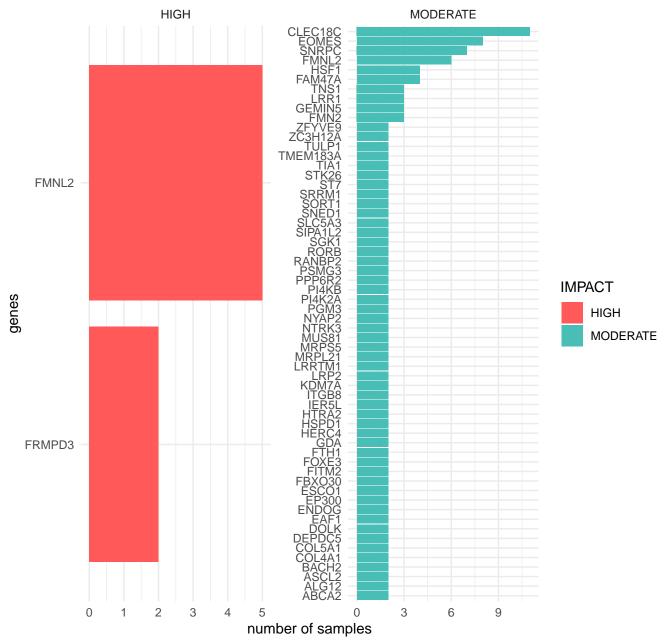


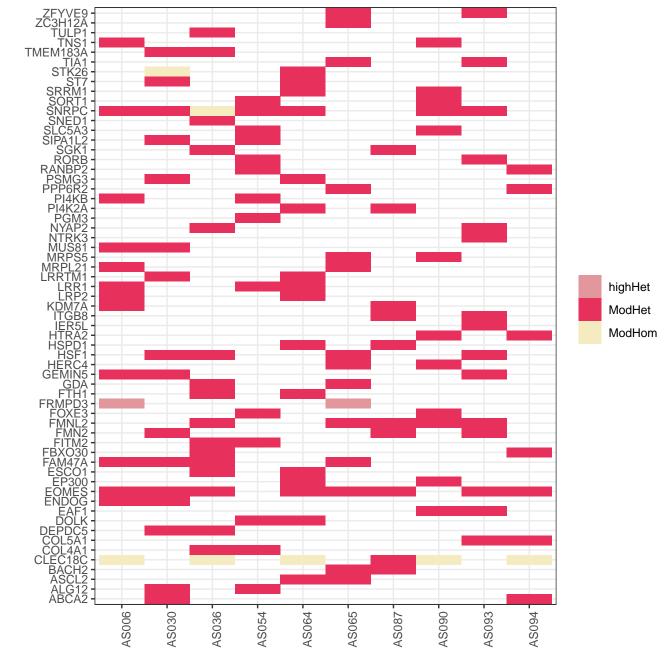
Grep_gm0.05pLI, CADD, gene lists # unique sites with data =407 AS006 AS030 AS036 AS054 7.5 5.0 2.5 0.0 alpha AS064 AS065 AS087 AS090 0.7 7.5 CADD_RAW as.factor(sumGene) 1 2 2.5 0.0 0.000.250.500.751.0**0**.000.250.500.751.00 NA AS094 AS093 7.5 5.0 2.5 0.0 0.000.250.500.751.00.000.250.500.751.00 pLIscore

Grep_gm0.05 - Genes shared among samples



Grep_gm0.05 – Genes shared among samples





ZBTB37 -	ZNF750 -	VPS16-	ZNF182 -	ZNF638 -	ZNF195 -	ZNHIT6 -	ZBED4 - XRN2 -	UTP25 -
YY1 - YIPF5 -	WDR24 -	TSG101 -	SUZ12 -	YPEL4 - XPOT -	TUT7 -	ZEB1 - ZDHHC14 -	VIRMA -	TMEM151A -
UBR3 -	WBP11 -	TRAPPC11 - TMEM131L -	SRGAP1 -	XPNPEP3 - WDR75 -		UFC1 -	USP25 - UMPS -	SPI1 -
TICAM1 -	TRAPPC11 -	SACM1L-	SPARC -	UBE3C -	TCF7L1 -	TRIM33 -	TULP4 - TTF1 -	SOS1 -
STAG2 - SRF -	TGFB2 -	RRS1 -	SP1 - SNRPA1 -	TUBGCP4 - TTI2 -	TBC1D22A -	SYDE1 - SOX13 -	SURF6 - SLC7A3 -	SDHB -
SLAIN1 -	SULF2 -	RNF4 - RCC1L -	SLC13A4 -	TRIM46 -	SPEG-	SLC33A1 -	SIK2 -	RXYLT1 -
SDF2L1 -	SLIT2 -	POLR3H -	SENP6 -	TOMM40 - TFPI -	SNX13 -	RASA1 - RACGAP1 -	SELENOI - RYR2 -	PRDM5 -
RGS19 -	SLC4A4 -	PIM3 -	SEL1L -	TBPL1 - SOS2 -		PPAT -	RTL9 - RSPRY1 -	
RAN - POGK -	SLC35C1 - SLC17A6 -	PIK3R5 -	SCUBE1 -	SENP2 -	RFC2 -	PLXNA3 -	RHOT1 - RFWD3 -	PPP1R26 -
PHF12 -	SEMA4C -	PEX5 - PAX8 -	PSME3IP1 -	RBM19 - RAPGEF6 -	RAB11FIP2 -	PEX3 - OPA1 -	PSAP -	PPP1CA -
PEX12 -	SCN1A -	NOL4 -	PRPF18 -	RAD1 -	PTPMT1 -	OBSL1 -	POLR1E - PLEKHA6 -	PNISR -
PAFAH1B1 - NELL2 -	RTN4RL2 -	NFYC -	PLOD1 -	RAB21 - PPCS -	PRR14L -	MTERF3 - MOGS -	PHF21A - NPR3 -	PLAA -
MRPS10 -	RP2 -	NFAT5 - NCAPD3 -	PHC1 -	PPARGC1B -		MLLT3 -	MYBL1 - MSL2 -	PKN2 -
MBD3 -	ROR2 -	MRPL18 -	OR8B4 - NR5A2 -	PLEKHA6 - OPN1LW -	PAK3 -	MED30 -	MED24 -	PIK3CD -
MAP2 - MAN1A2 -	RELL1 - RAB3GAP2 -	MMP14 -	MGAT2 -	NAP1L5 - MYOG -	NOM1 -	MARK4 - LRP1B -	MBD2 - LSG1 -	PHF21B -
LZTS3 -	PREP -	MED17 -	MAP3K12 -	MTMR3 -	MEGF10 -	KIF22 -	LRFN3 - LPAR3 -	NR1H2 -
JDP2 -	PPP6R1 -	MARCHF6 - LYL1 -	KANSL3 -	MRPS34 - MRPL53 -	L1CAM -	INTS4 -	KLK13 - INTS5 -	NCAPH2 -
IL2RB - GPER1 -	PMP22 -	LRP12 -	GRM3 -	METTL17 - MED24 -	HCN1 -	IDH3A - HOXD9 -	INTS13 -	MED19 -
FUT7 -	PCDH11X -	IPO11 -	ECE1 -	LNPEP -	_	GNB1L -	IL25 - HK2 -	FLVCR2 -
FOXA1 -	NDUFB7 - MAP2K4 -	INPP5A - IFNA13 -	DKK2 -	LCP2 - IL3 -	GID4 -	GGA1 - DIP2B -	GJB5 - GDF3 -	FAM155B -
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ECEL1 -	HES3 -	HEATR3 -	DCLK1 -	HHIP - HAUS3 -	DDHD1 -	DBR1 -	DHX35 - COX19 -	EML1 -
CLSTN3 -	HERPUD2 -	FAM98B -	DBN1 - COQ2 -	GTPBP4 -	COPG1 -	CWC22 - COQ5 -	CMPK1 -	DNLZ -
CCDC6 - CAMSAP1 -	GPR12 -	EGLN1 - DDN -	COQ2 -	GPHN - GNL2 -		CCDC22 -	CLUH - CLK3 -	DLST -
BUB1 -	EPC2 - EIF5B -	DCTN5 -	CNST -	FANCE - DYRK2 -	CHTOP -	C16orf70 - BRIP1 -	CFAP47 - BCLAF3 -	CFAP298 -
BORA -	DDX20 -	CSTB -	CELSR1 -	DYNC1LI1 -	CDC6 -	BRINP1 -	ATF7IP - ATAD2B -	CENPH -
BIRC3 - BHLHE40 -	CRNKL1 -	CRY2 - COPS4 -	BNIP1 -	COL4A5 - CEBPZ -	CDC42BPA -	BEGAIN -	ALAS1 -	CACNA1I-
ASPM -	CCDC12 -	BARD1 -	BMP6 -	CAAP1 -	ARHGAP1 -	ATP13A3 - ASTN1 -	AGAP3 - ADAMTS2 -	
AHCY -	ATP6V1F -	ARHGEF2 -	BBS4 -	ARHGAP21 - ALX1 -	AGO4 -	ANKHD1 -	ADAM22 - ACSL4 -	ALG9 -
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0.	6 0.	6 Q .	6 9 .	6 0.	.6 0.	.6 0.	.6 0.	0. 6