

Figure 1 consists of three vertically stacked panels sharing a common x-axis labeled "Gene List Index" ranging from 0 to 15,000. The top panel shows a red line graph representing the number of genes in the top 500 (y-axis, 0 to 100) versus the number of genes in the list (x-axis). The line starts at approximately 50, rises to a peak of about 100 at index 2233, and then generally declines, crossing the zero line at index 10412. A horizontal dashed line is drawn at y=50. The middle panel shows vertical black bars representing the number of gene lists with a given number of genes in the top 500. The bars are most frequent at low indices (near 0) and become sparser as the index increases. The bottom panel shows a green area graph representing the distribution of gene lists. The area is highest at low indices and tapers off towards the right. Labels "clus3" and "NON.clus3" are placed at the bottom left and right of the area graph, respectively. Text annotations "Peak at 2233" and "Zero crossing at 10412" are placed above the red line in the top panel.

ES = 0.426 NES = 1.63 Nom. p-val= 0.0504 FWER= 0.892 FDR= 0.181

	clus3										NON.clus3									
Class																				
PRKCB																				
CAMK4																				
BCL2																				
PRKCK																				
AKAP5																				
MAP3K8																				
PRKCH																				
NFATC2																				
NFATC1																				
MAP3K1																				
PIM1																				
PRKCD																				
PRKCE																				
RCAN2																				
CABIN1																				
PRKCA																				
NUP214																				
MAPK9																				
NFATC3																				
CASP3																				
GSK3B																				
KPNA2																				
MEF2D																				
XPO1																				
CREBBP																				
KPNB1																				
RAN																				
YWHAQ																				
CSNK1A1																				
EP300																				
YWHAZ																				
NR4A1																				
MAPK14																				
FKBP8																				
PPP3R																				
PRKCZ																				
MAPK3																				
YWHAH																				
PPP3CB																				
YWHA8																				
FKBP1A																				
PPP3CA																				
YWHA6																				
CHP																				
PRKACA																				
BAD																				
MAPK8																				
BAX																				
YWHA5																				
CSNK2A1																				
RCAN1																				
BCL2L1																				
SFN																				
PRKCG																				
TCGA_3X_AAVE_01																				
TCGA_W5_AA2H_01																				
TCGA_W5_AA2R_01																				
TCGA_W5_AA2U_01																				
TCGA_W5_AA30_01																				
TCGA_3X_AAV9_01																				
TCGA_3X_AAV1A_01																				
TCGA_3X_AAVB_01																				
TCGA_3X_AAVC_01																				
TCGA_4G_AAZ0_01																				
TCGA_4G_AAZT_01																				
TCGA_W5_AA2G_01																				
TCGA_W5_AA2I_01																				
TCGA_W5_AA2O_01																				
TCGA_W5_AA2Q_01																				
TCGA_W5_AA2T_01																				
TCGA_W5_AA2W_01																				
TCGA_W5_AA2X_01																				
TCGA_W5_AA2Z_01																				
TCGA_W5_AA31_01																				
TCGA_W5_AA33_01																				
TCGA_W5_AA34_01																				
TCGA_W5_AA36_01																				
TCGA_W5_AA38_01																				
TCGA_W5_AA39_01																				
TCGA_W6_AA0S_01																				
TCGA_WD_A7RX_01																				
TCGA_YR_A95A_01																				
TCGA_ZD_A813_01																				
TCGA_ZH_A8Y1_01																				
TCGA_ZH_A8Y2_01																				
TCGA_ZH_A8Y4_01																				
TCGA_ZH_A8Y5_01																				
TCGA_ZH_A8Y6_01																				
TCGA_ZH_A8Y8_01																				
TCGA_ZU_A8S4_01																				