

A density plot showing the distribution of ES values. The x-axis is labeled 'ES' and ranges from -0.6 to 0.6. The y-axis is labeled 'P(ES)' and ranges from 0 to 4. A red curve represents the 'Gene Set Null Density', which is bimodal with peaks at approximately -0.25 and 0.25. A vertical black line represents the 'Observed Gene Set ES value' at approximately 0.415. The area under the red curve to the left of the observed value is shaded light red. Text labels 'Neg. ES "Malignant"' and 'Pos. ES: "Benign"' are placed below the x-axis at approximately -0.4 and 0.4 respectively. At the bottom of the plot, the following statistics are displayed: ES = 0.415 NES = 1.55 Nom. p-val= 0.024 FWER= 0.998 FDR= 1.

	Benign										Malignant									
Class																				
UTV4																				
SLC1A1																				
RYR4M																				
ORP8L1																				
ATRNLL1																				
WDR38																				
RAP80																				
PEE3																				
MAST4																				
TOM1L1																				
SCUB3																				
ACAD9B																				
SCUB3																				
SCCPDH																				
SCBD1D2																				
FAM134B																				
TSRN1																				
DUSP2																				
HIST1																				
NELL2																				
CHAD																				
PLK2																				
PDE4B																				
PPP4R1																				
RPS2																				
IRF4																				
CFBP4																				
SERHNA3																				
TOX3																				
SIL1																				
PCARP																				
CHP1																				
GATAD																				
ABAT																				
FBP5																				
TBC1D10																				
SCSL																				
GLGN																				
AVAX																				
GALNT7																				
ADRI8																				
MSMB																				
SEPH																				
SLC24A4																				
CELSG2																				
CDCO																				
PAH																				
KIF5C																				
JMJD7																				
RND																				
SCG5																				
FBP1																				
HEPL																				
EPHAX																				
CEACAM6																				
LEP																				
EVL																				
GATC2																				
CEACAM5																				
KCALD1																				
SEMA3B																				
SLC39A8																				
PTPRK																				
IKF3																				
INPP5J																				
TFF3																				
CPH1																				
ATNLI																				
CELSG3																				
FAM2																				
SLC1A5																				
SYT1																				
KIF2																				
GPR41																				
MATN3																				
TFPI																				
LMNB1																				
ESR1																				
SREBF																				
GALNT6																				
DCLL1																				
SLC4A8																				
CFHR3																				
MUC1																				
GSM721588																				
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