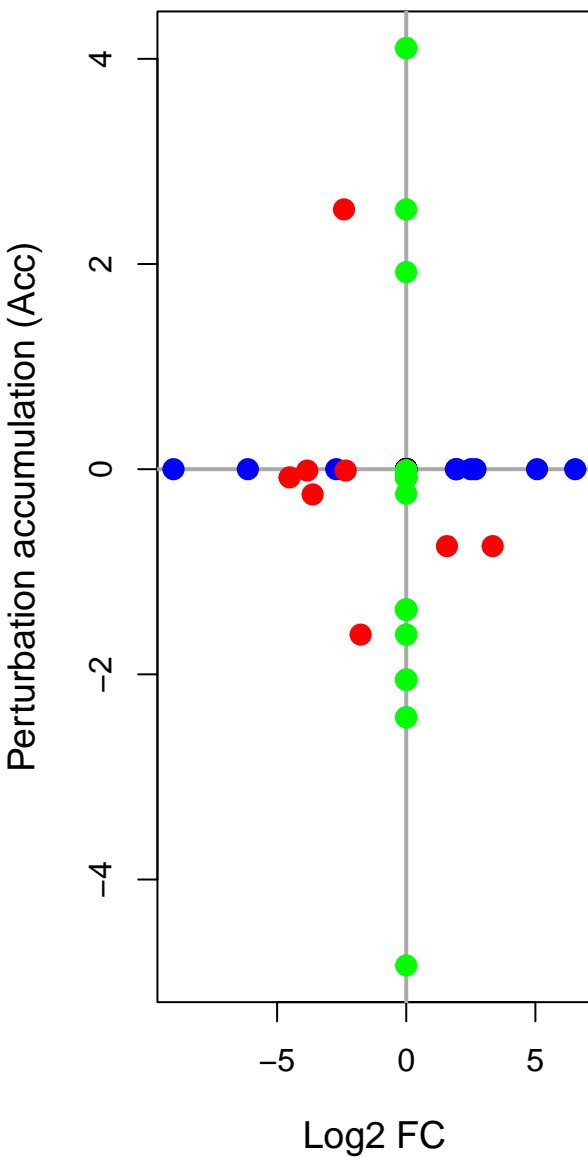
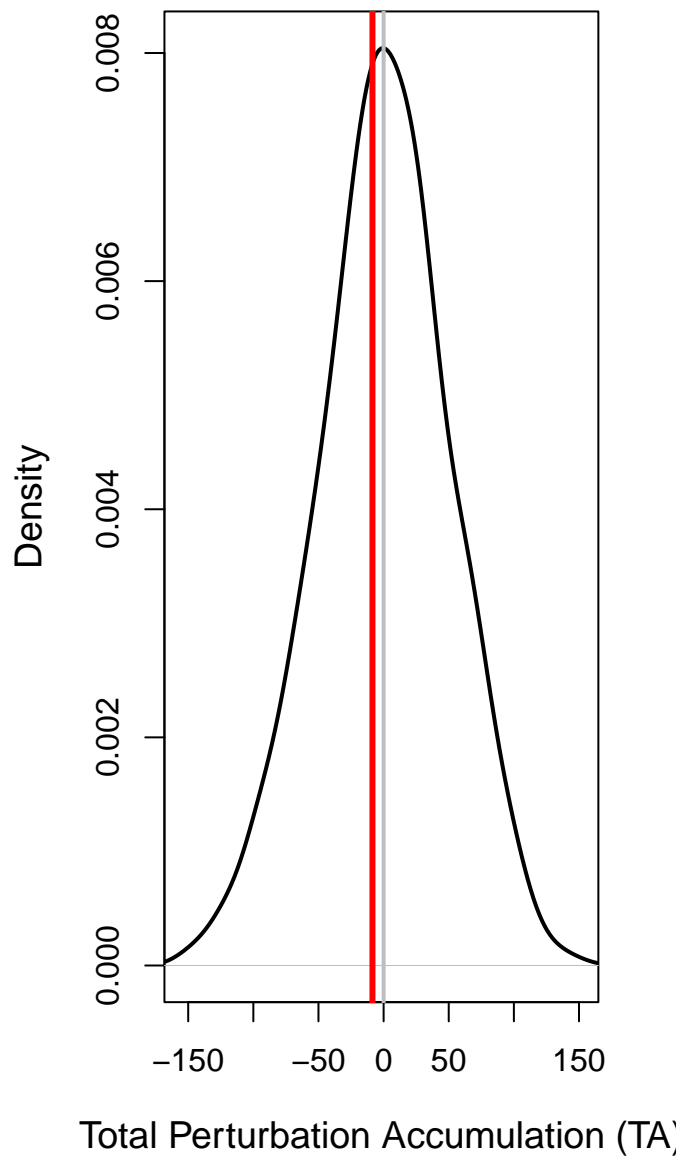


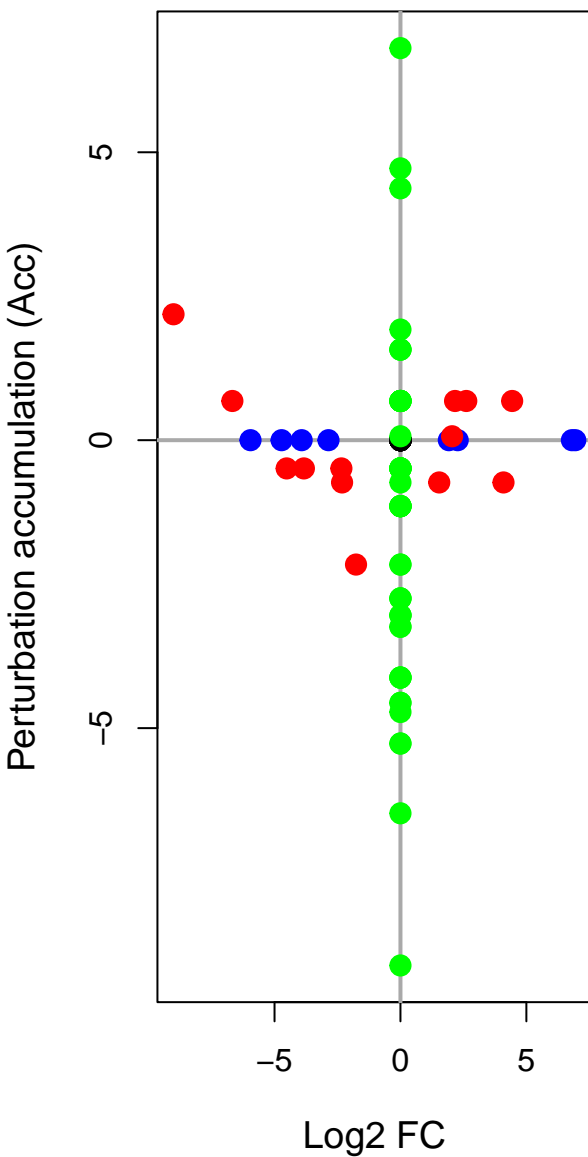
pathway ID=01521



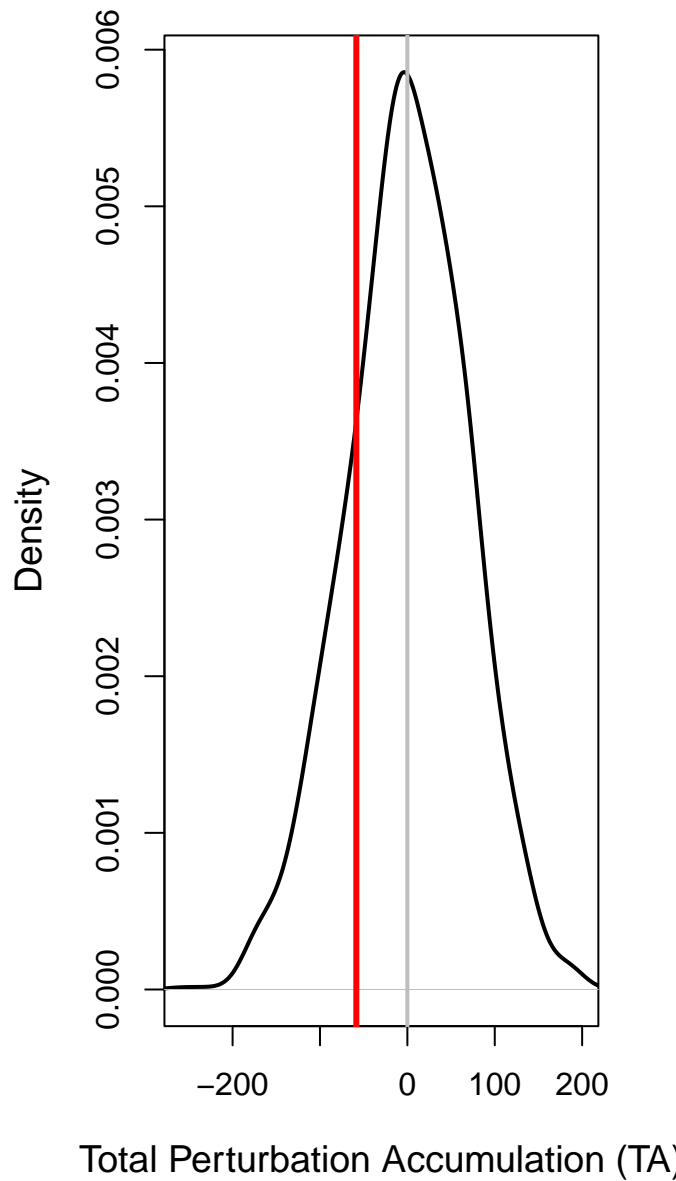
pathway ID=01521 P PERT=0.839



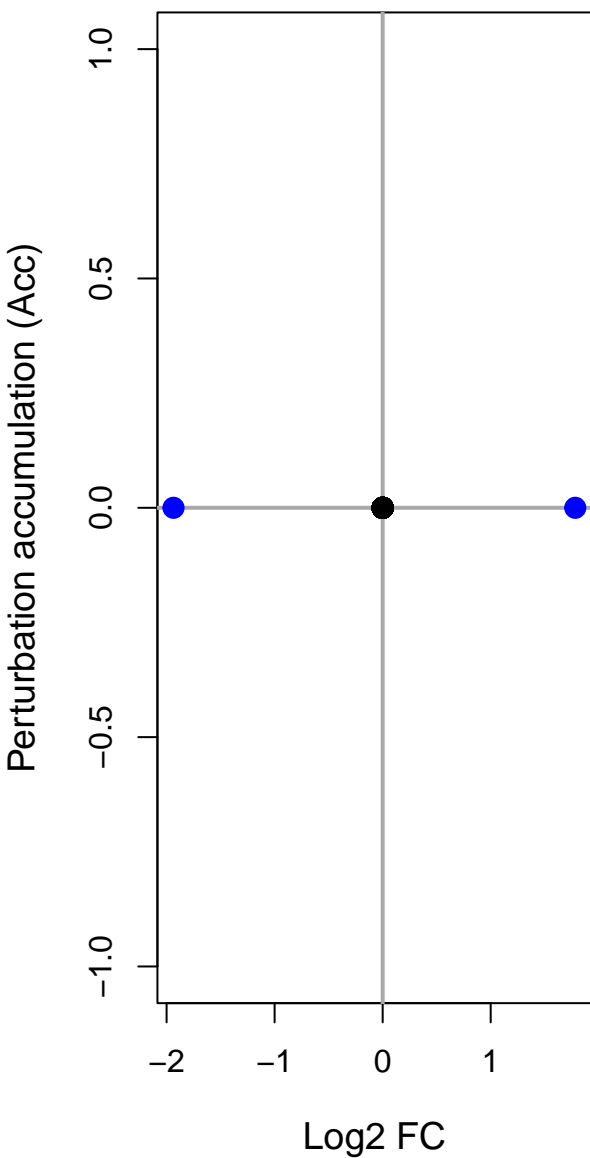
pathway ID=01522



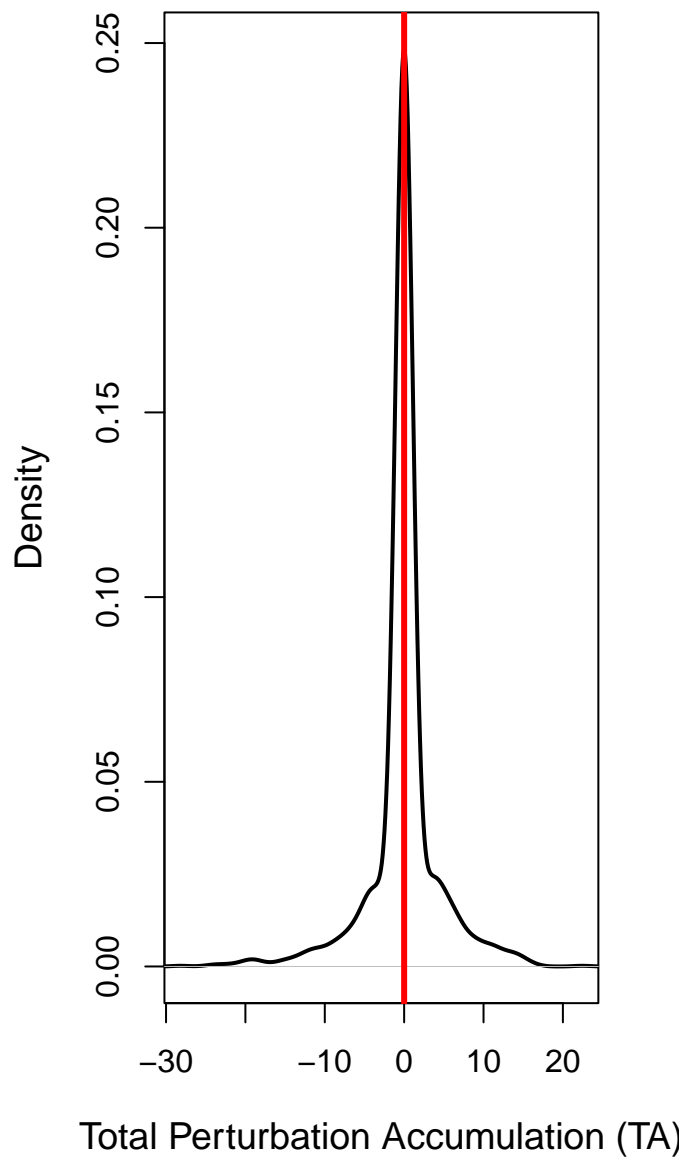
pathway ID=01522 P PERT=0.387



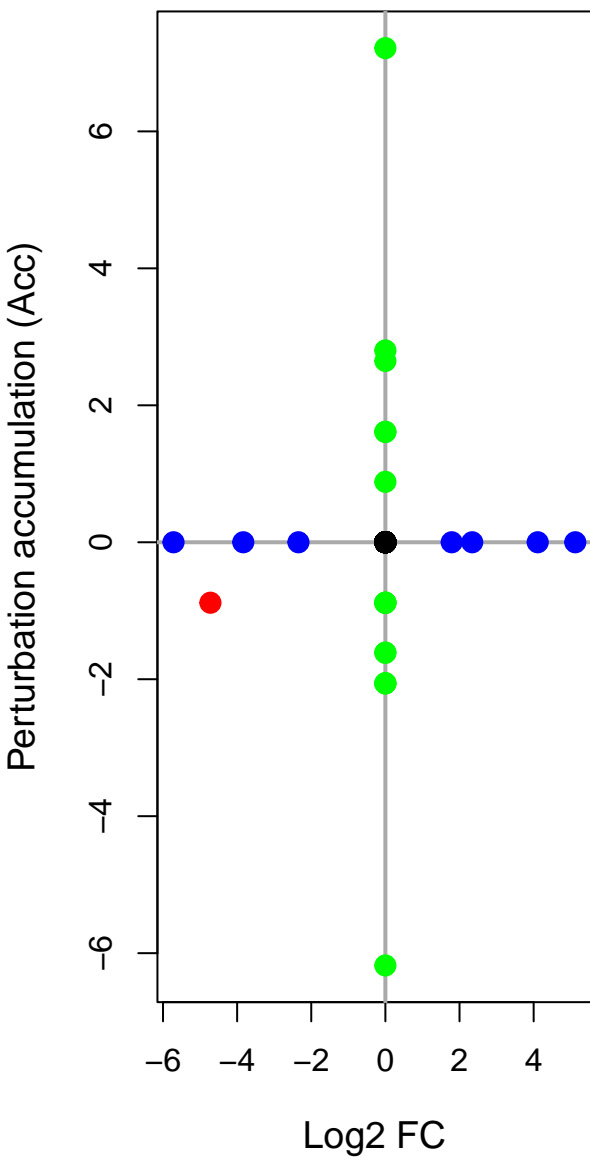
pathway ID=01523



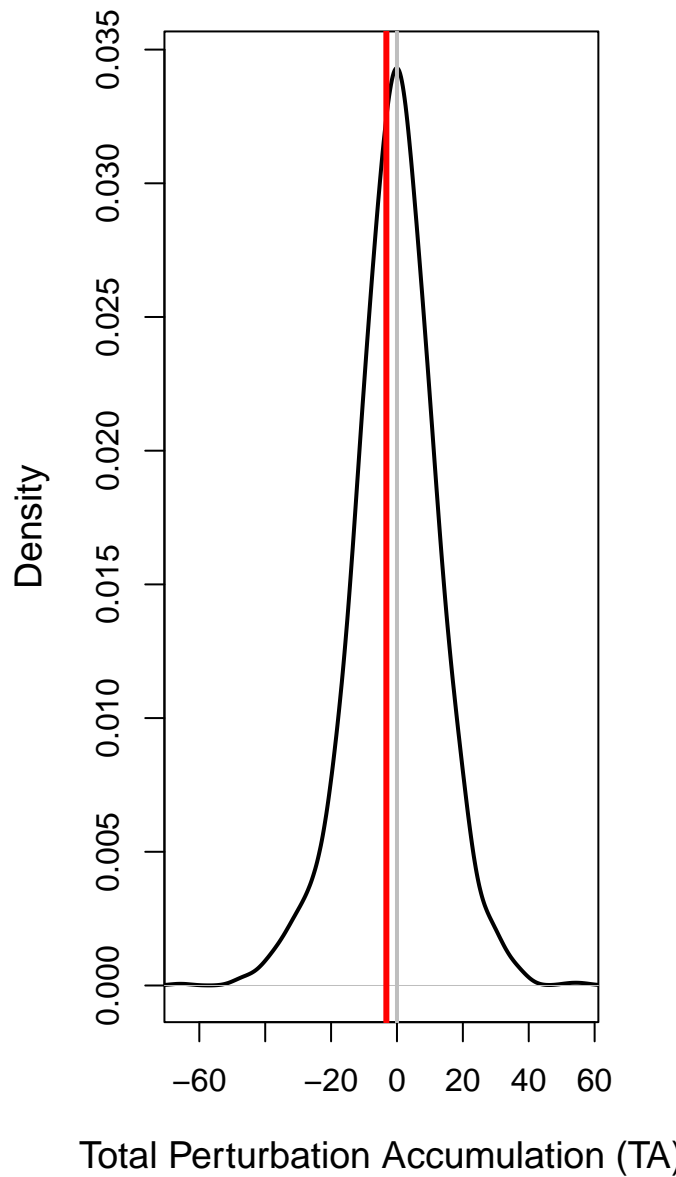
pathway ID=01523 P PERT=1



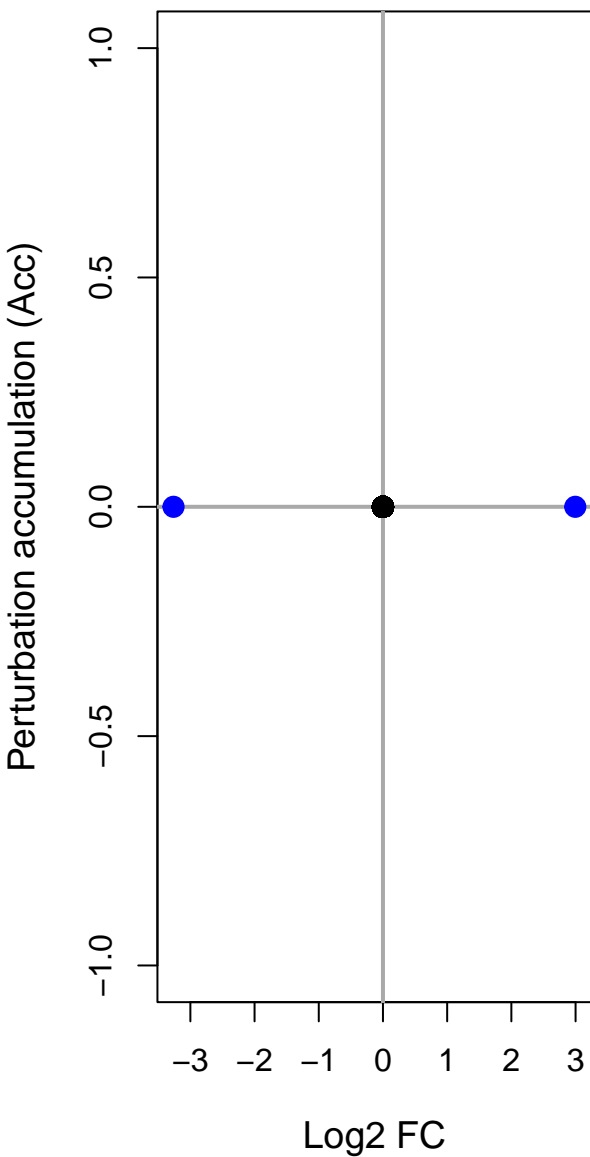
pathway ID=01524



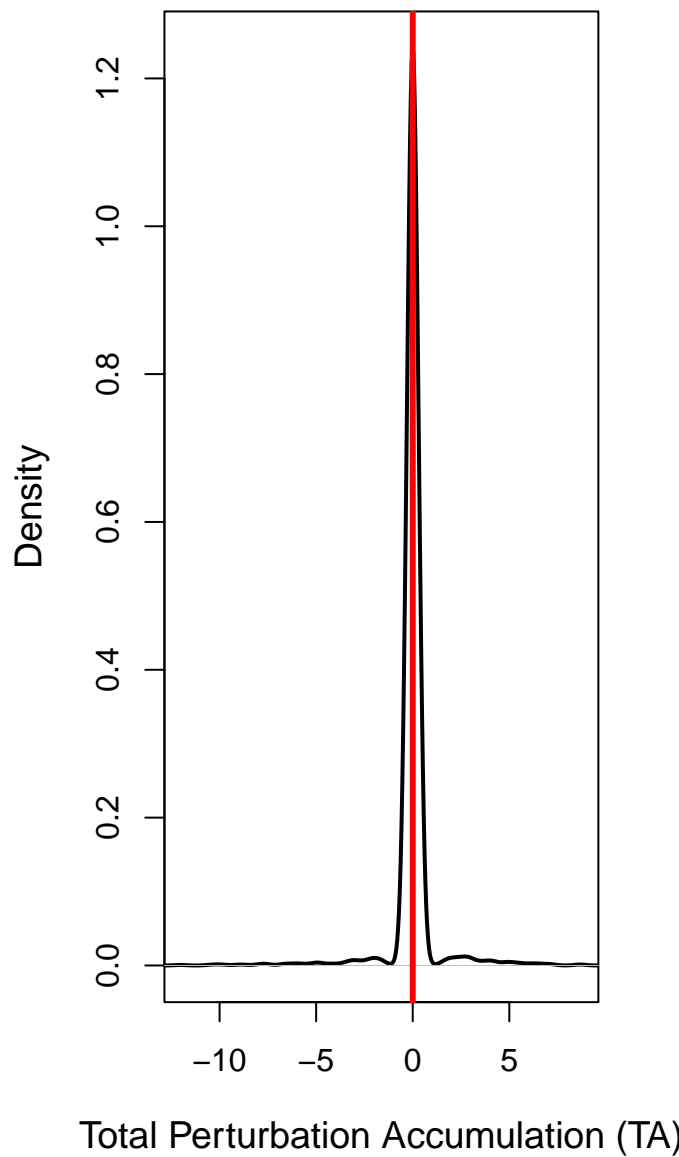
pathway ID=01524 P PERT=0.788



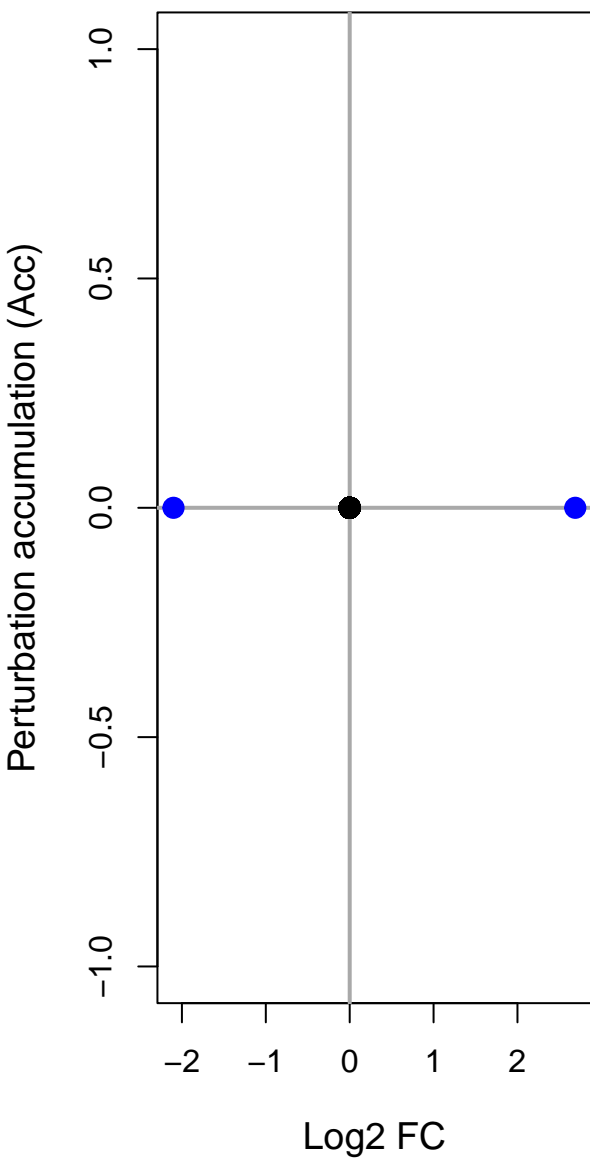
pathway ID=03013



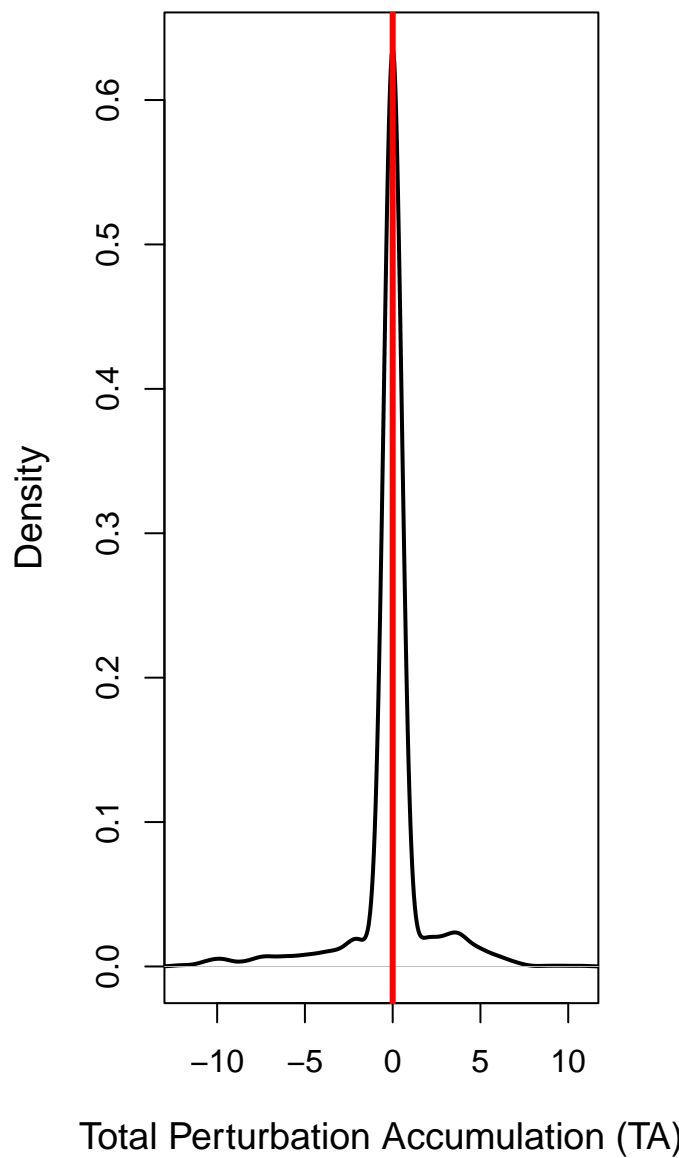
pathway ID=03013 P PERT=1



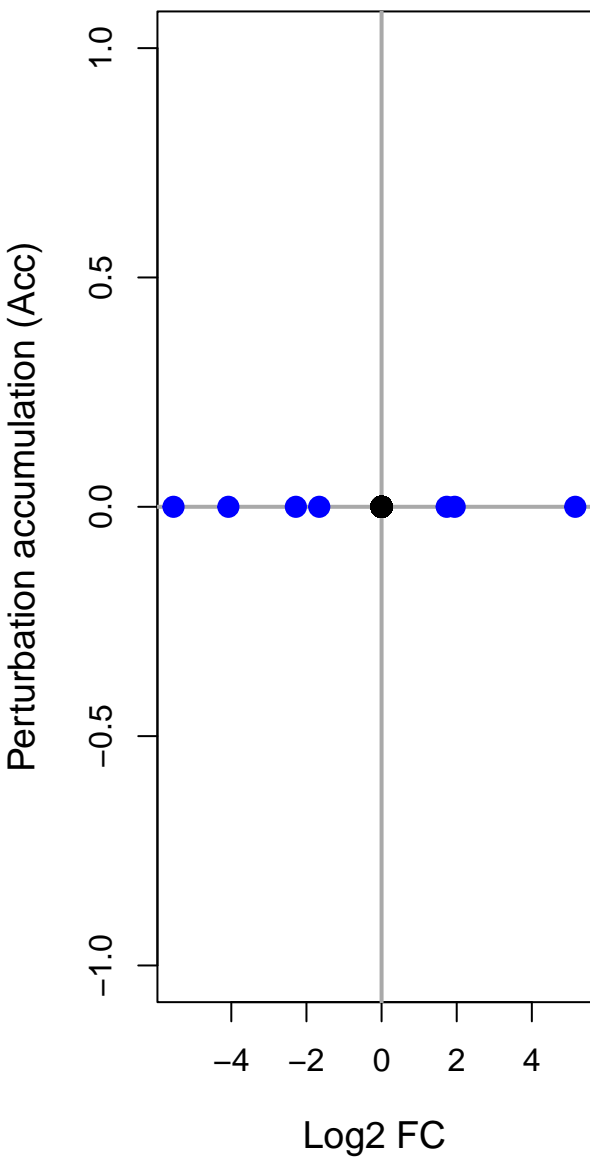
pathway ID=03018



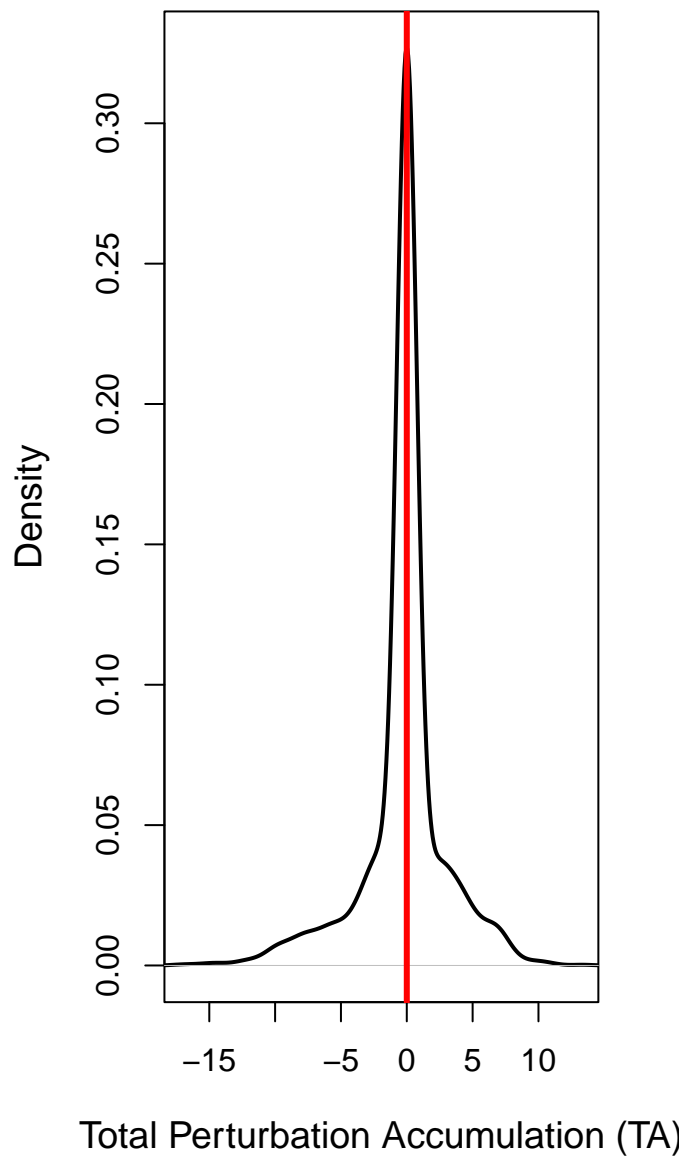
pathway ID=03018 P PERT=1



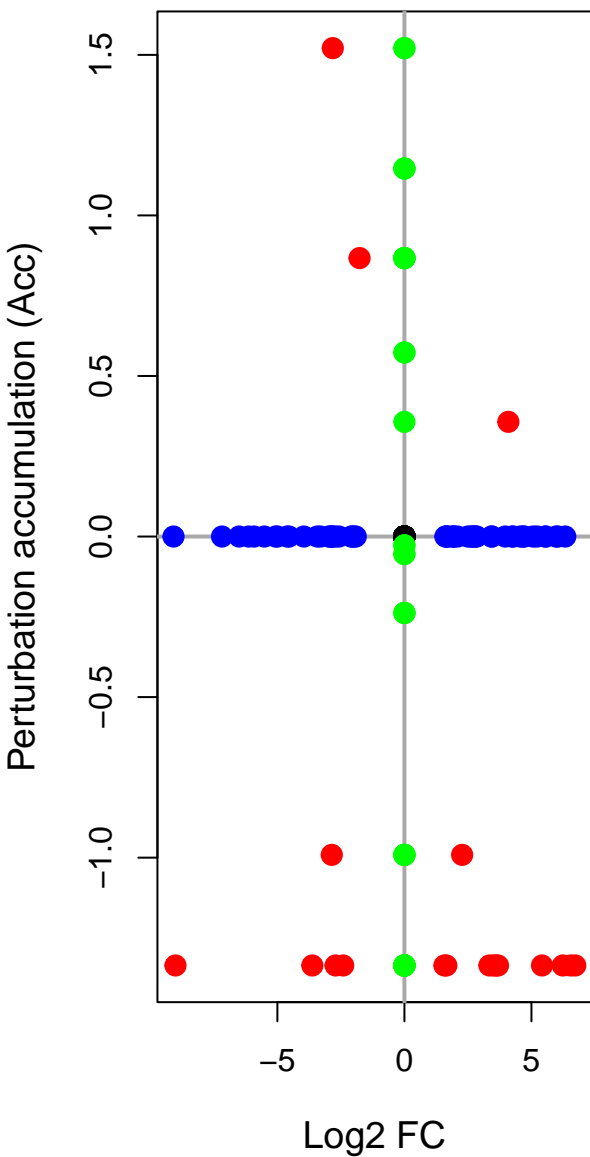
pathway ID=03320



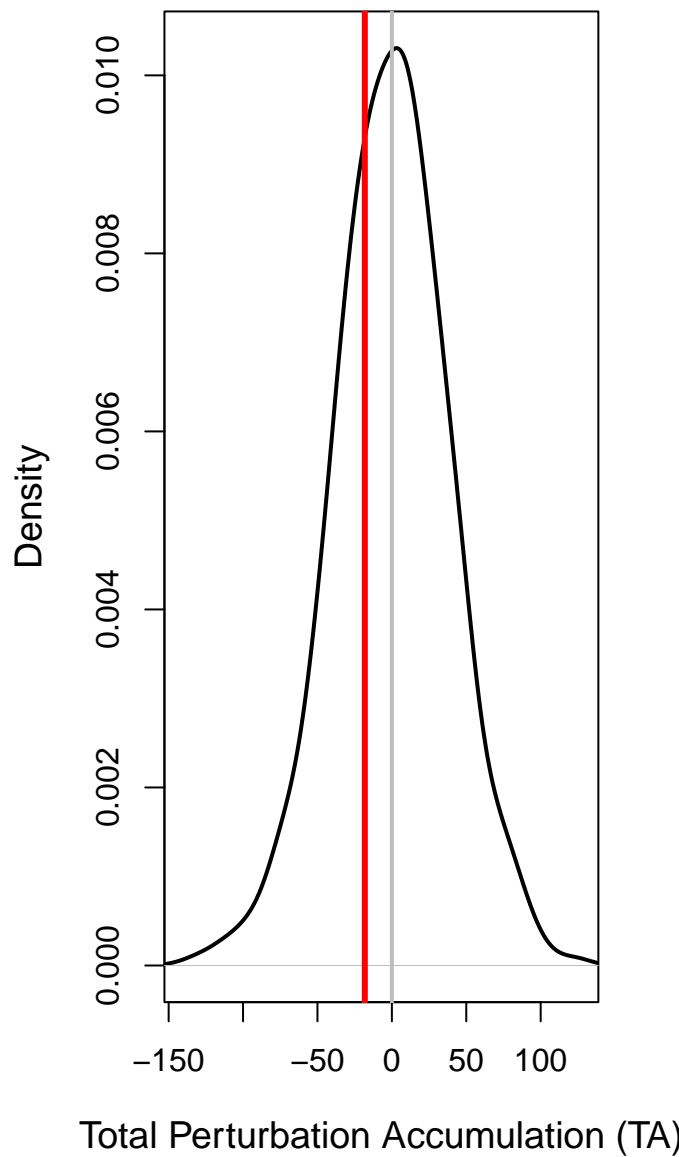
pathway ID=03320 P PERT=1



pathway ID=04010

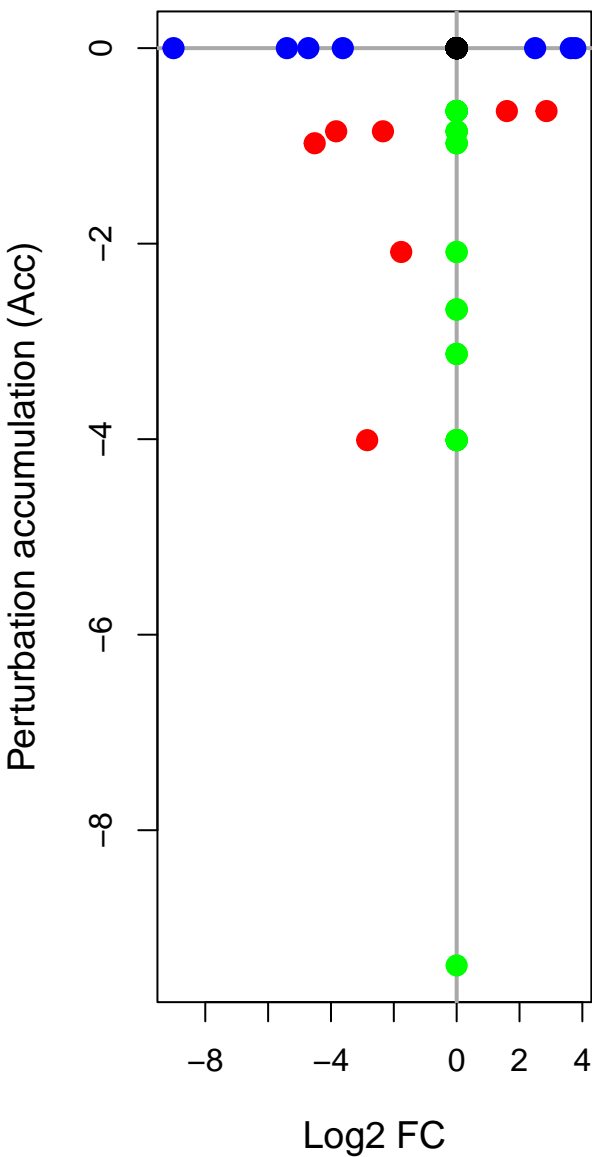


pathway ID=04010 P PERT=0.634

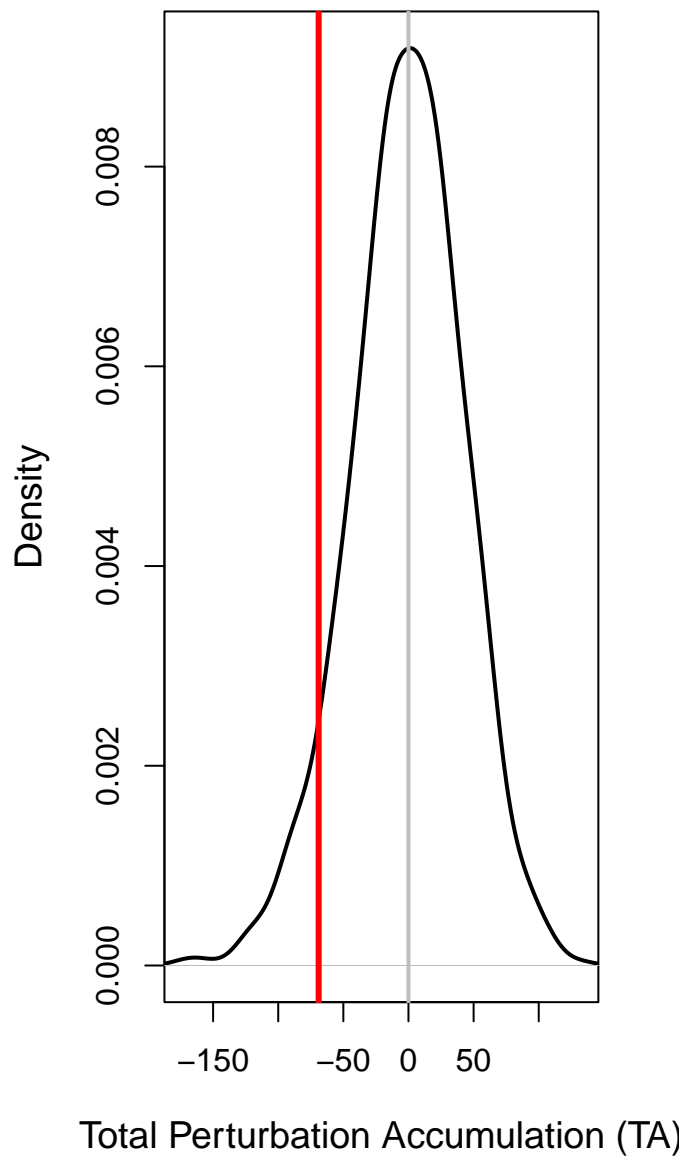




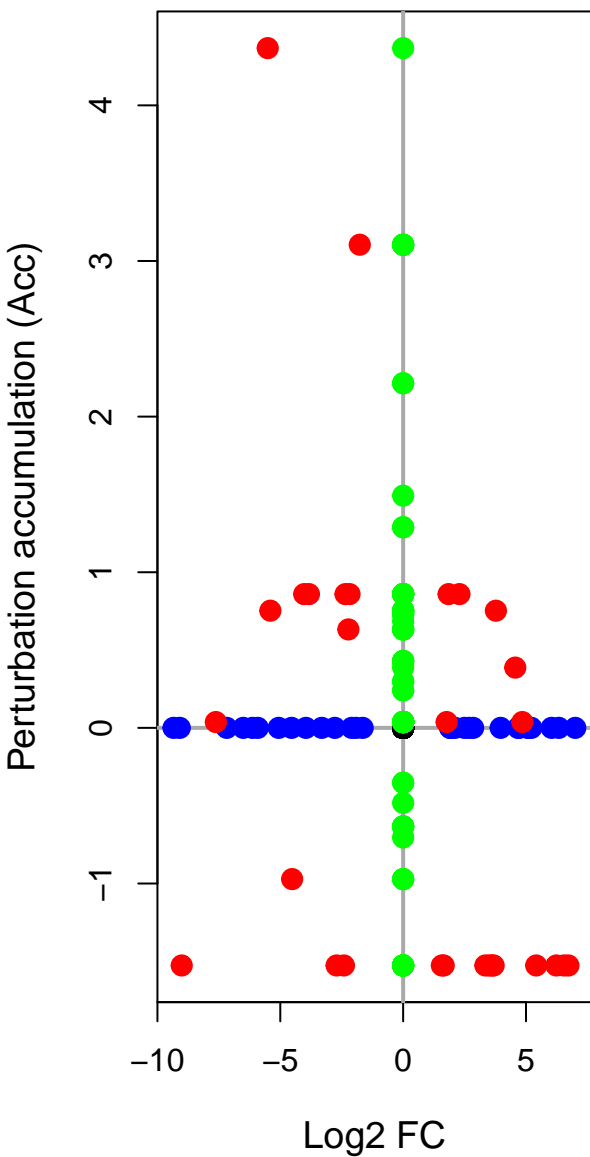
pathway ID=04012



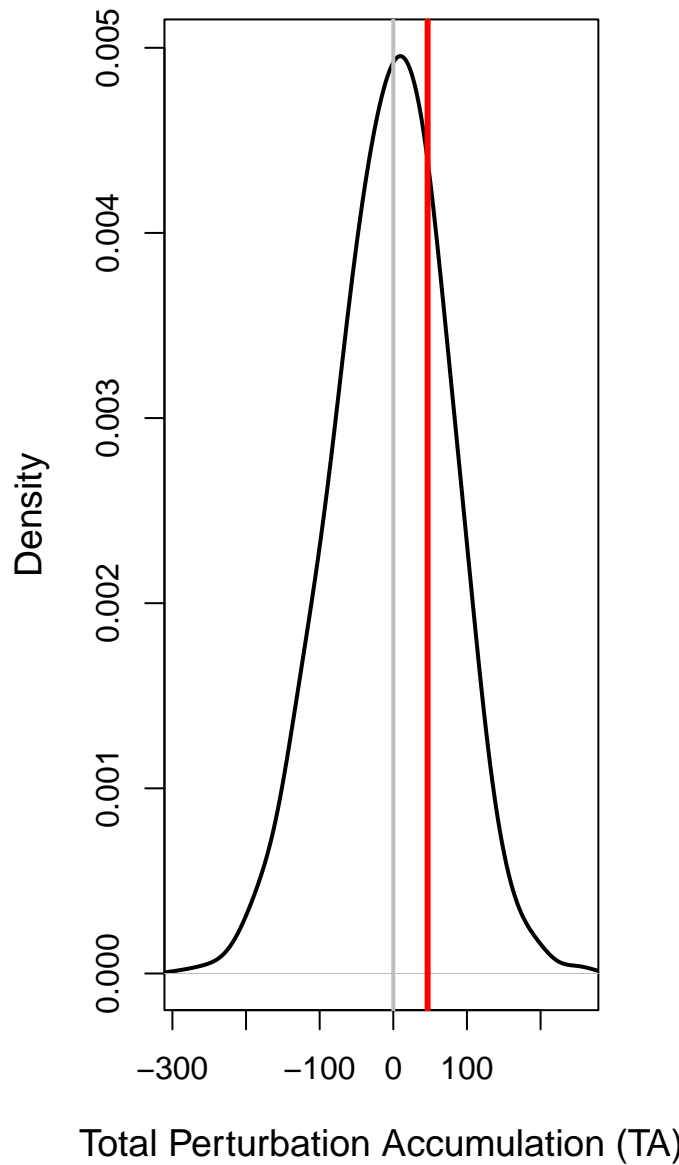
pathway ID=04012 P PERT=0.131



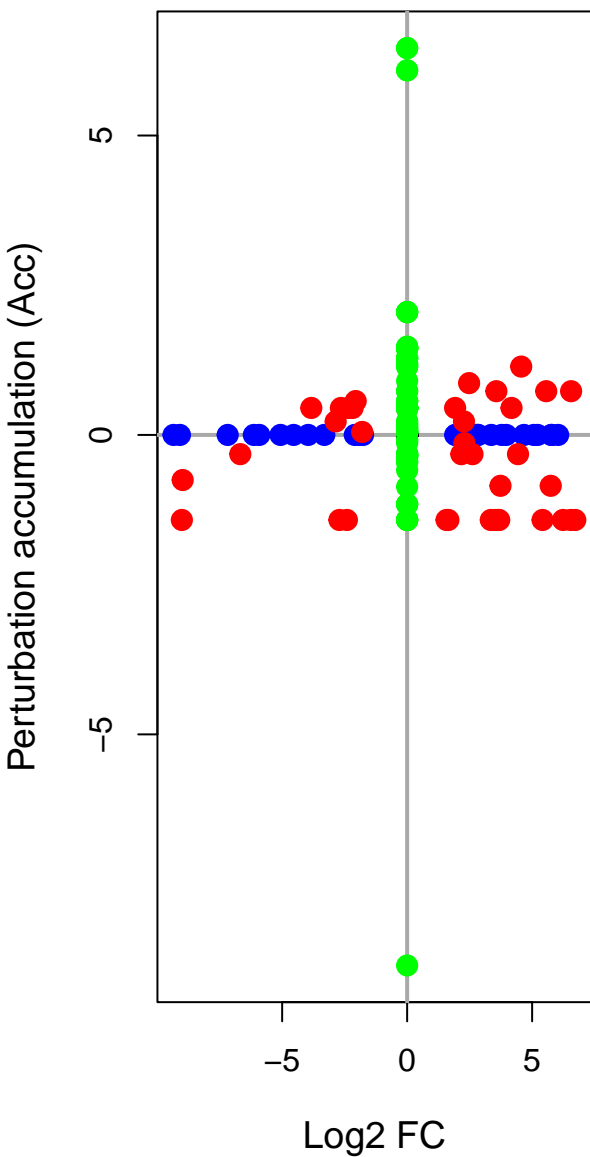
pathway ID=04014



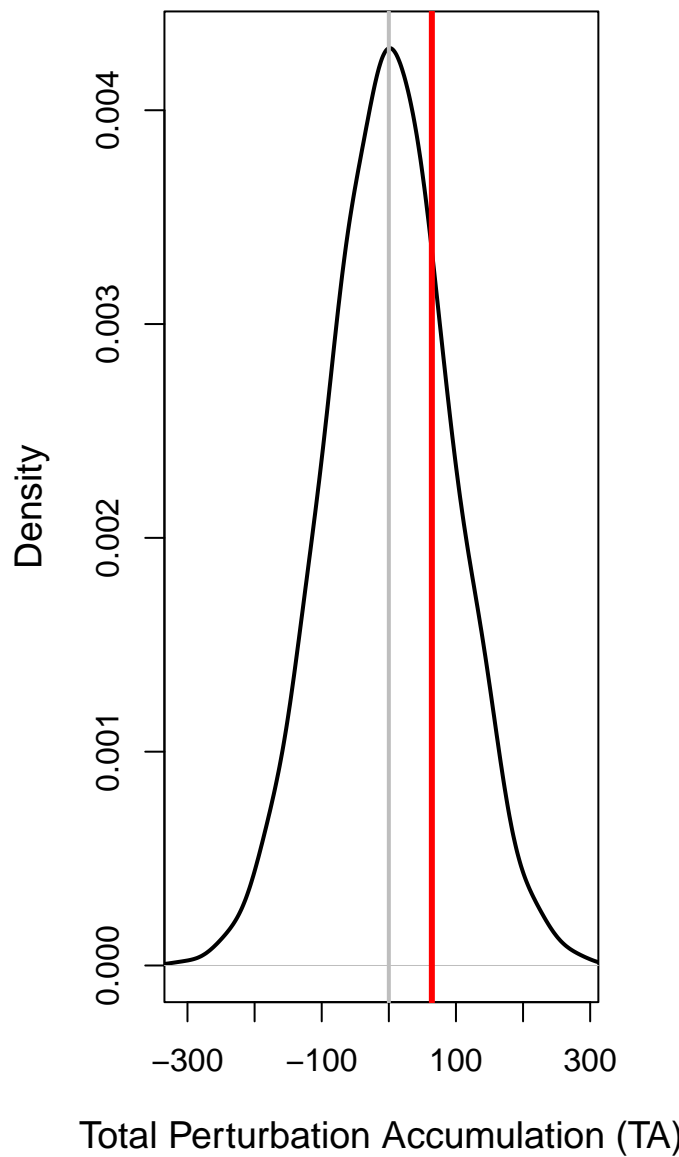
pathway ID=04014 P PERT=0.534



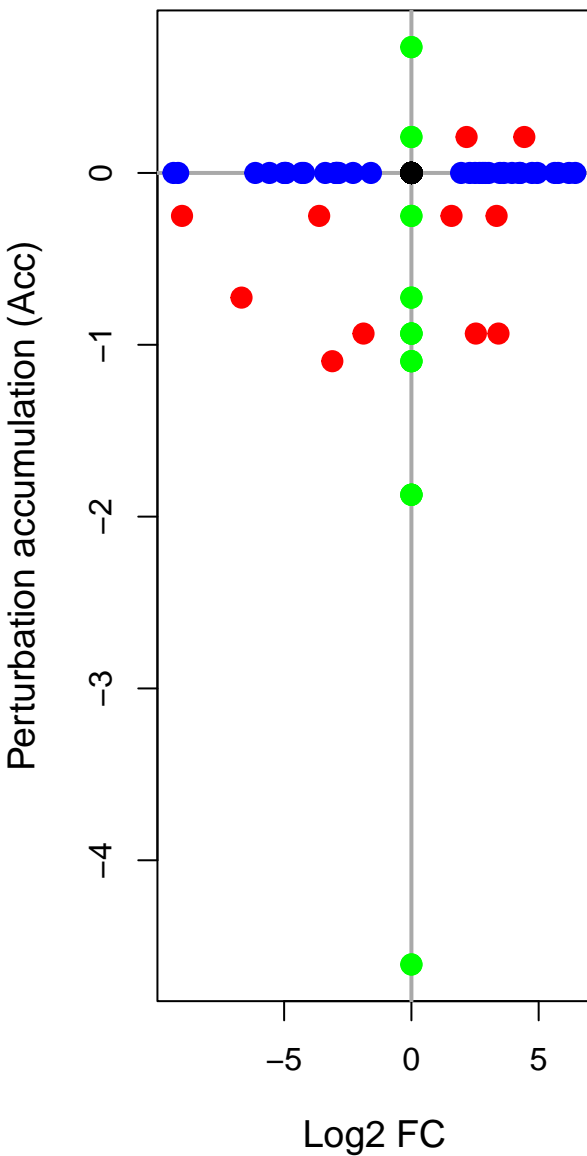
pathway ID=04015



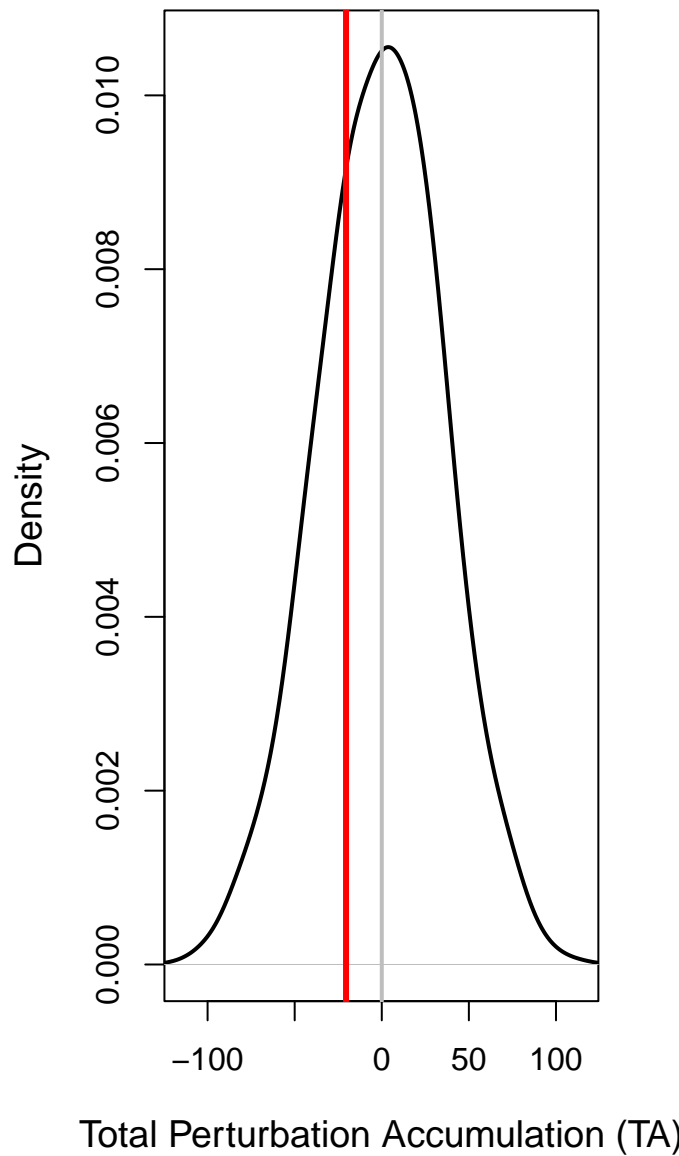
pathway ID=04015 P PERT=0.487



pathway ID=04020



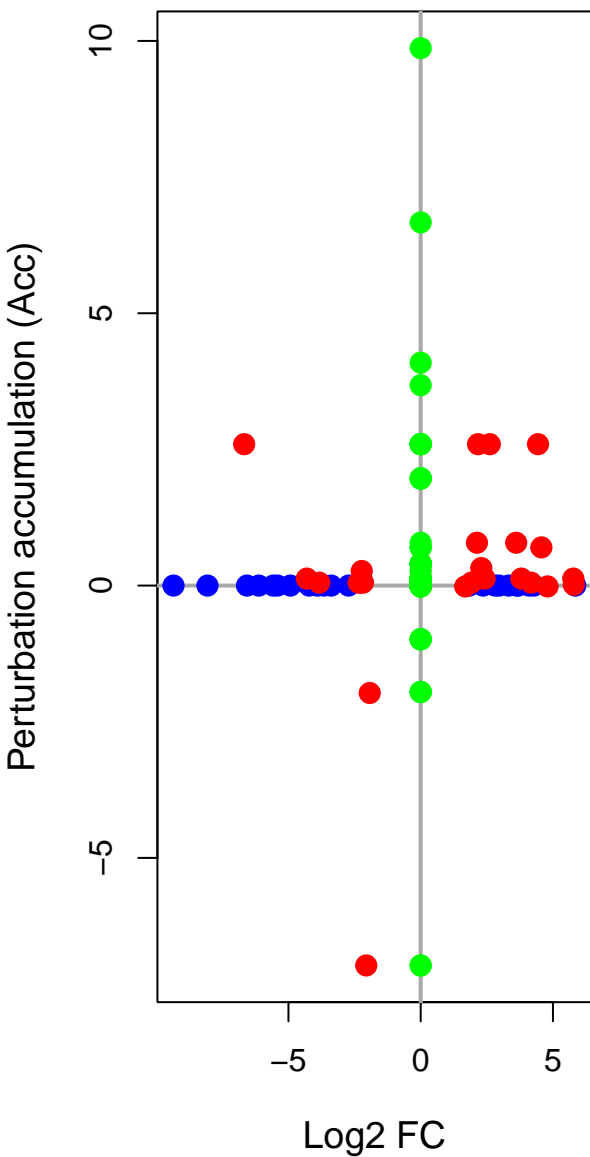
pathway ID=04020 P PERT=0.582



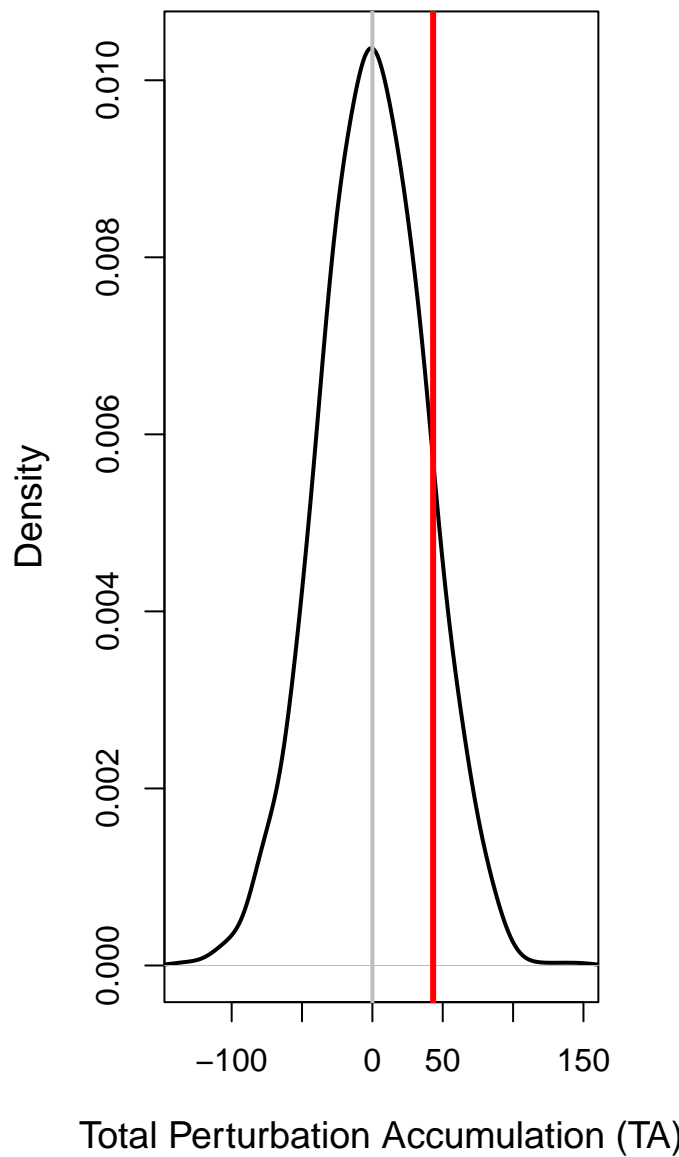
A scatter plot showing a 2D dataset with three classes: blue, green, and red. The blue points are clustered along the x-axis, green points are clustered along the y-axis, and red points are scattered in the quadrants. A vertical gray line is at  $x=0$  and a horizontal gray line is at  $y=0$ .

## Total Perturbation Accumulation (TA)

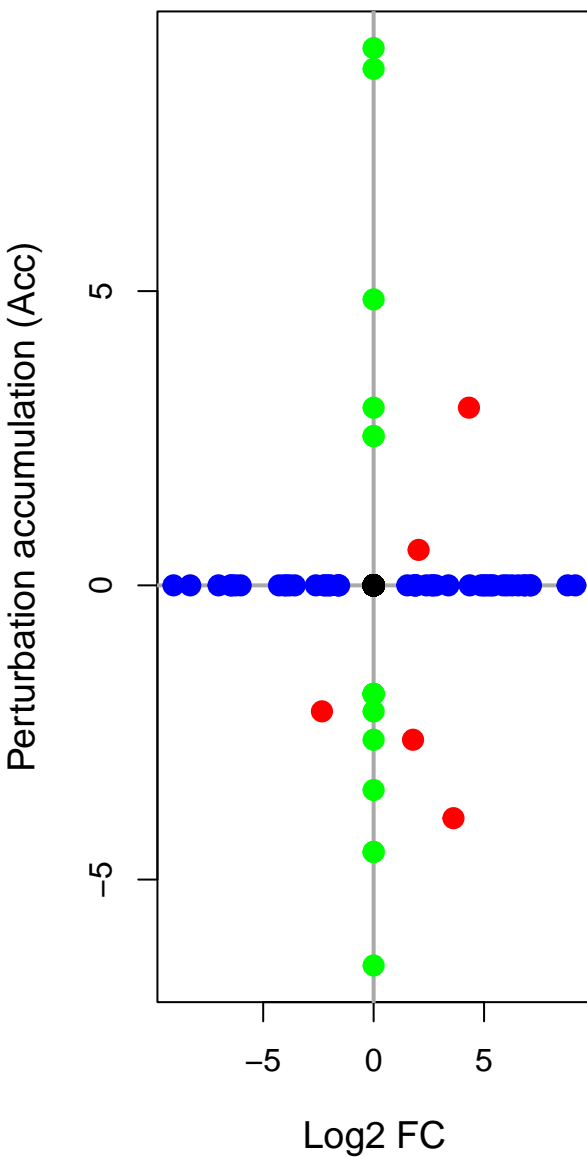
pathway ID=04024



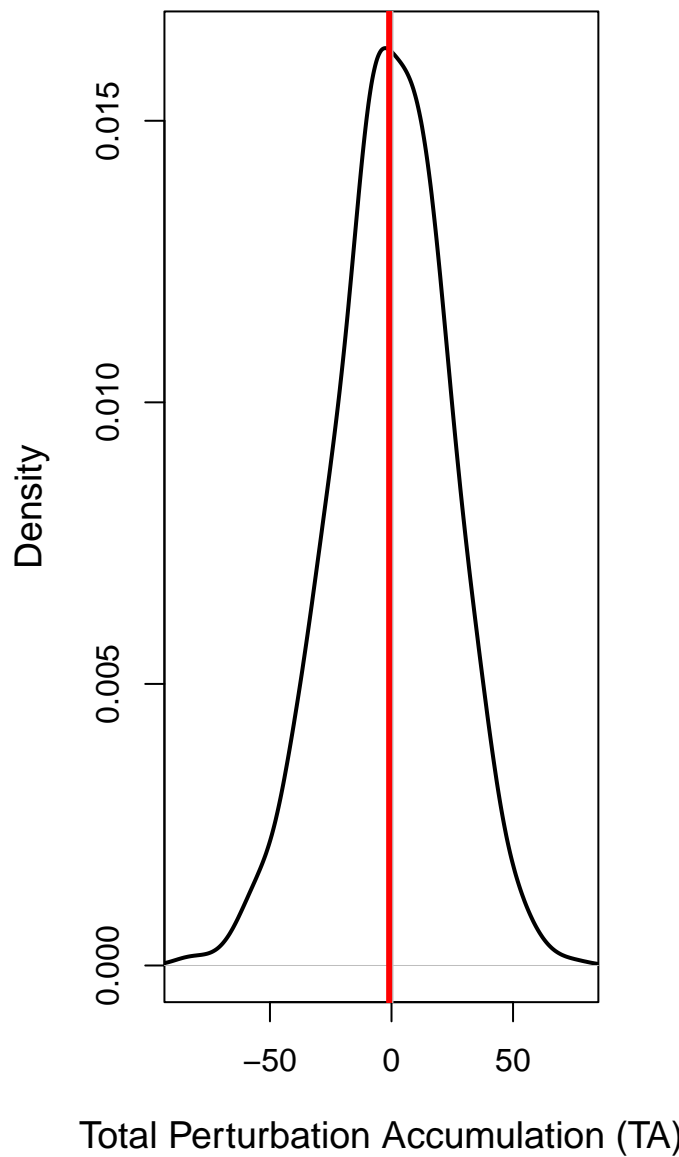
pathway ID=04024 P PERT=0.249



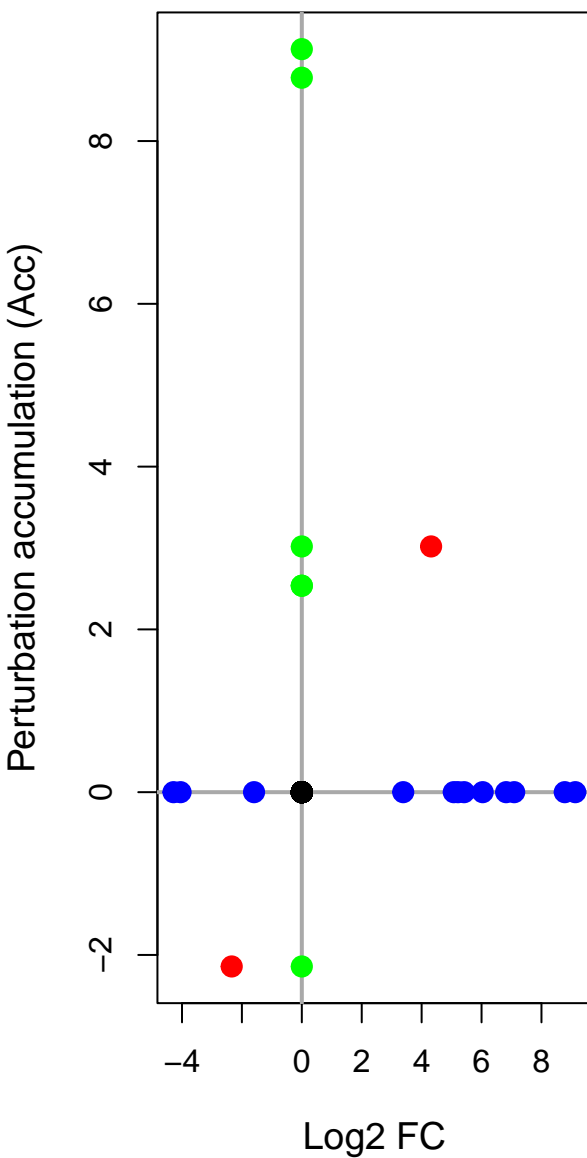
pathway ID=04060



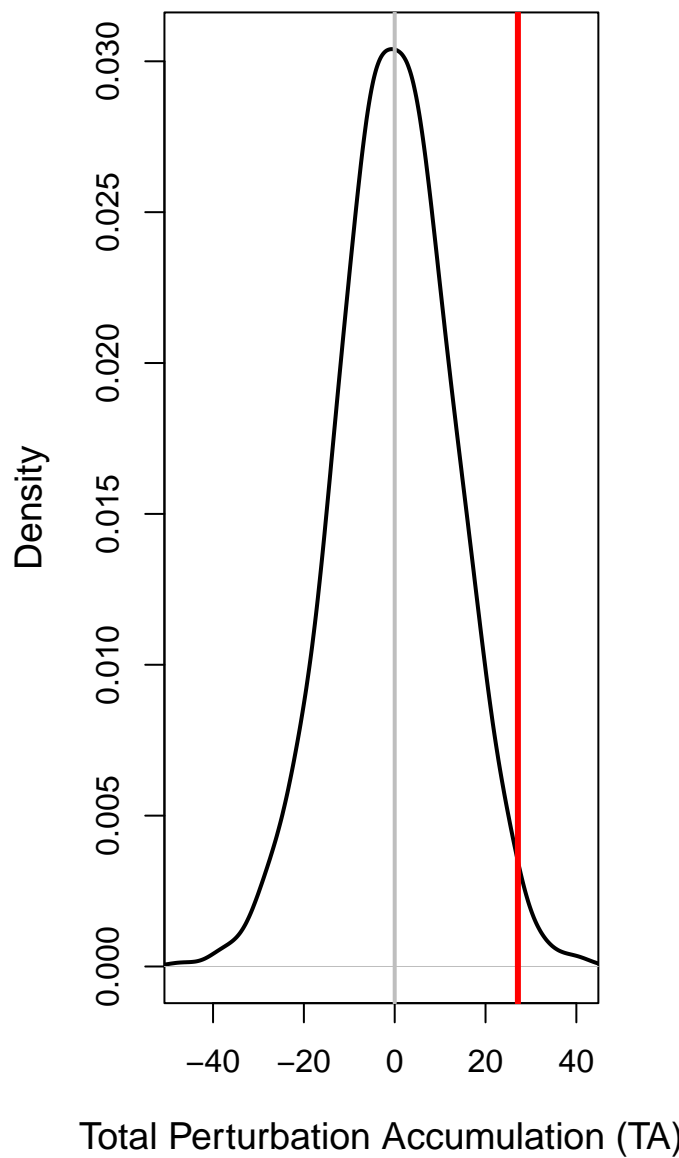
pathway ID=04060 P PERT=0.96



pathway ID=04061

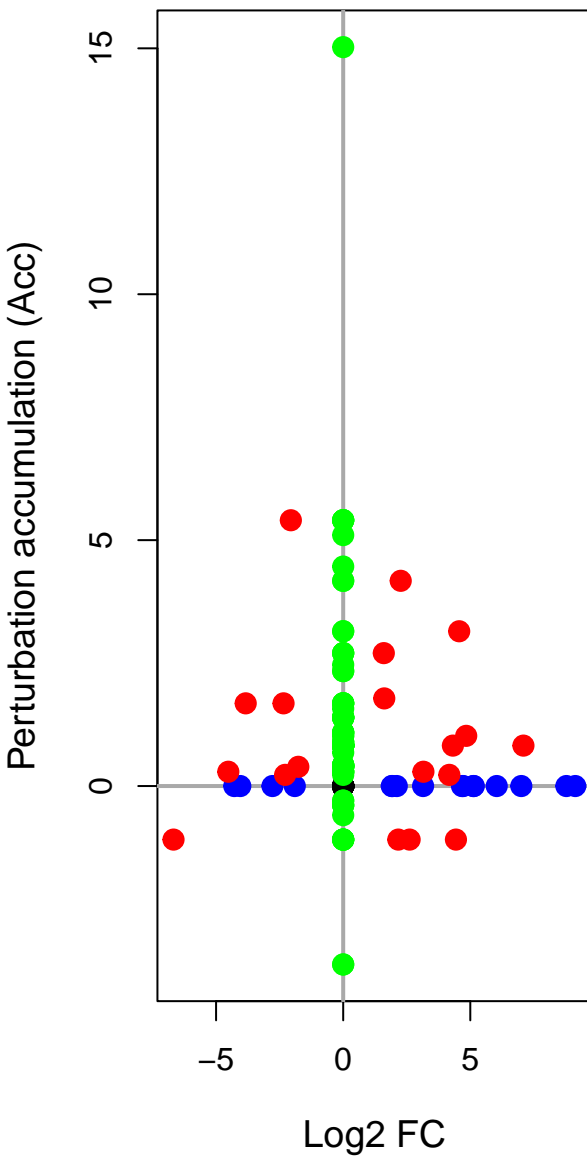


pathway ID=04061 P PERT=0.022

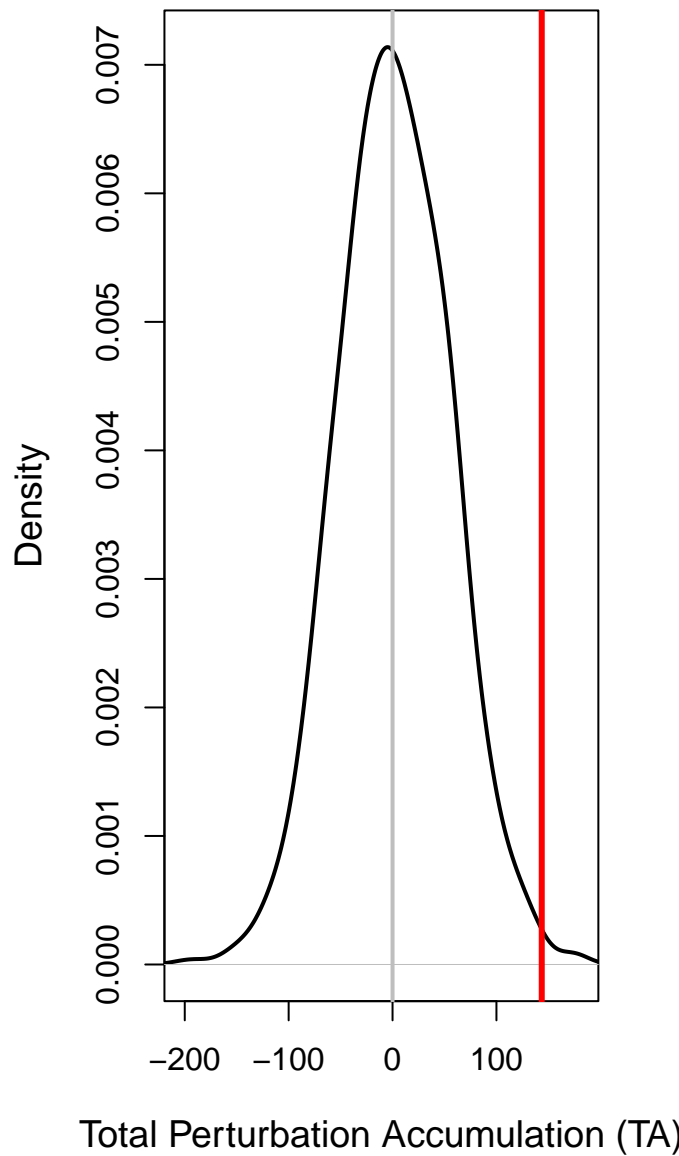




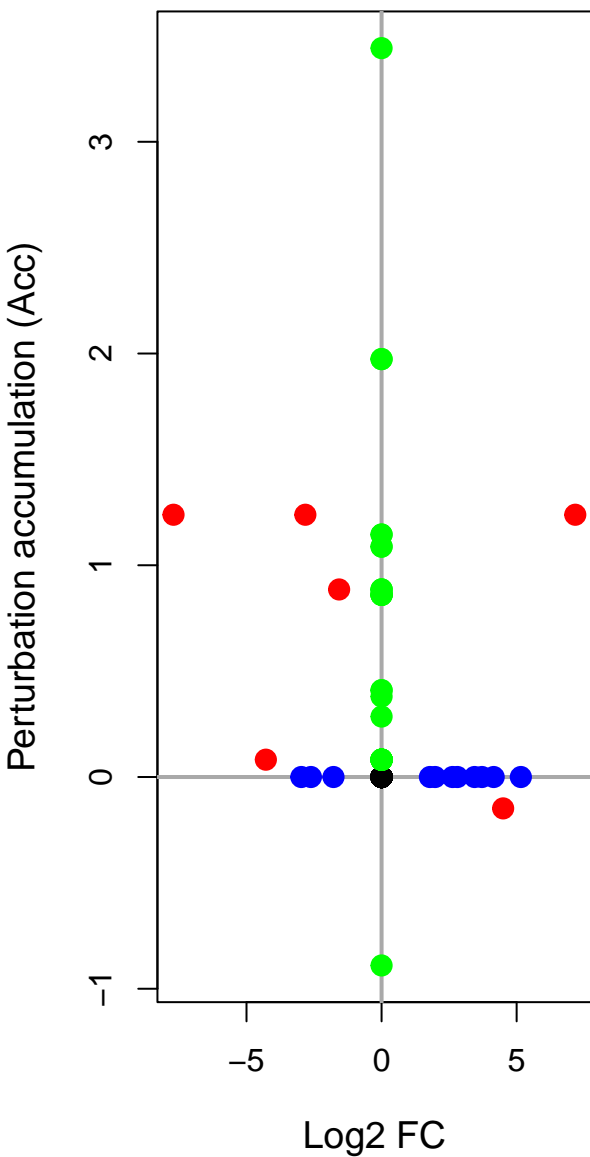
pathway ID=04062



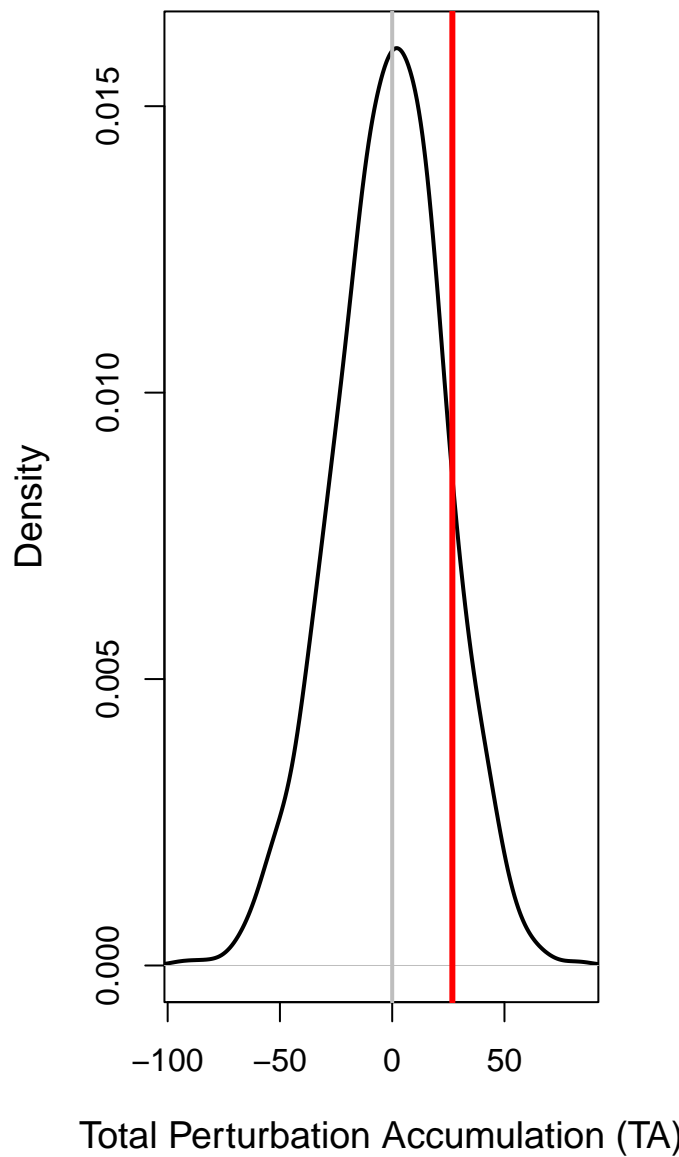
pathway ID=04062 P PERT=0.008



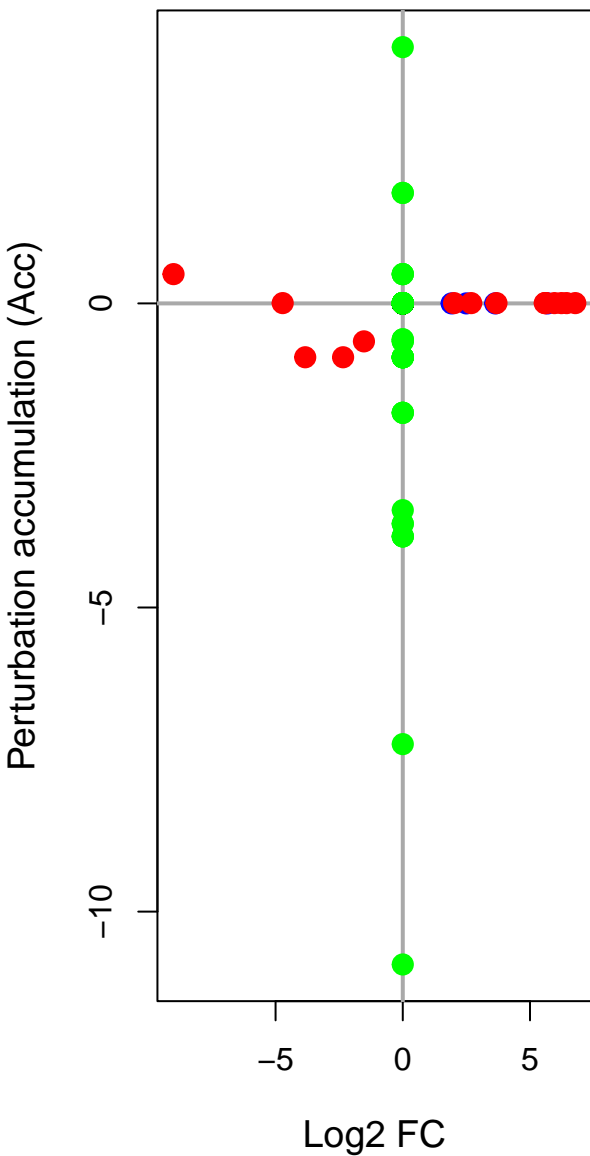
pathway ID=04064



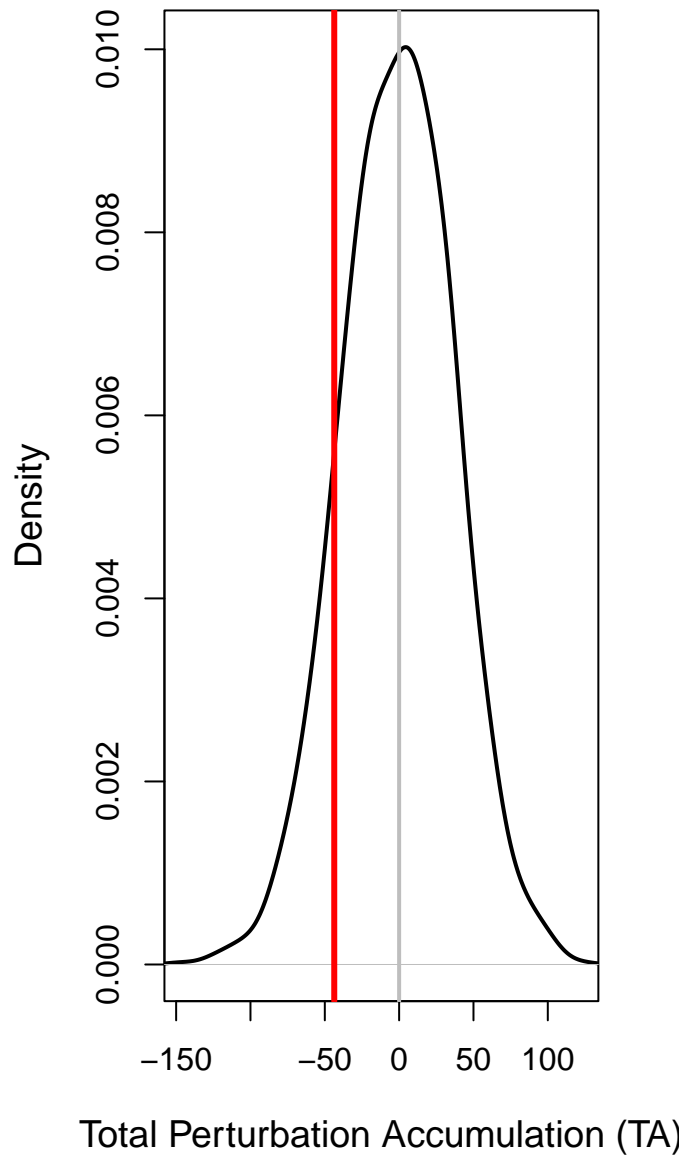
pathway ID=04064 P PERT=0.244



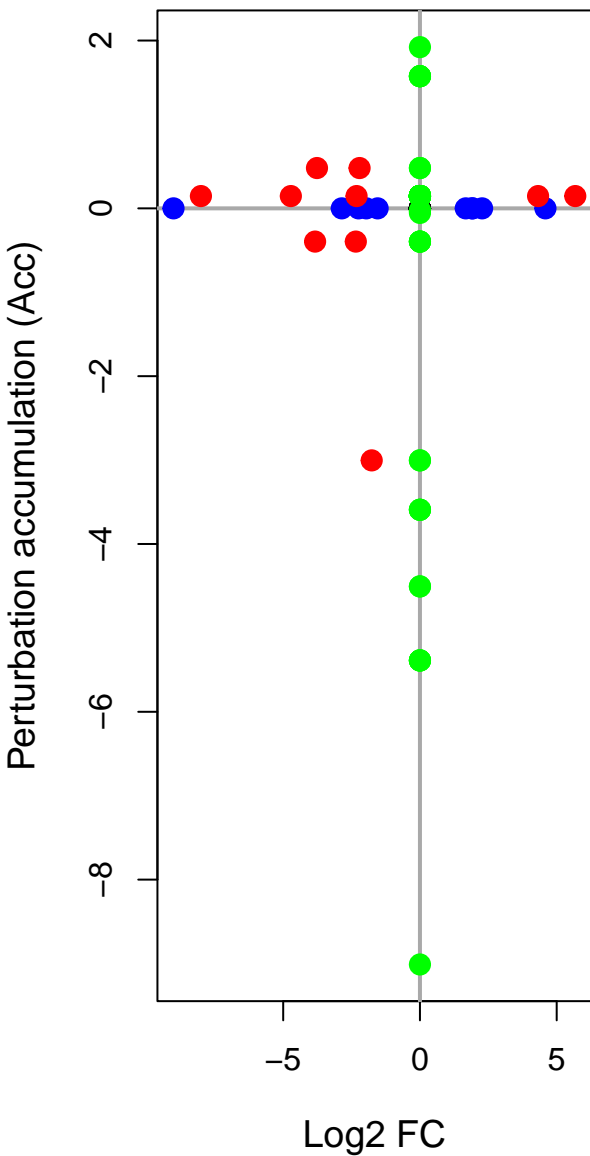
pathway ID=04066



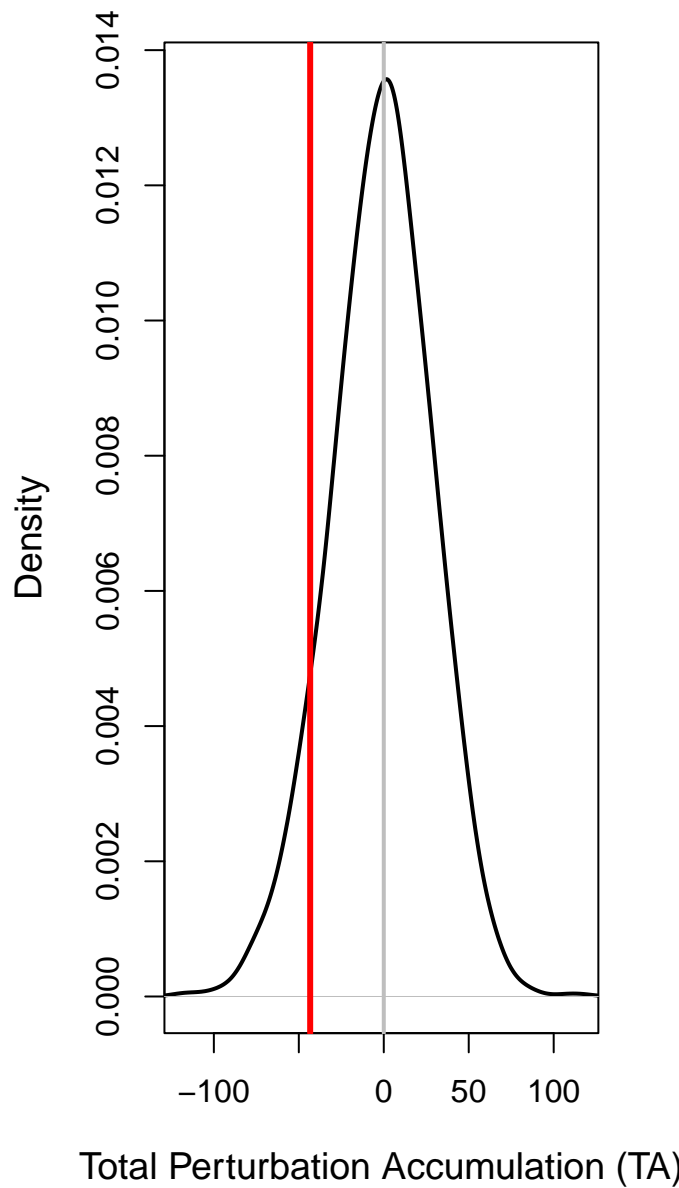
pathway ID=04066 P PERT=0.254



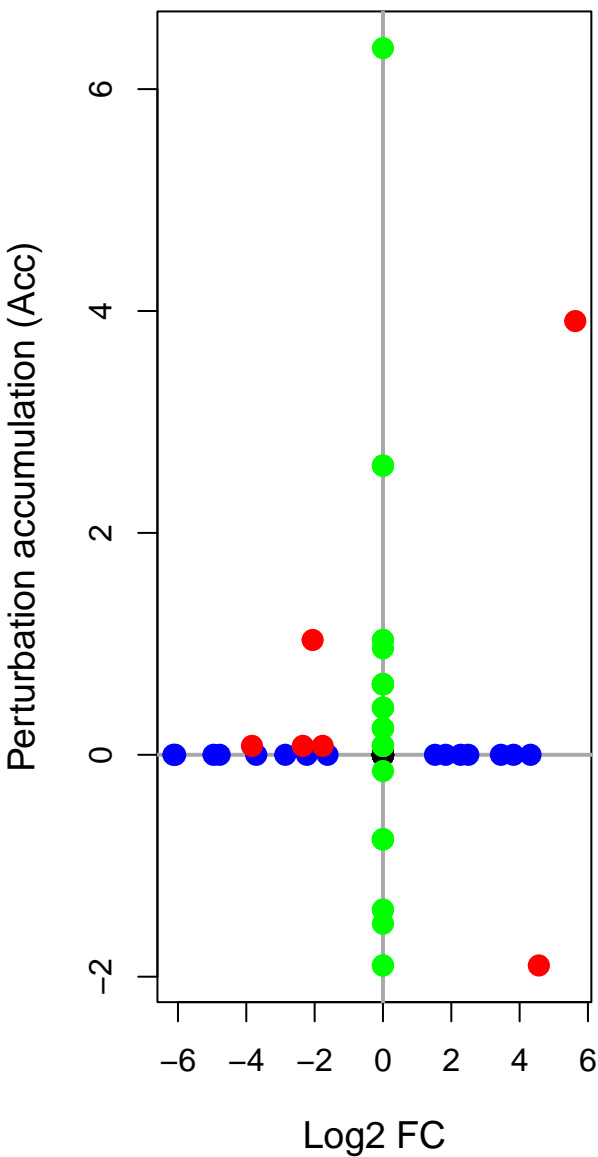
pathway ID=04068



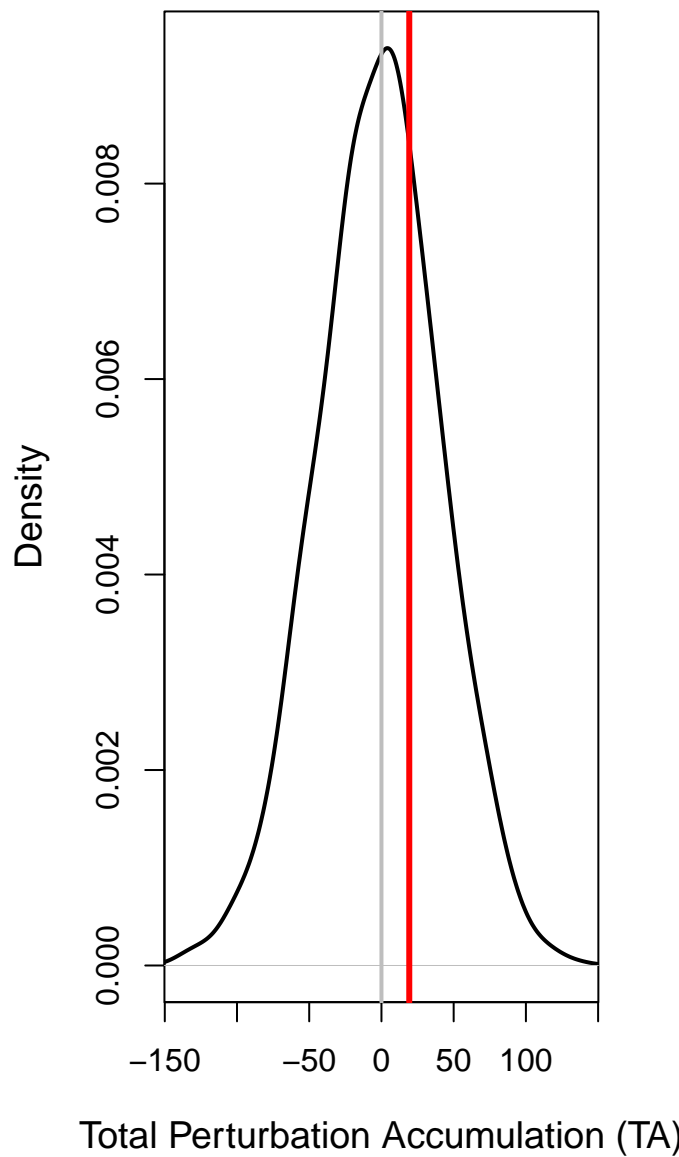
pathway ID=04068 P PERT=0.175



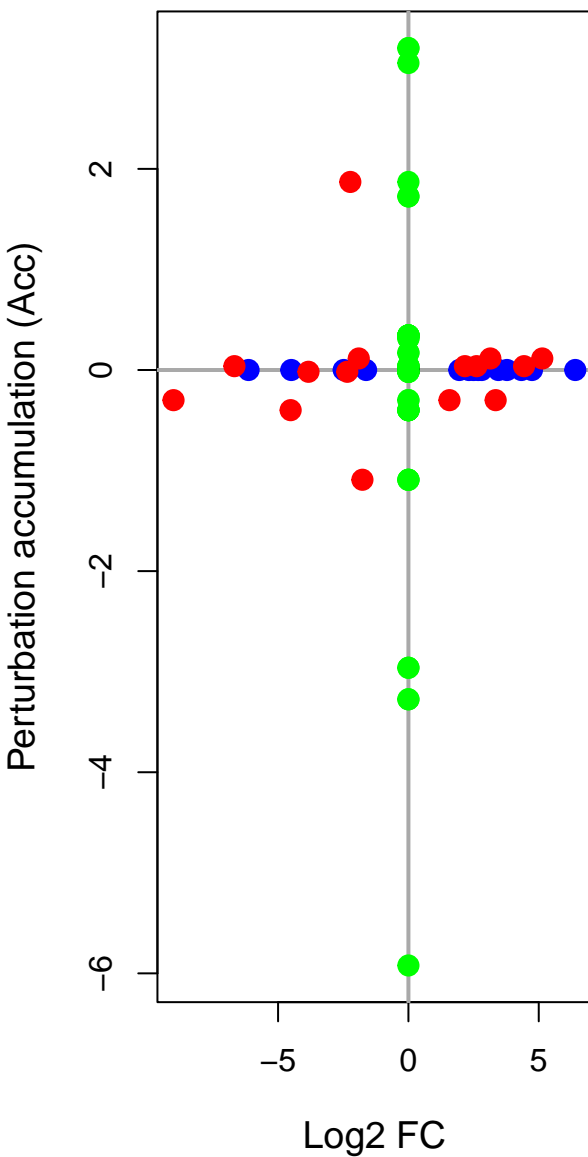
pathway ID=04071



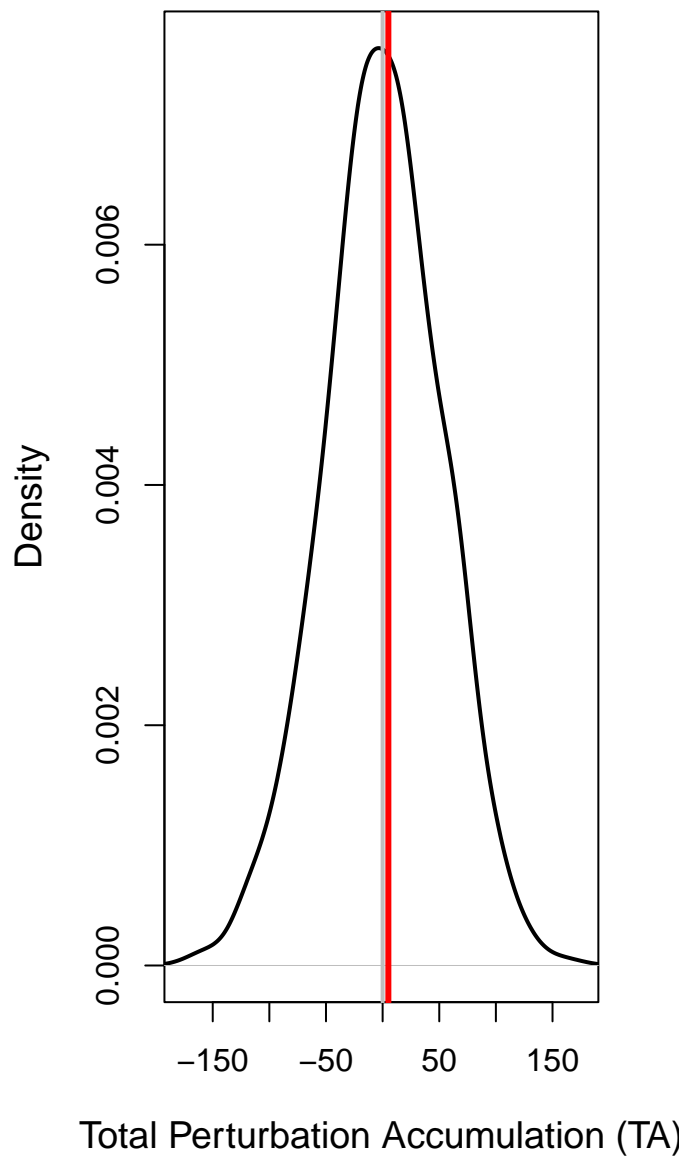
pathway ID=04071 P PERT=0.615



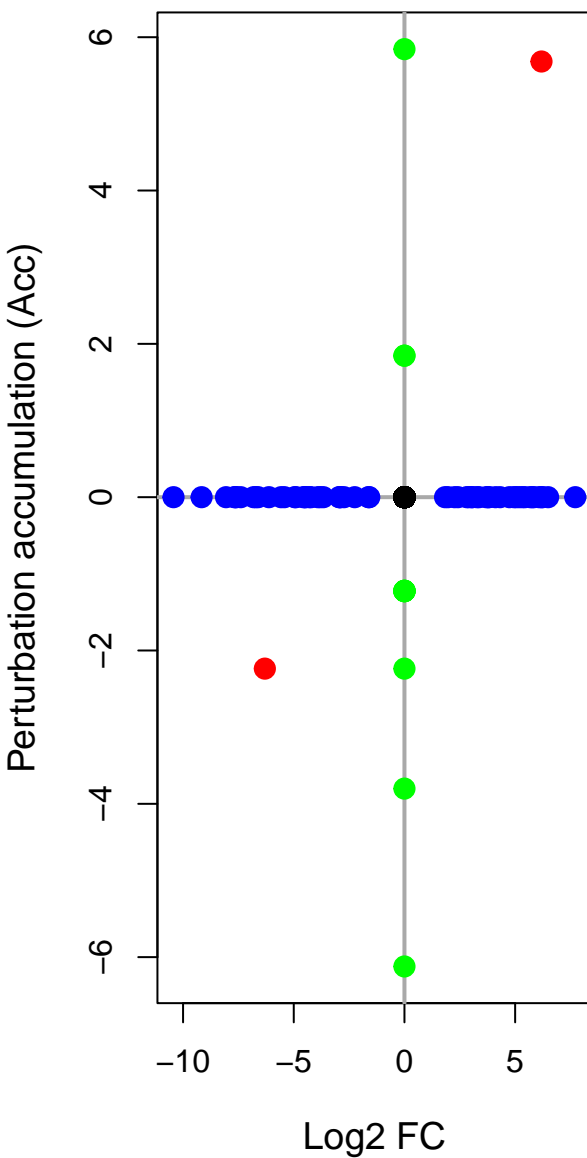
pathway ID=04072



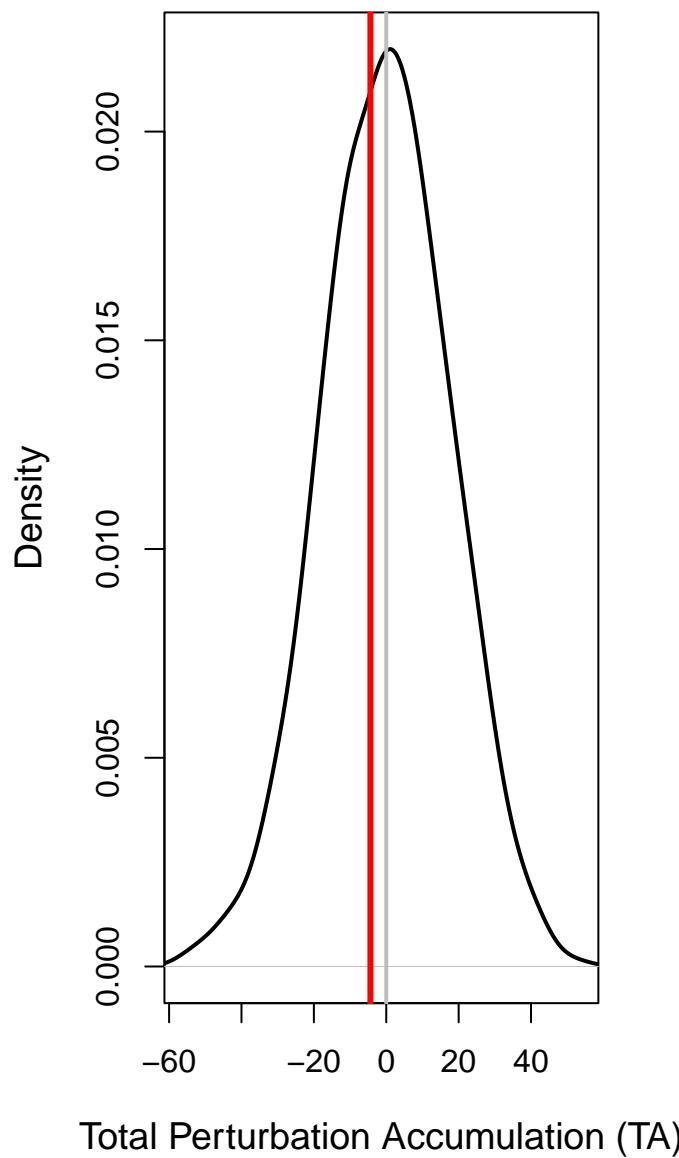
pathway ID=04072 P PERT=0.929



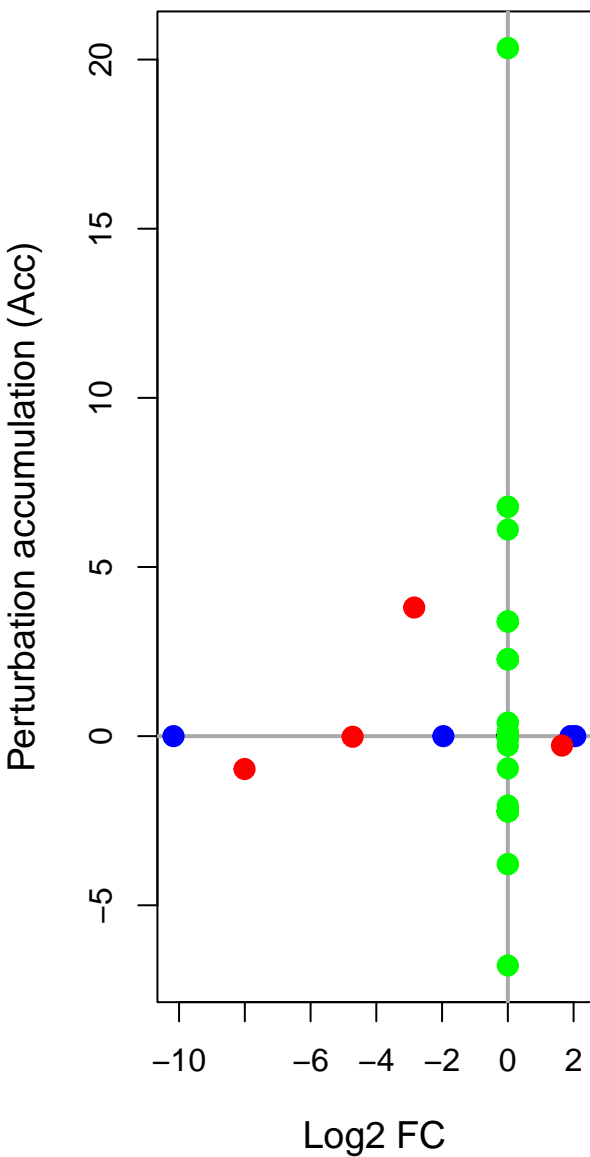
pathway ID=04080



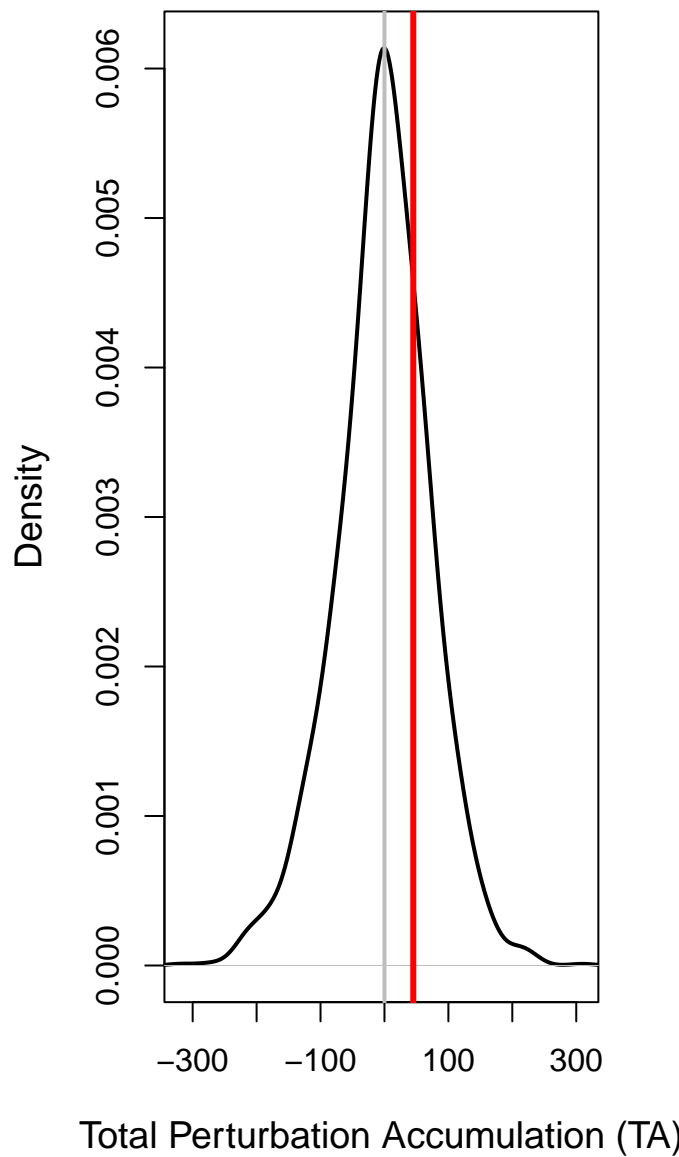
pathway ID=04080 P PERT=0.802



pathway ID=04110

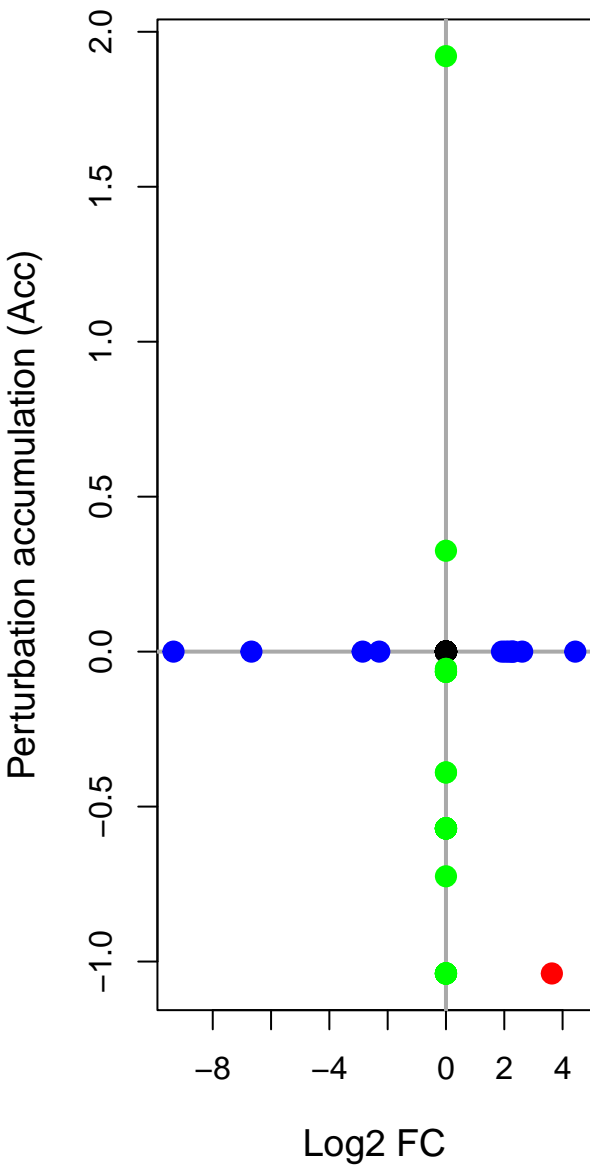


pathway ID=04110 P PERT=0.5

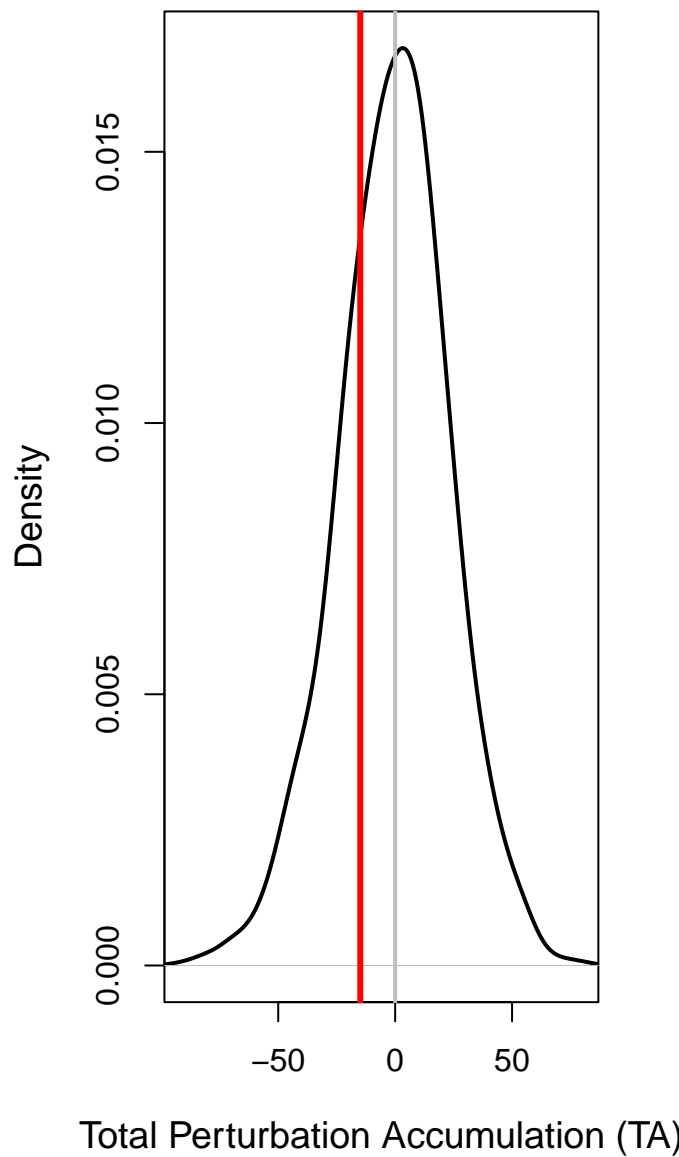




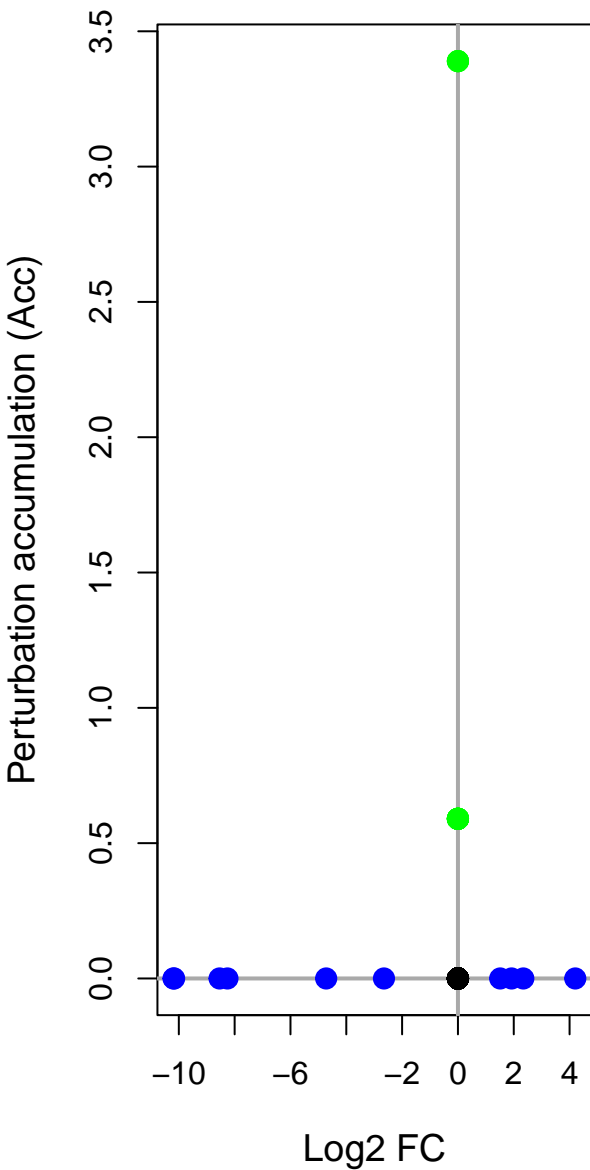
pathway ID=04114



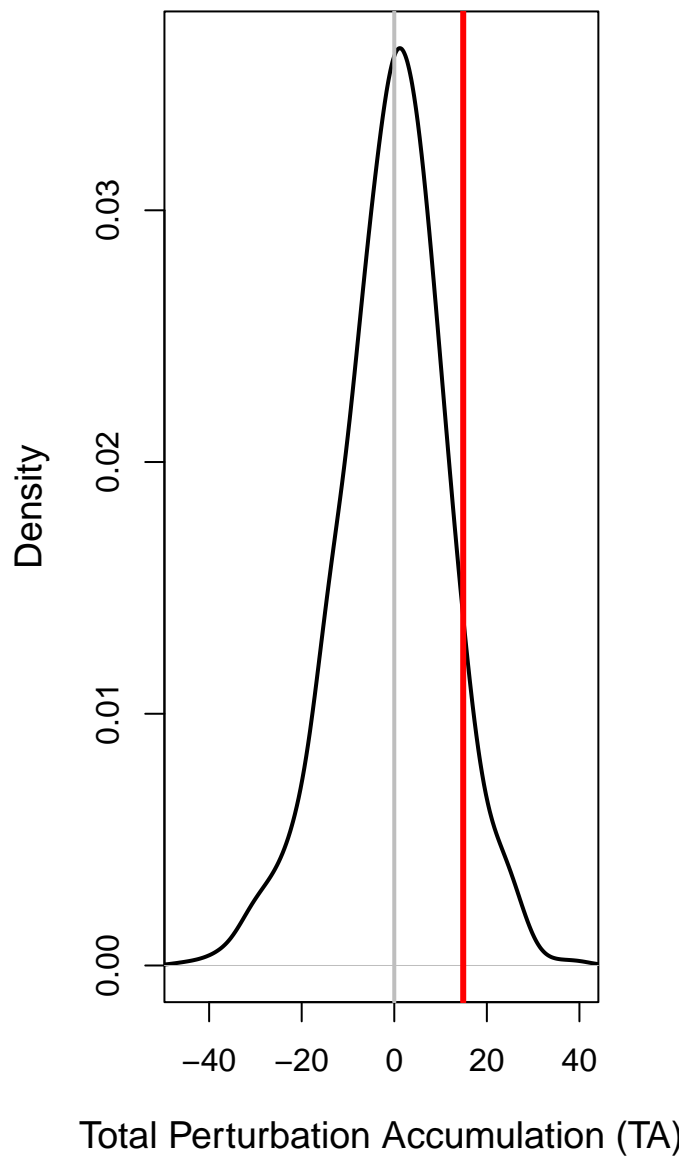
pathway ID=04114 P PERT=0.535



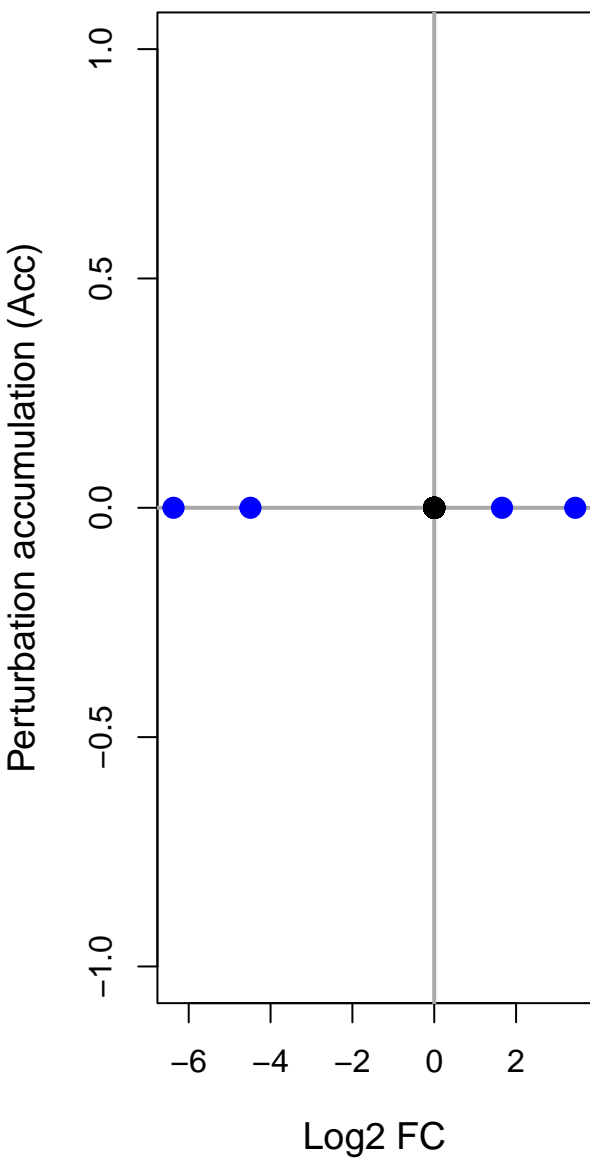
pathway ID=04115



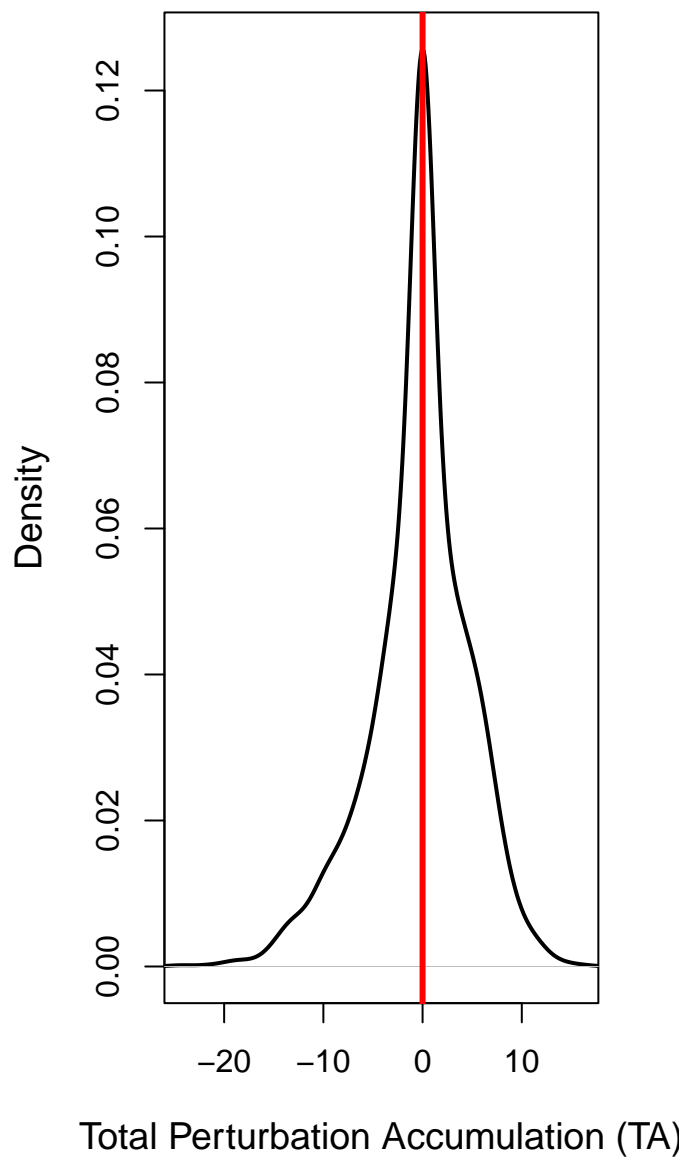
pathway ID=04115 P PERT=0.17



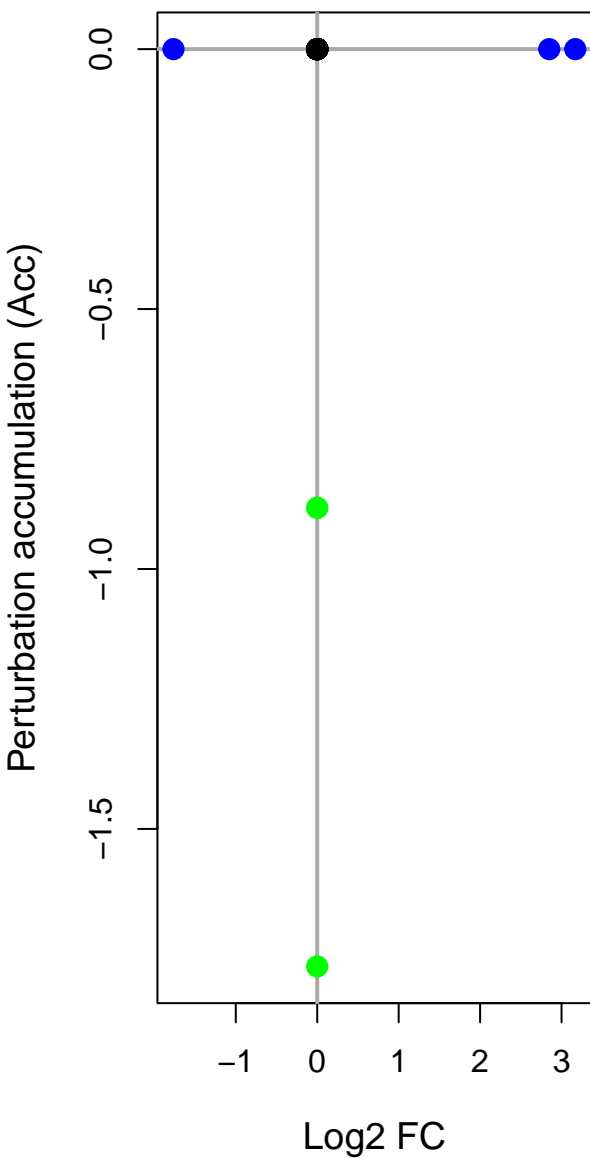
pathway ID=04130



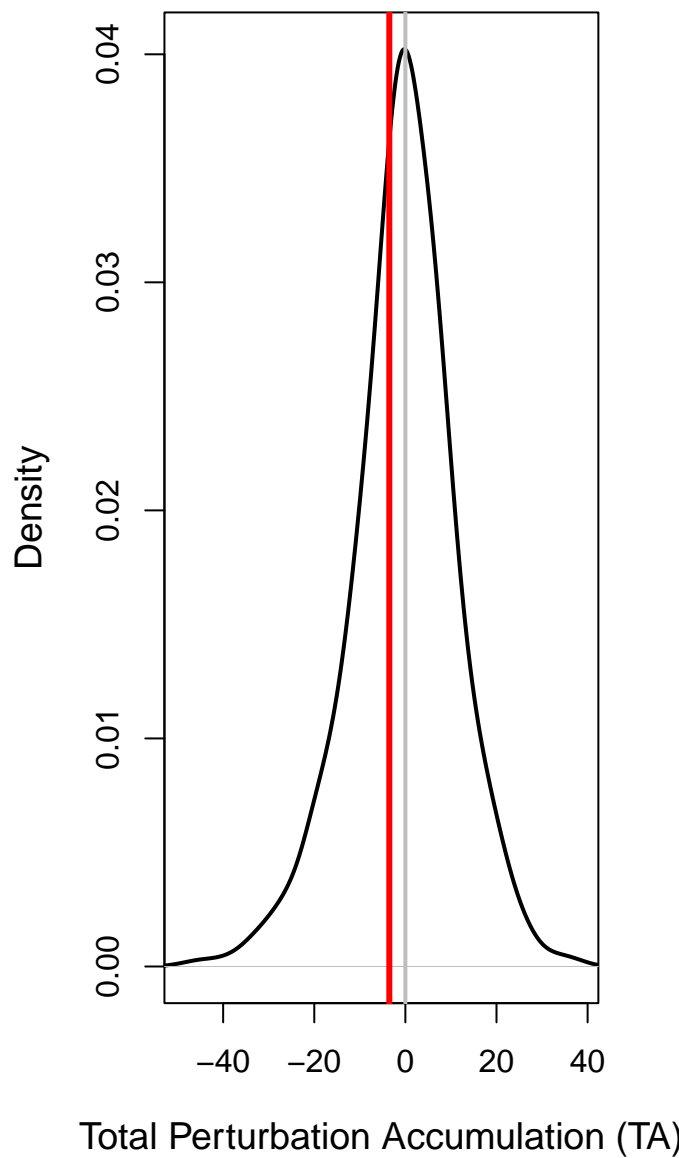
pathway ID=04130 P PERT=1



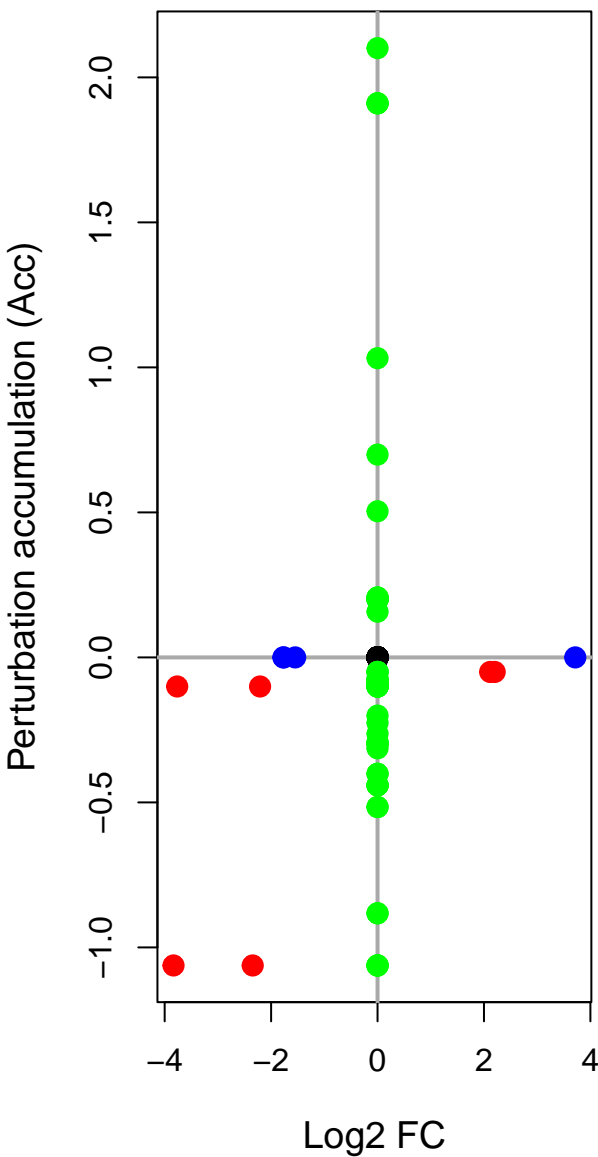
pathway ID=04137



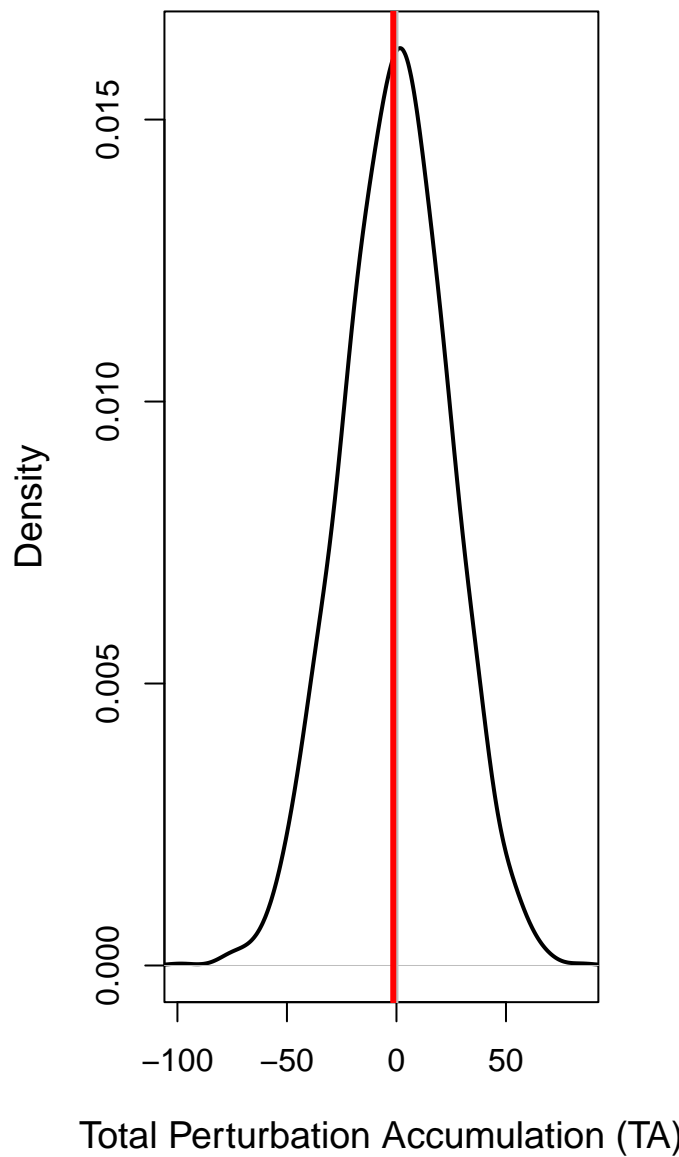
pathway ID=04137 P PERT=0.715



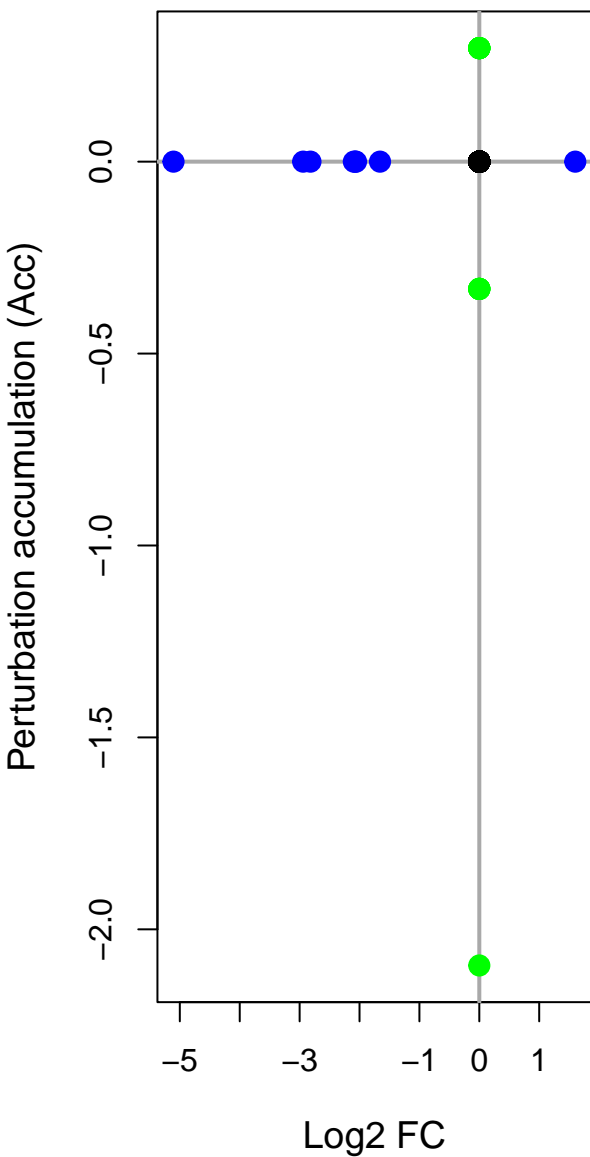
pathway ID=04140



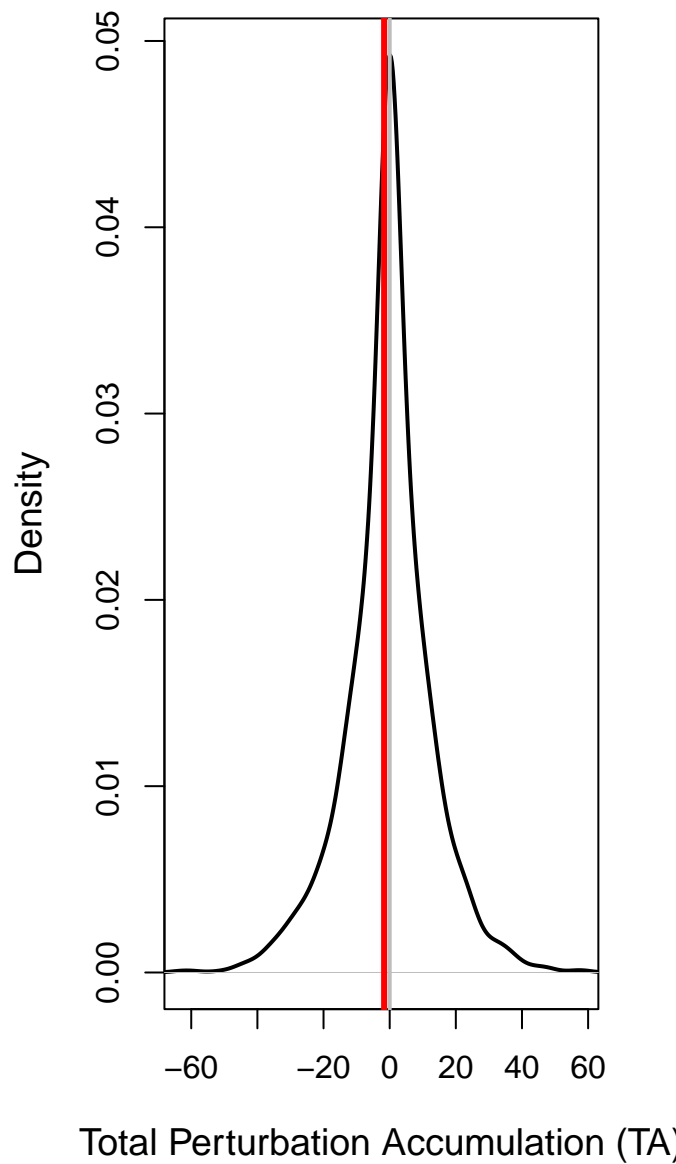
pathway ID=04140 P PERT=0.944



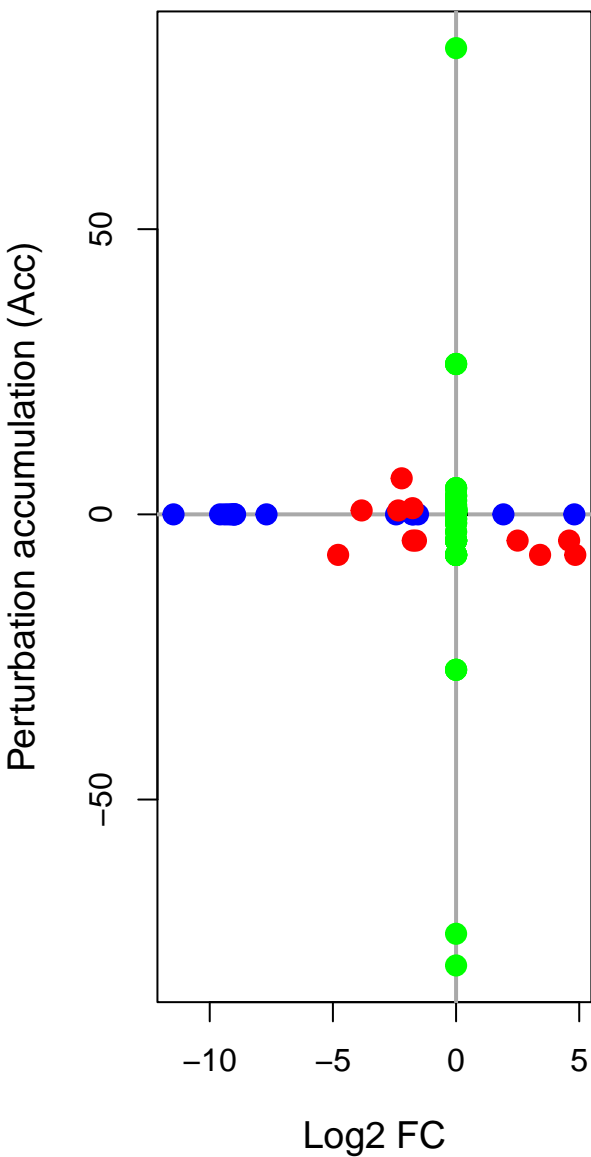
pathway ID=04141



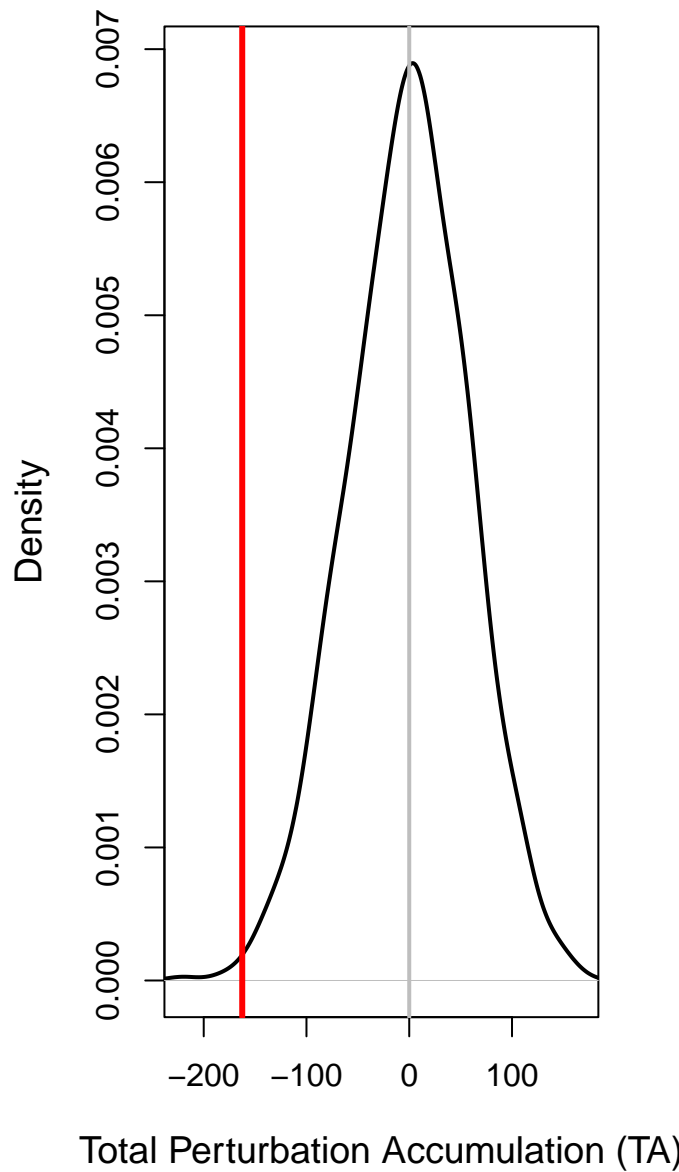
pathway ID=04141 P PERT=0.71



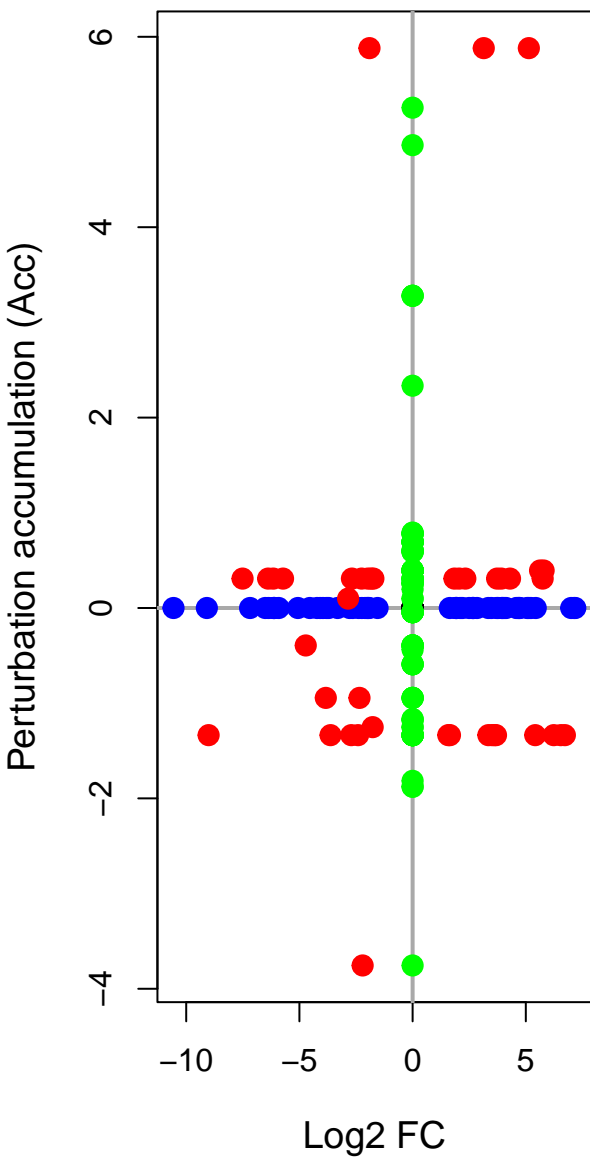
pathway ID=04150



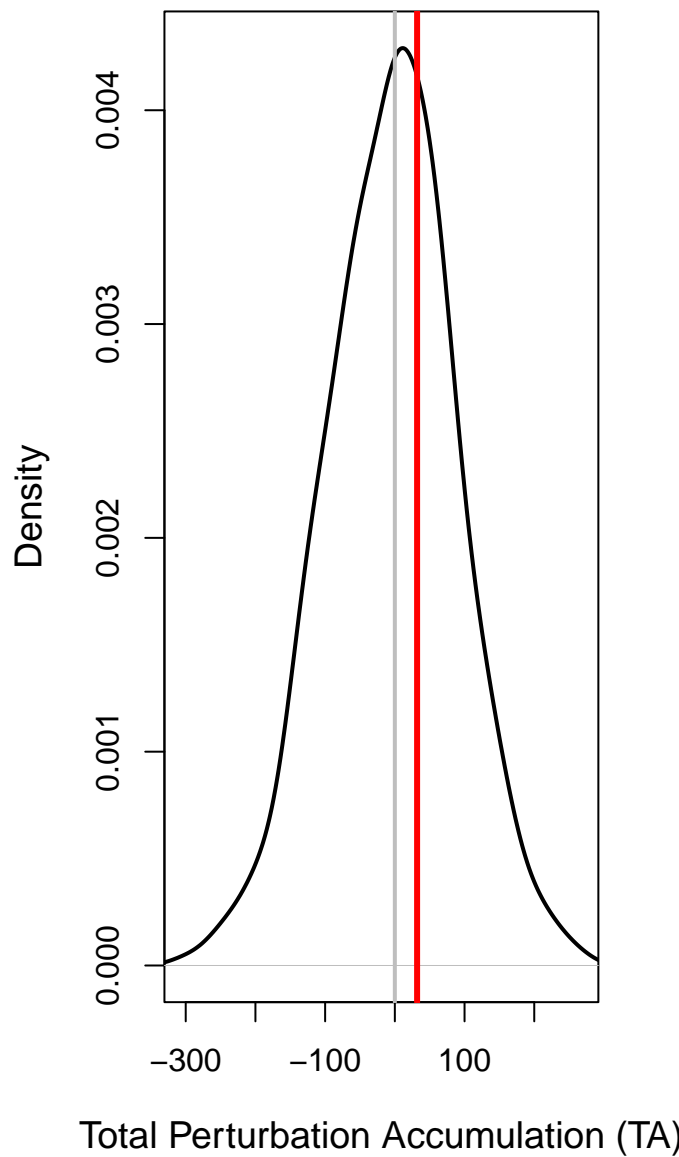
pathway ID=04150 P PERT=0.005



pathway ID=04151

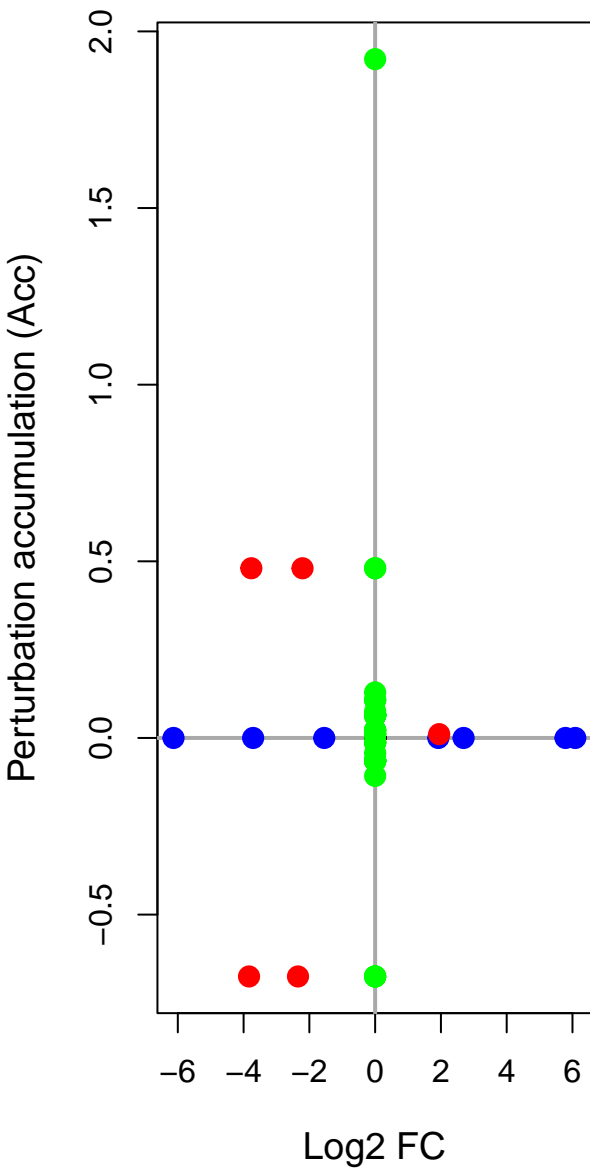


pathway ID=04151 P PERT=0.717

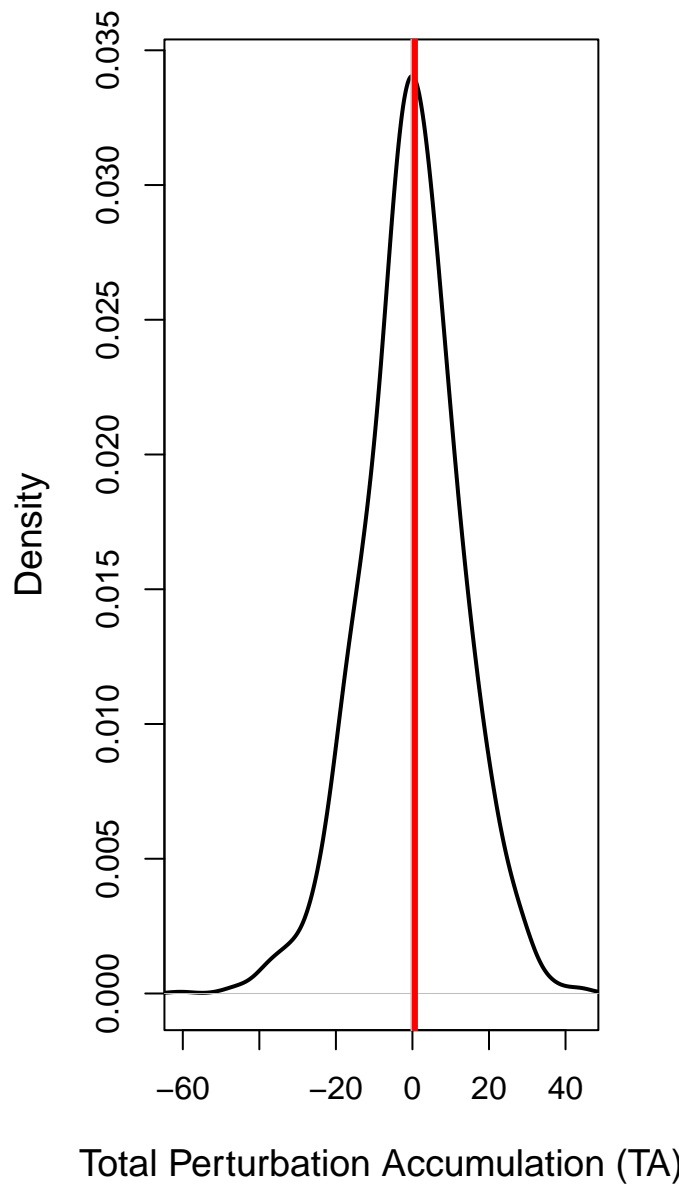




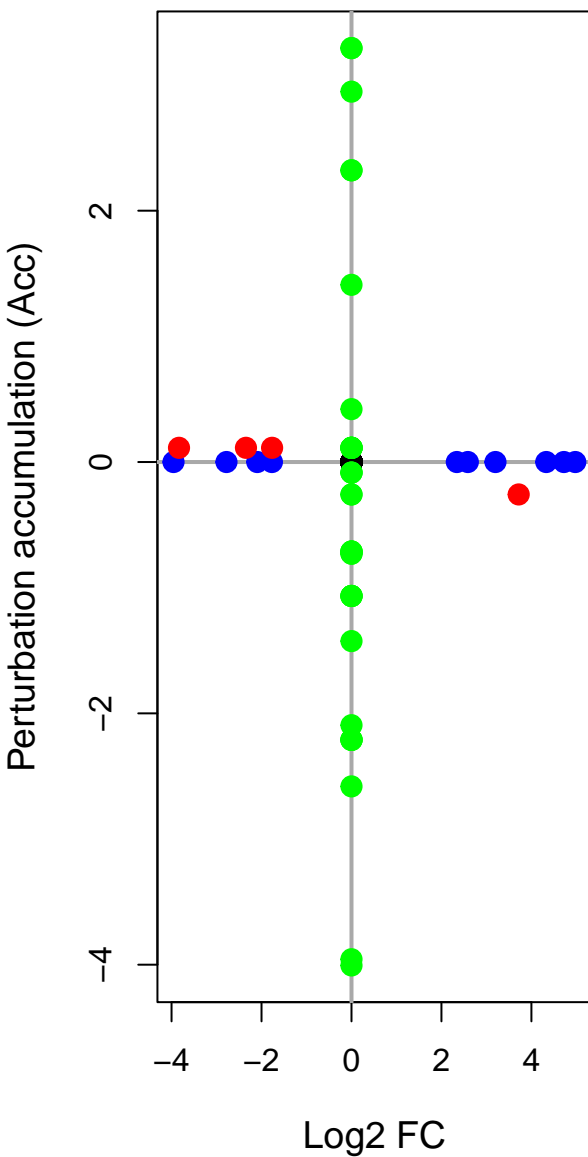
pathway ID=04152



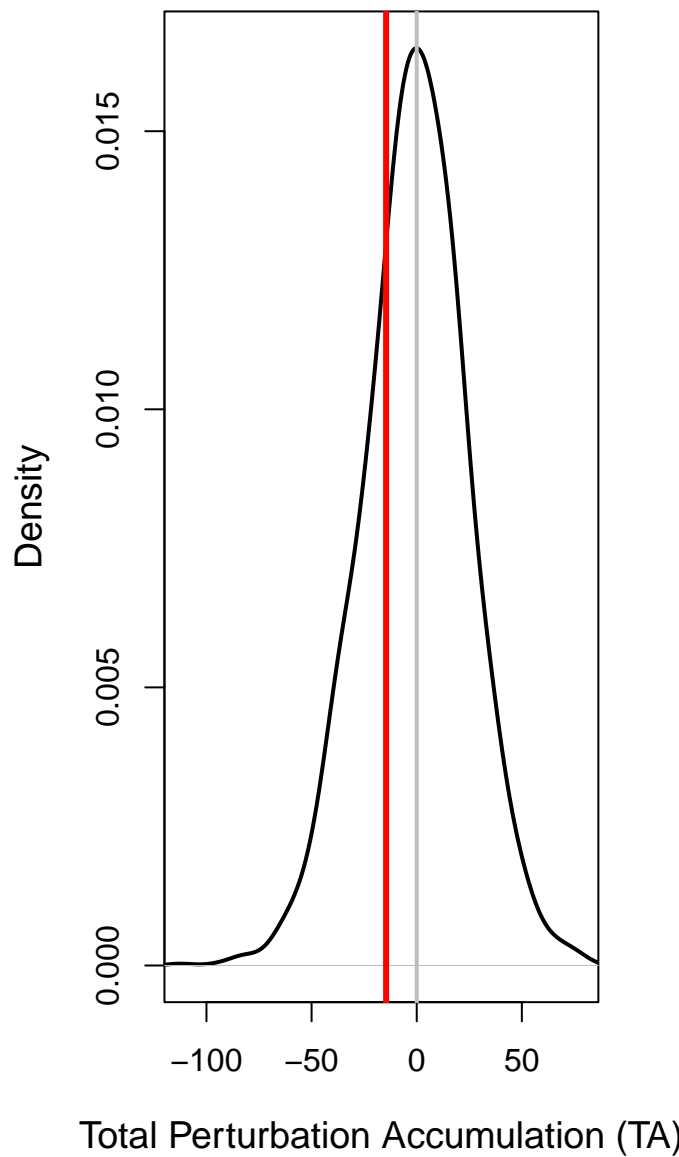
pathway ID=04152 P PERT=0.948



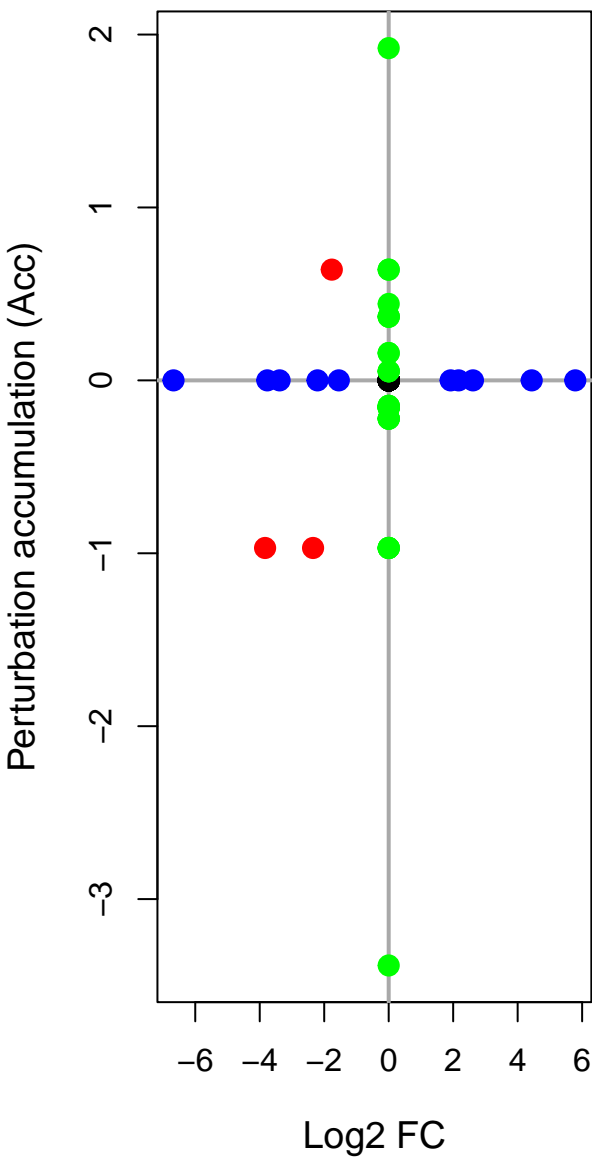
pathway ID=04210



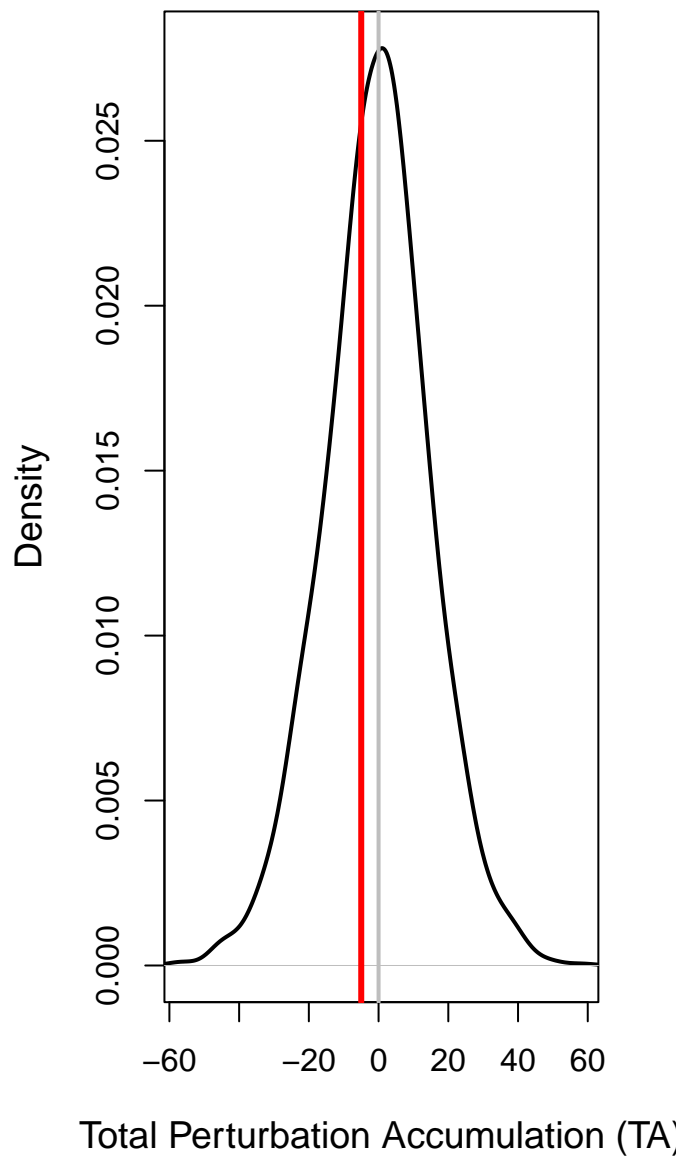
pathway ID=04210 P PERT=0.536



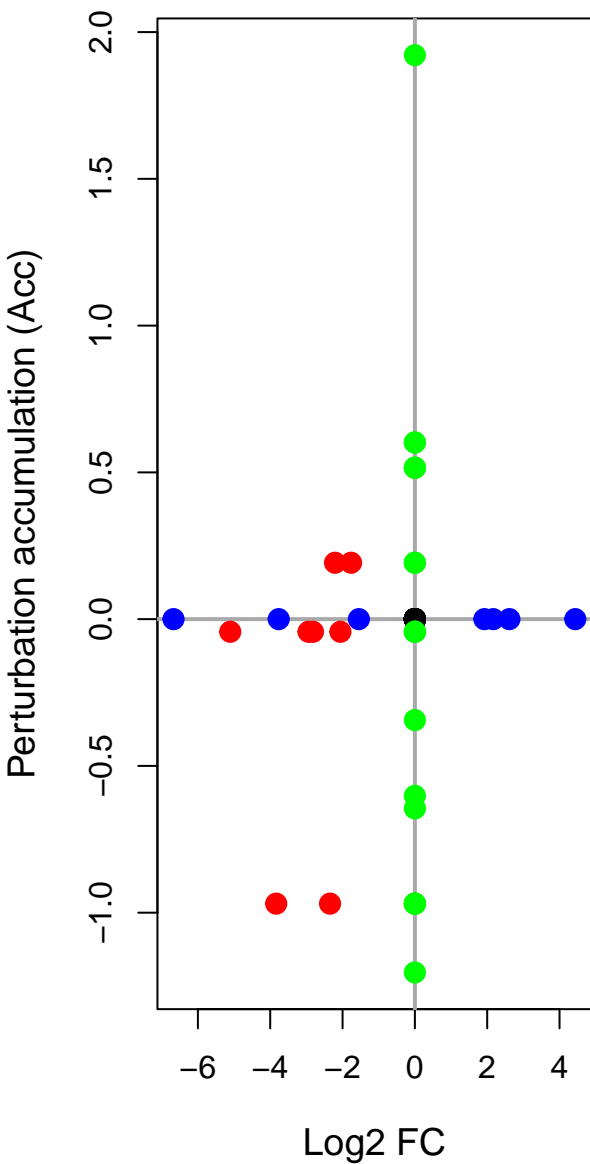
pathway ID=04211



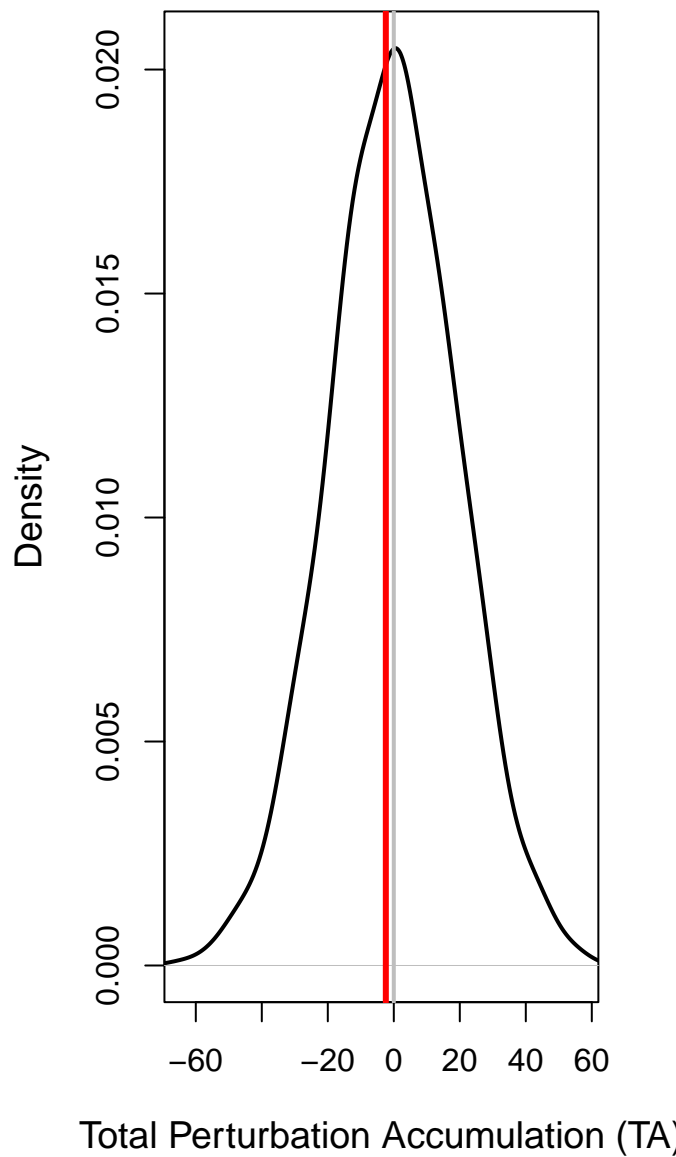
pathway ID=04211 P PERT=0.743



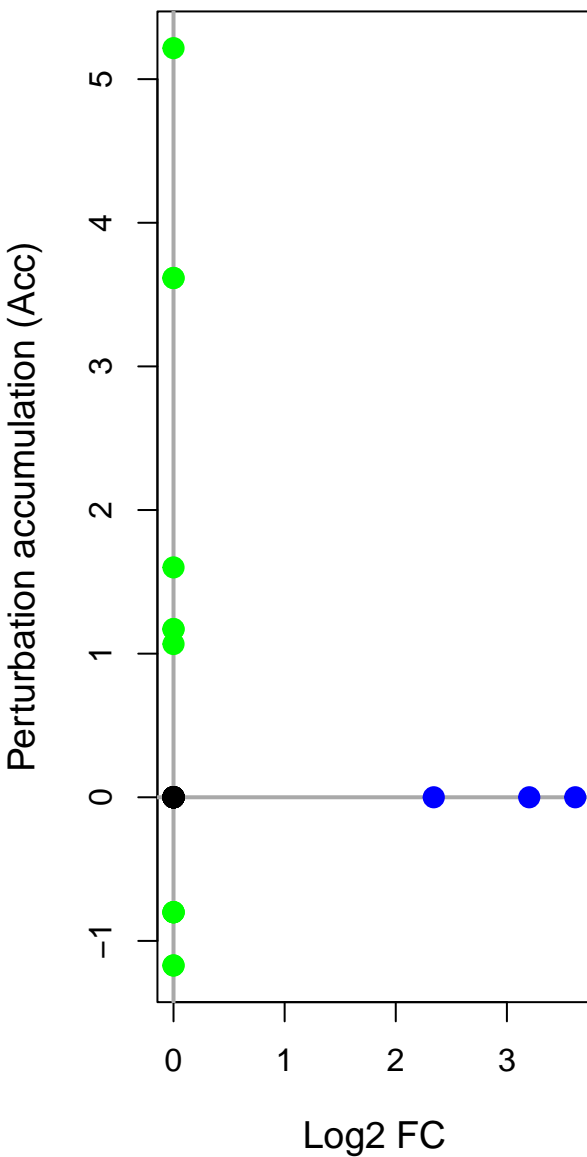
pathway ID=04213



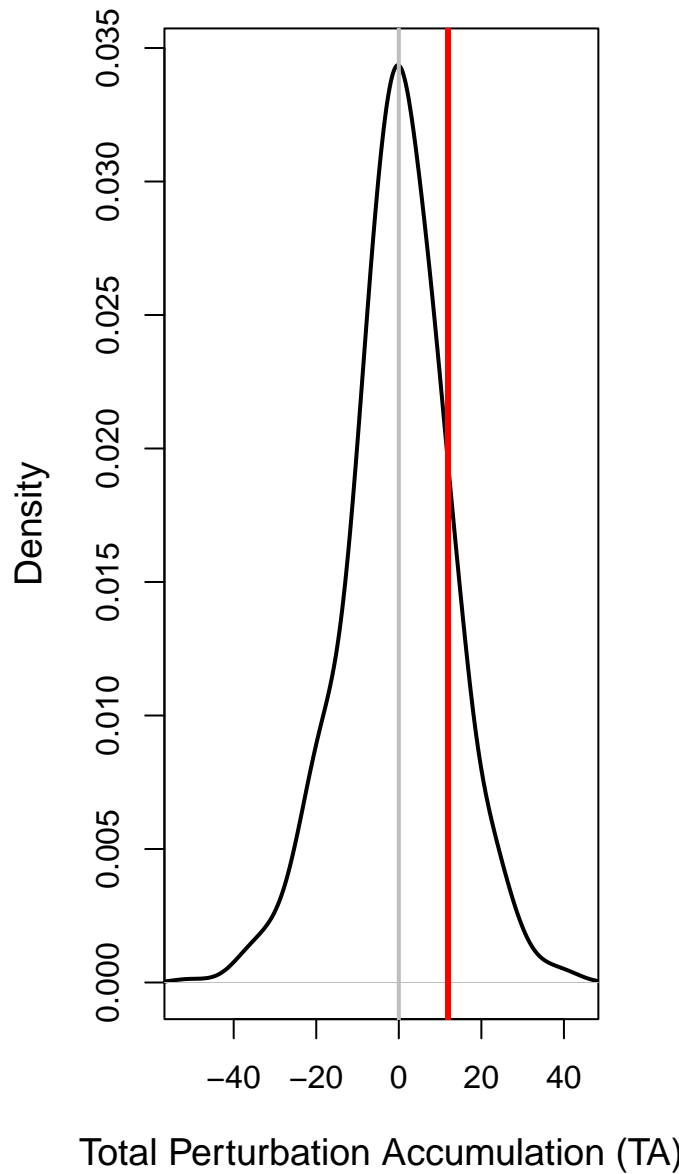
pathway ID=04213 P PERT=0.896



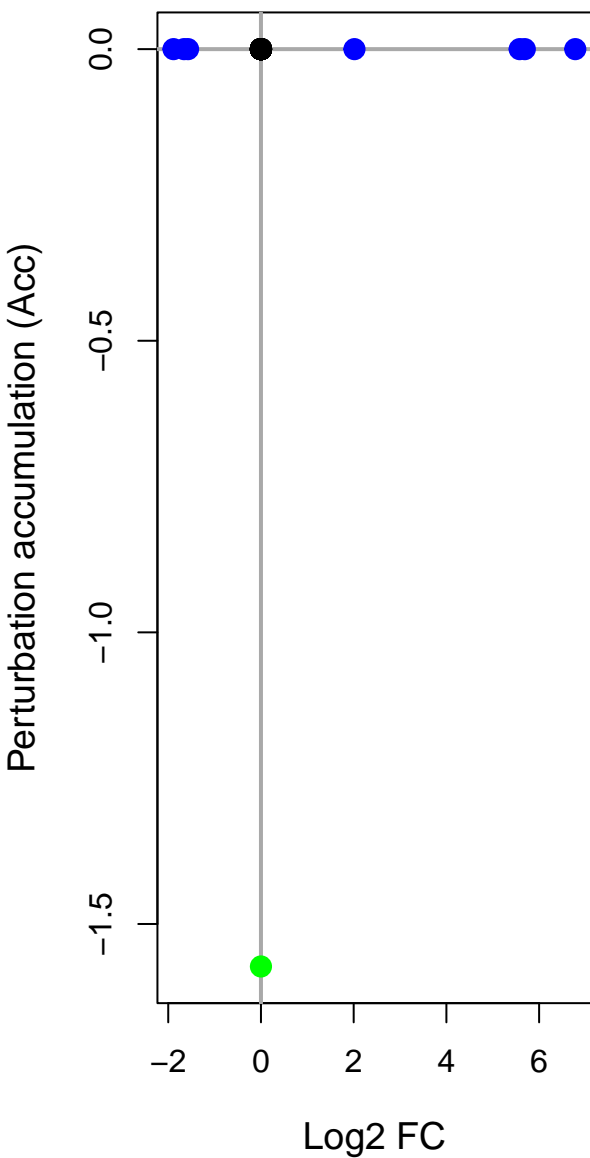
pathway ID=04215



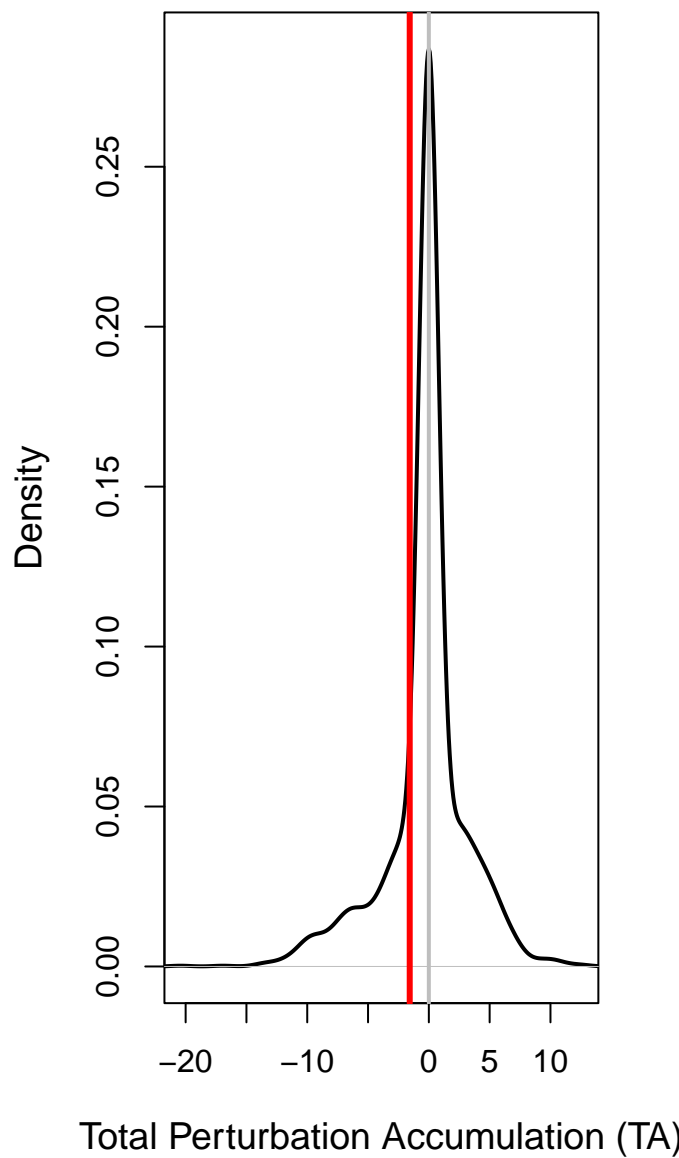
pathway ID=04215 P PERT=0.314



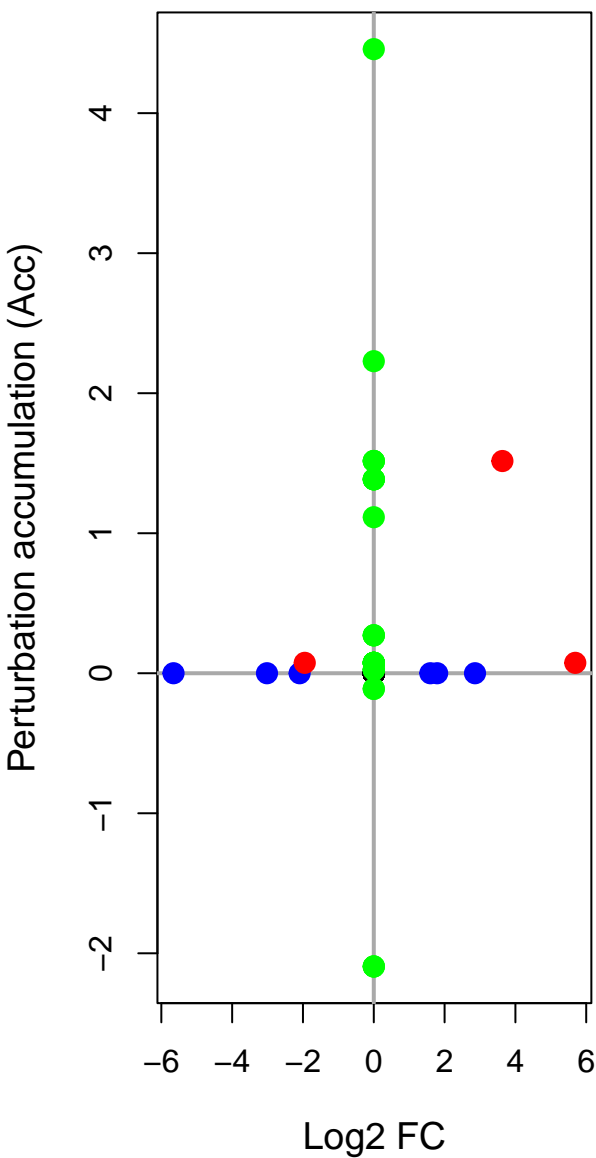
pathway ID=04216



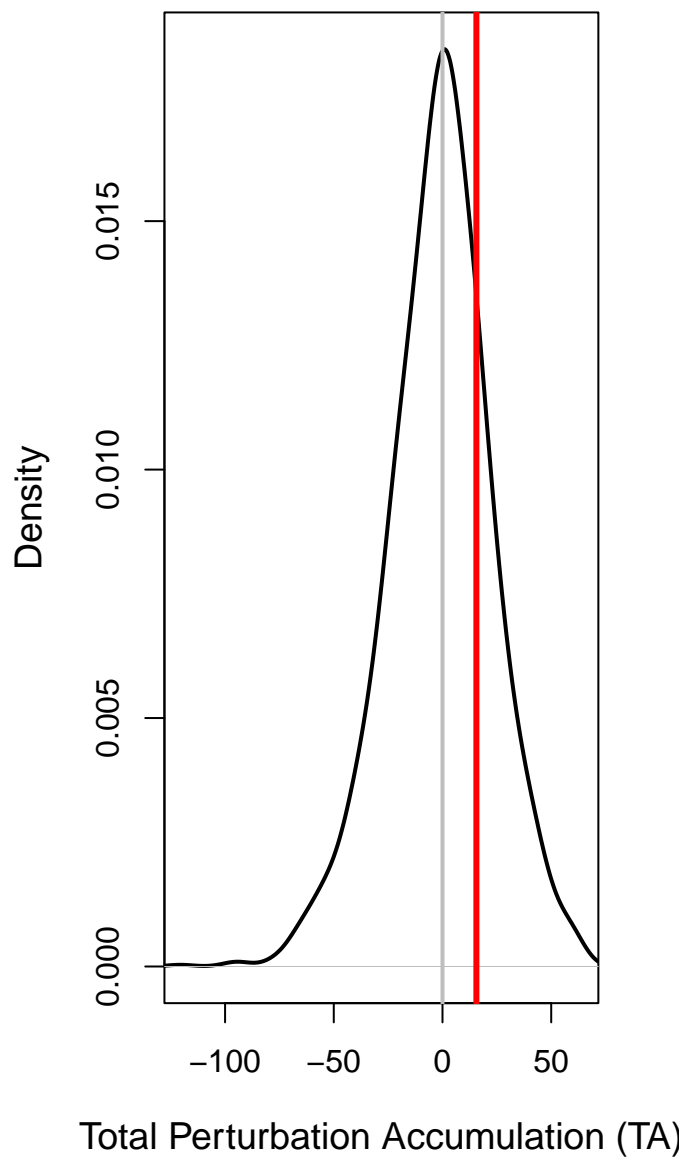
pathway ID=04216 P PERT=0.403



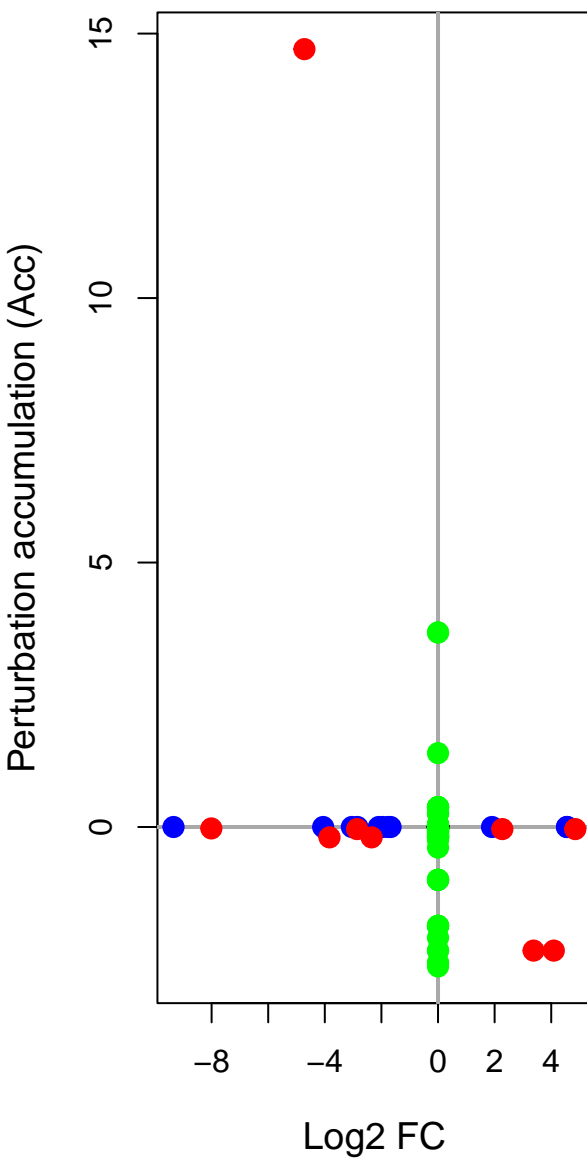
pathway ID=04217



pathway ID=04217 P PERT=0.441

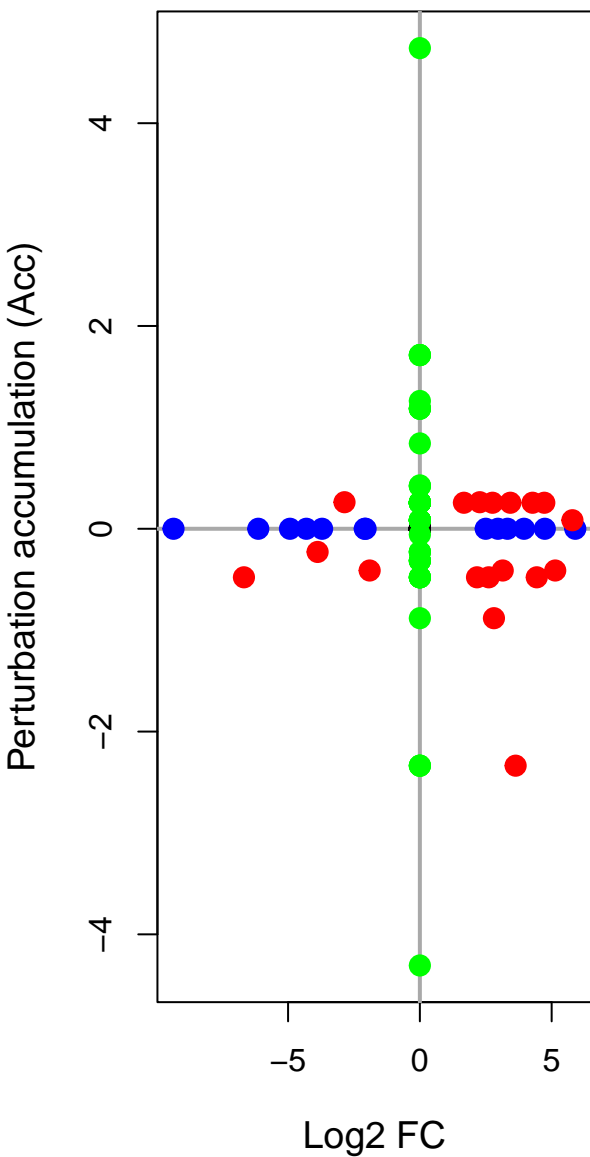


pathway ID=04218

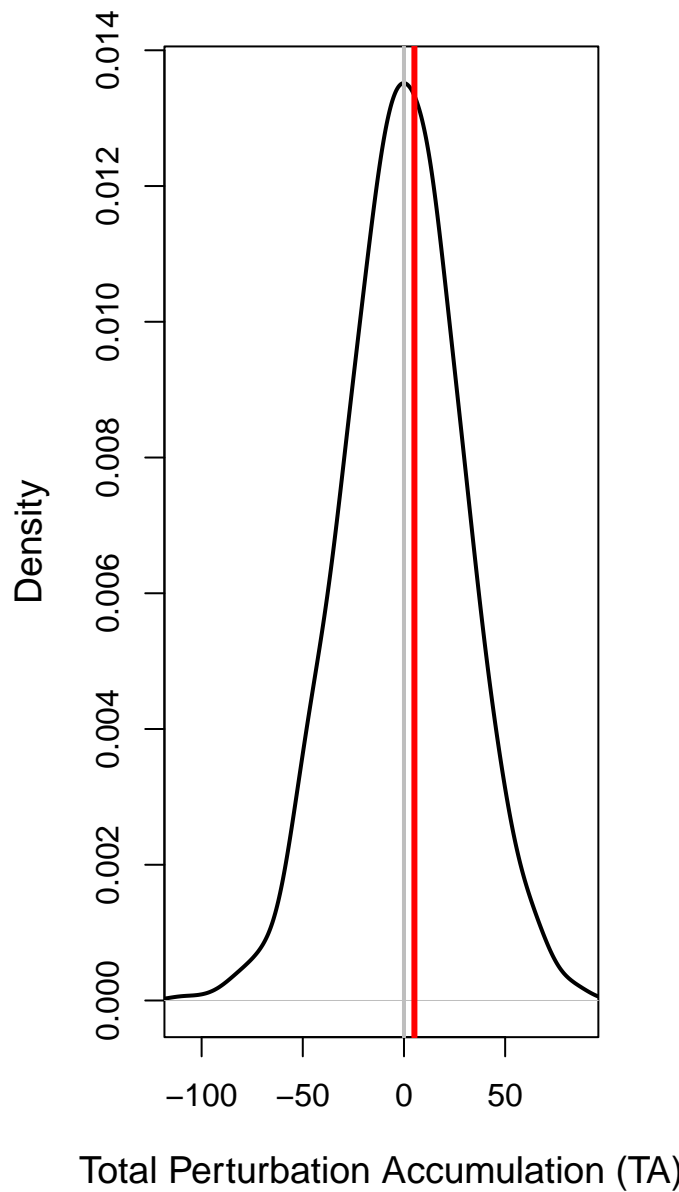




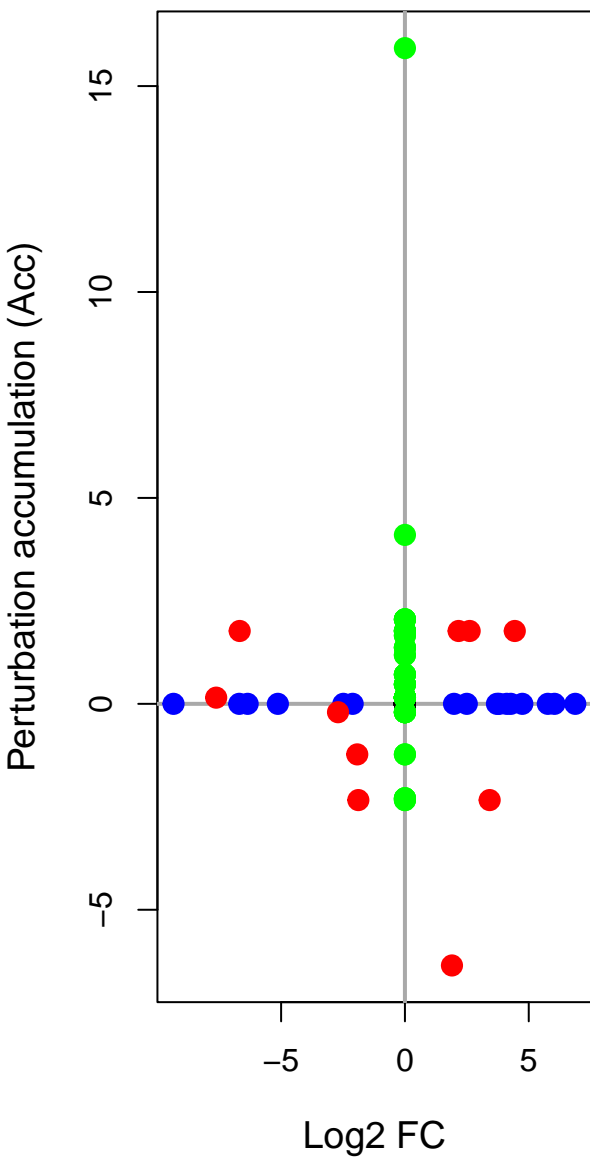
pathway ID=04261



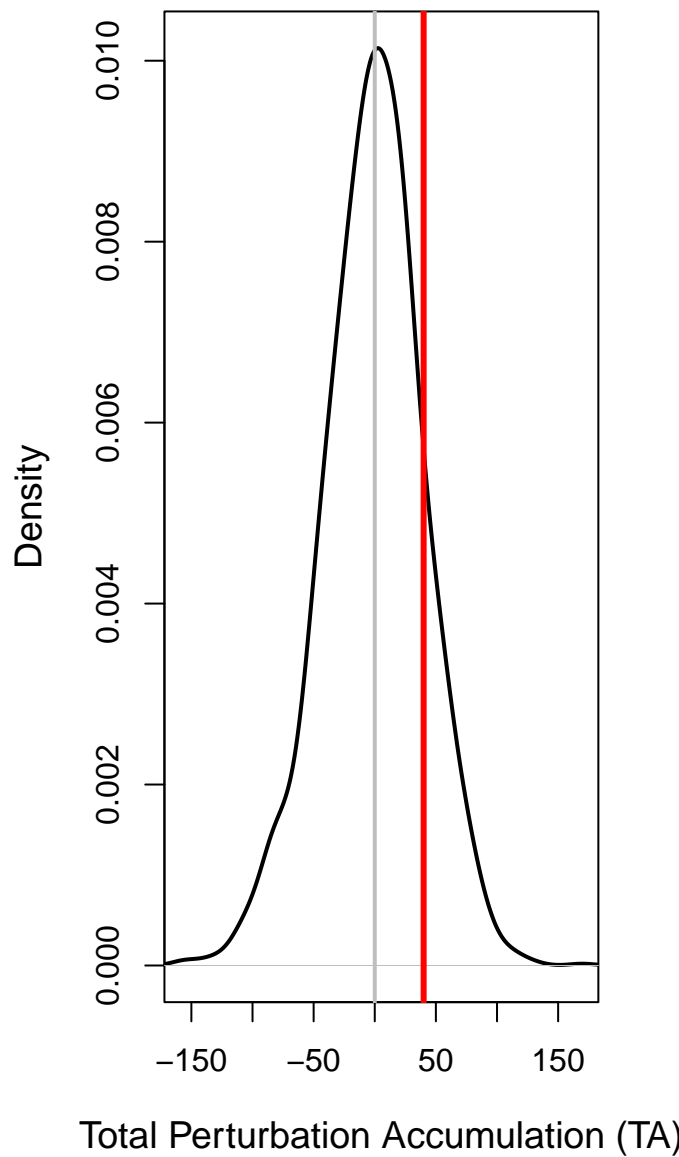
pathway ID=04261 P PERT=0.844



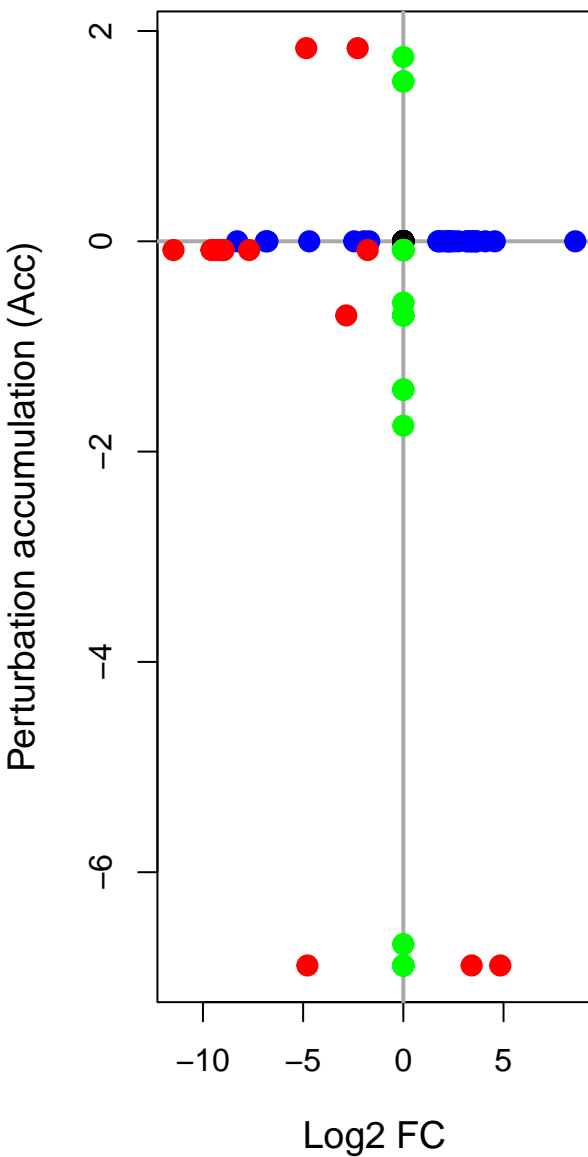
pathway ID=04270



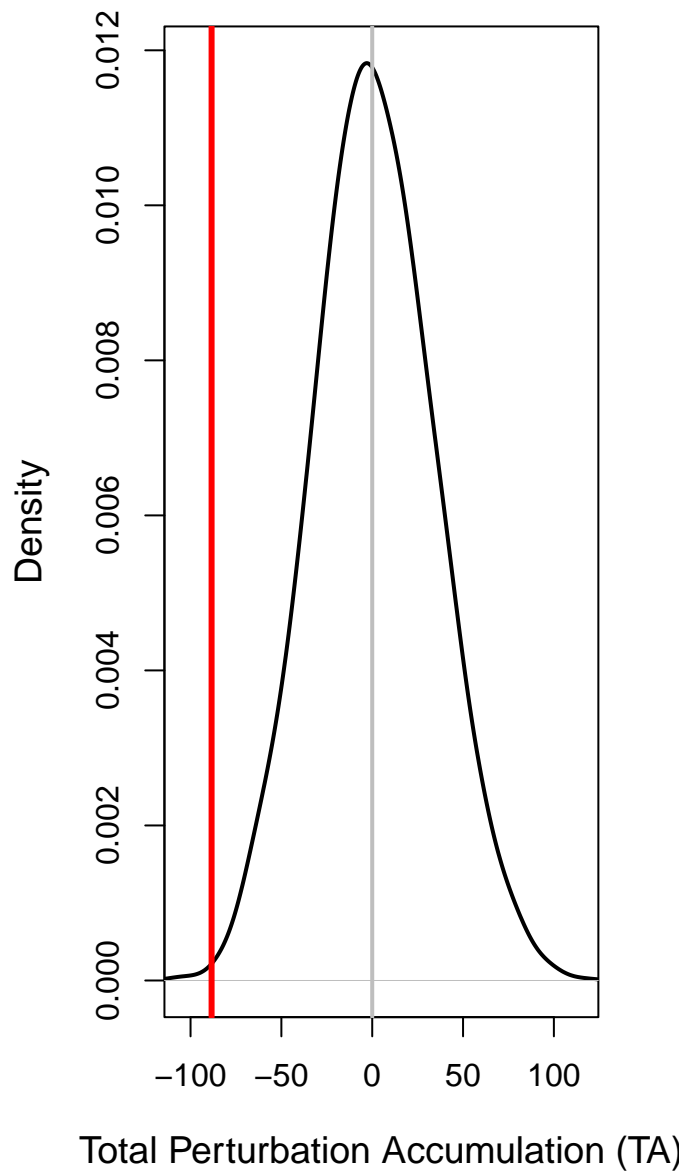
pathway ID=04270 P PERT=0.297



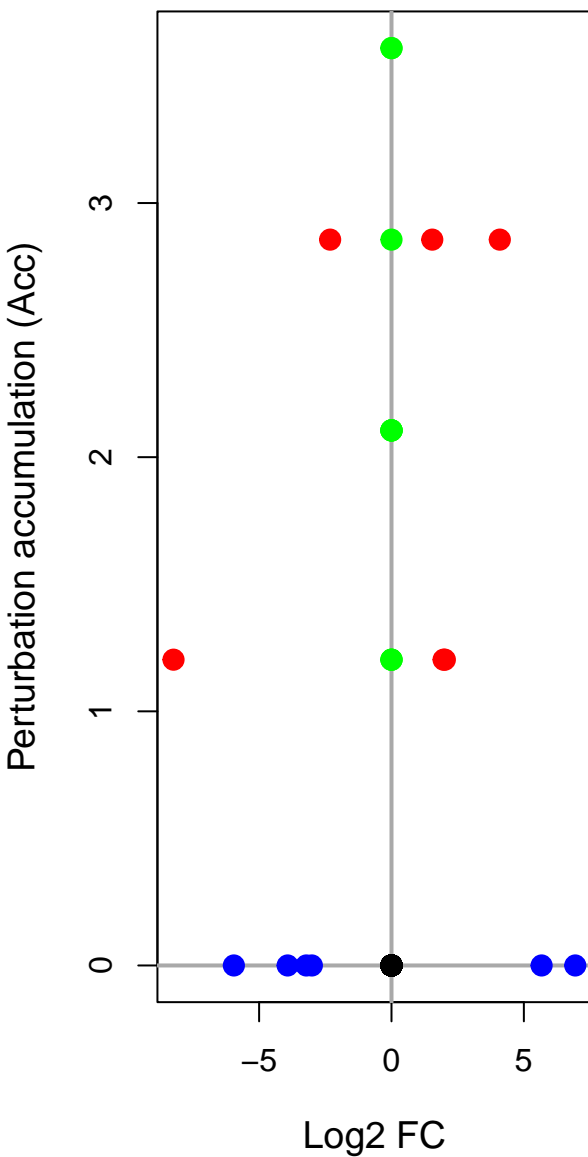
pathway ID=04310



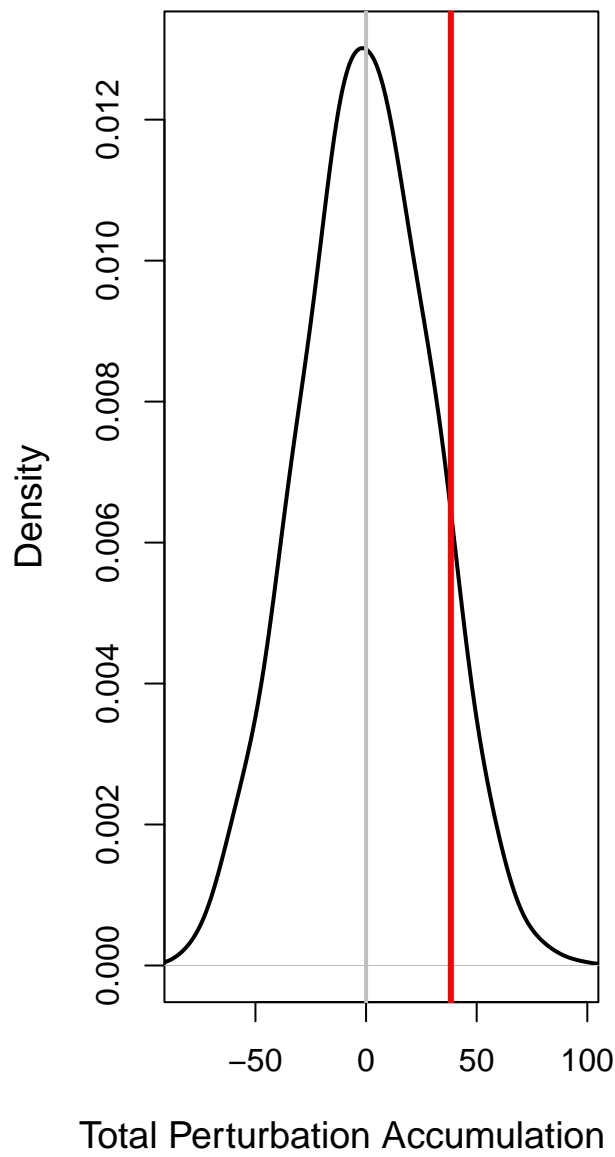
pathway ID=04310 P PERT=0.002



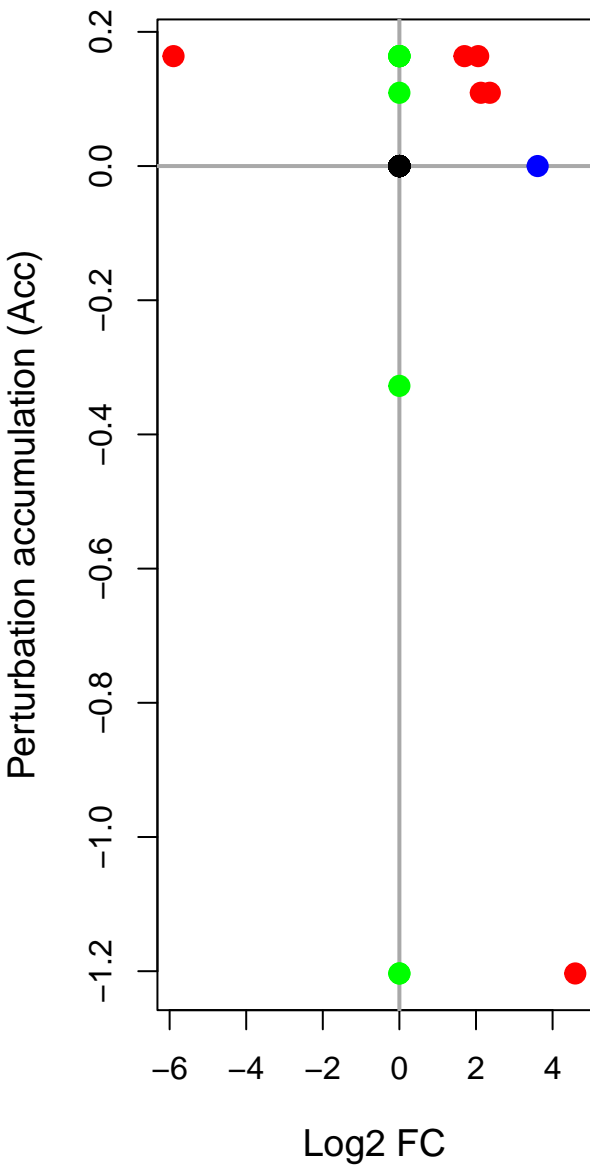
pathway ID=04330



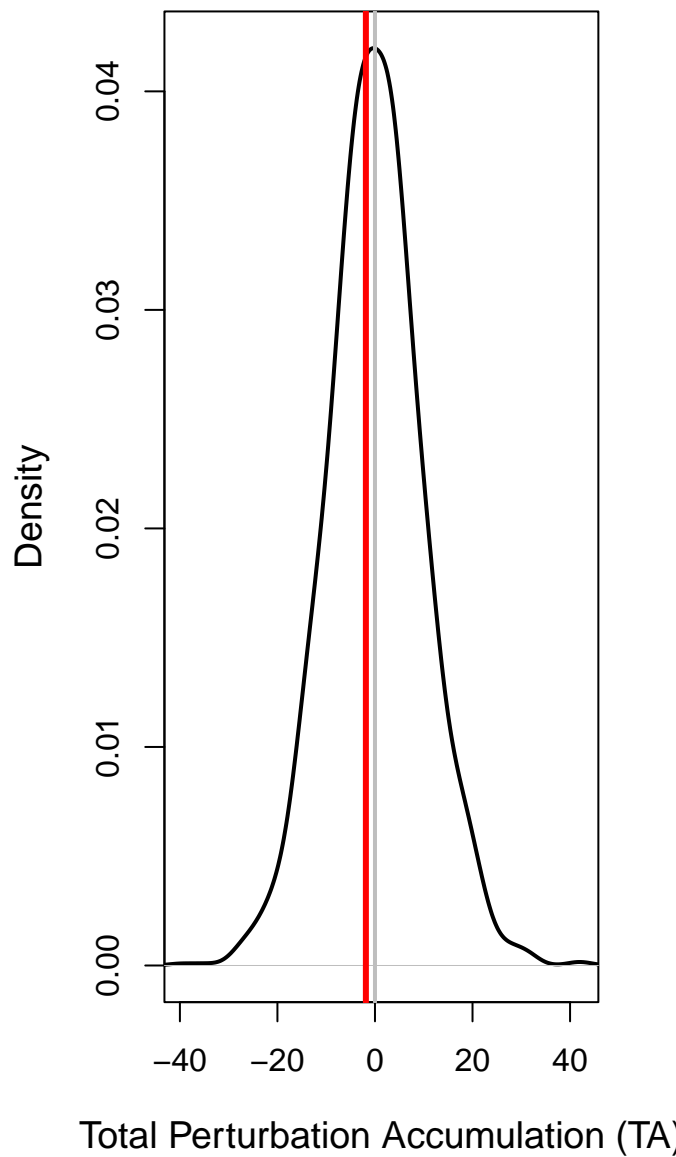
pathway ID=04330 P PERT=0.191



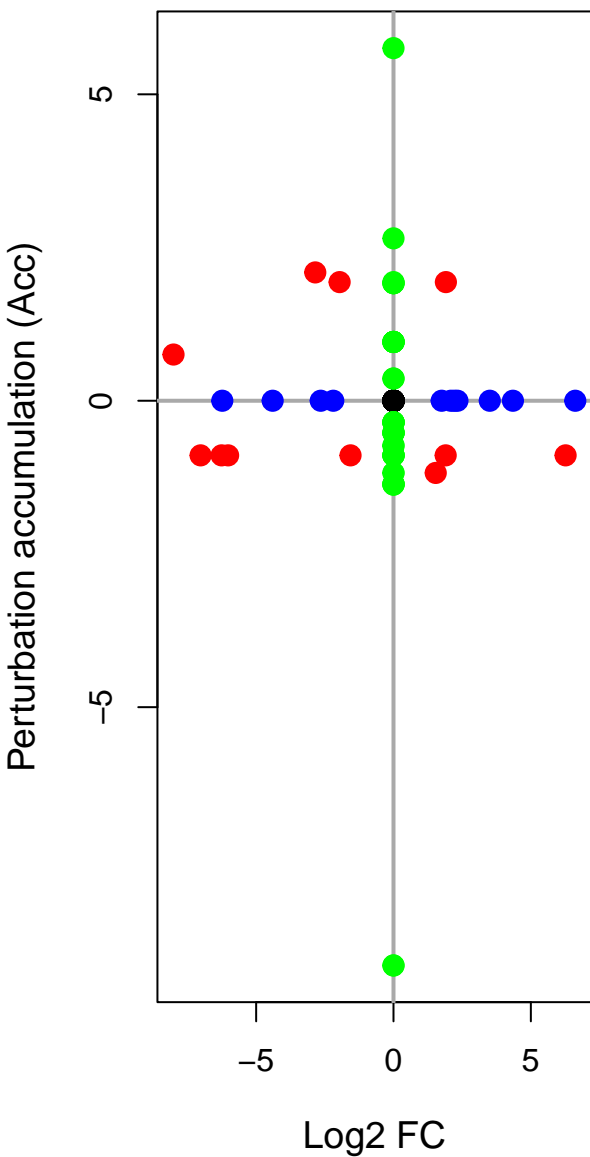
pathway ID=04340



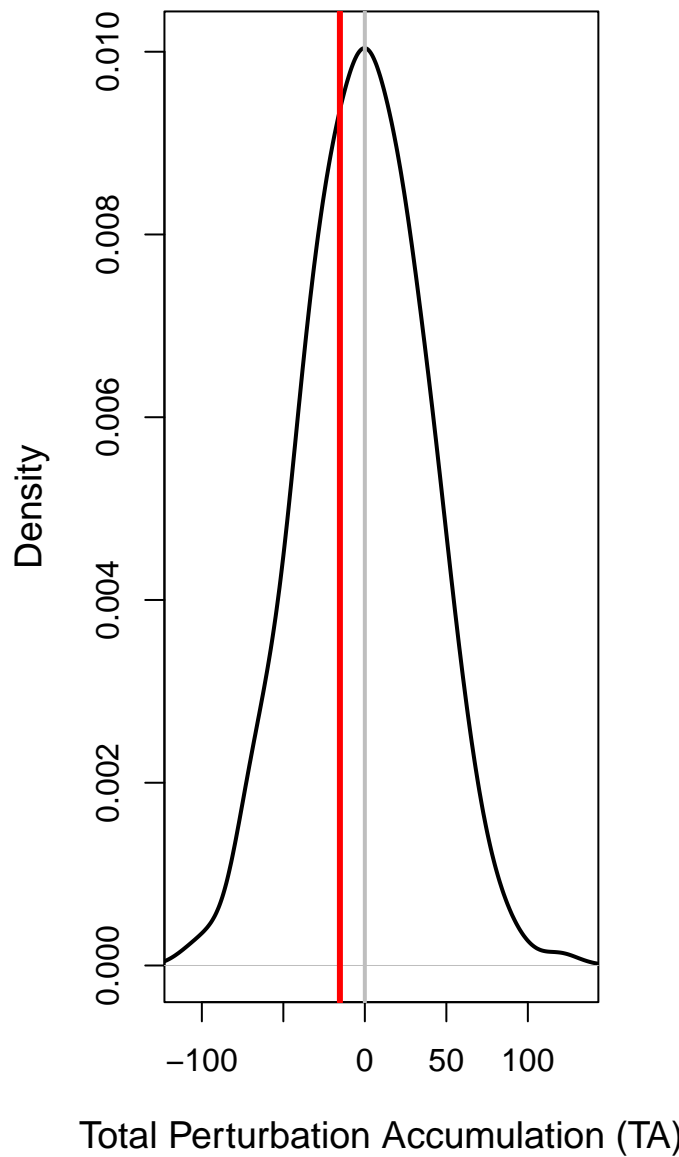
pathway ID=04340 P PERT=0.839



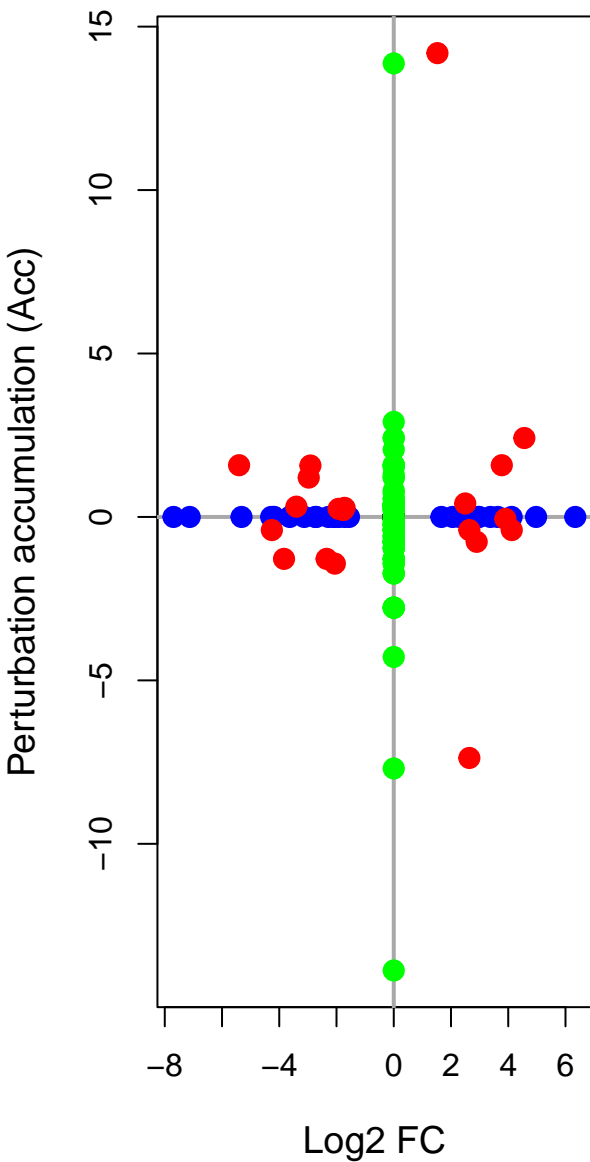
pathway ID=04350



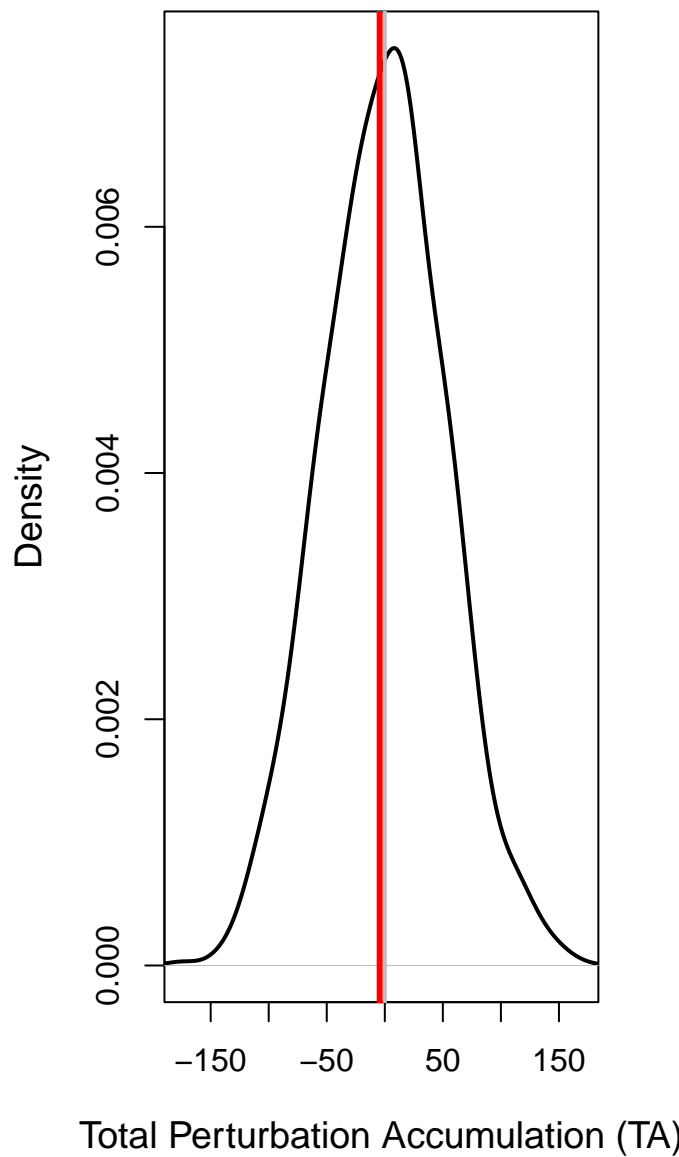
pathway ID=04350 P PERT=0.7



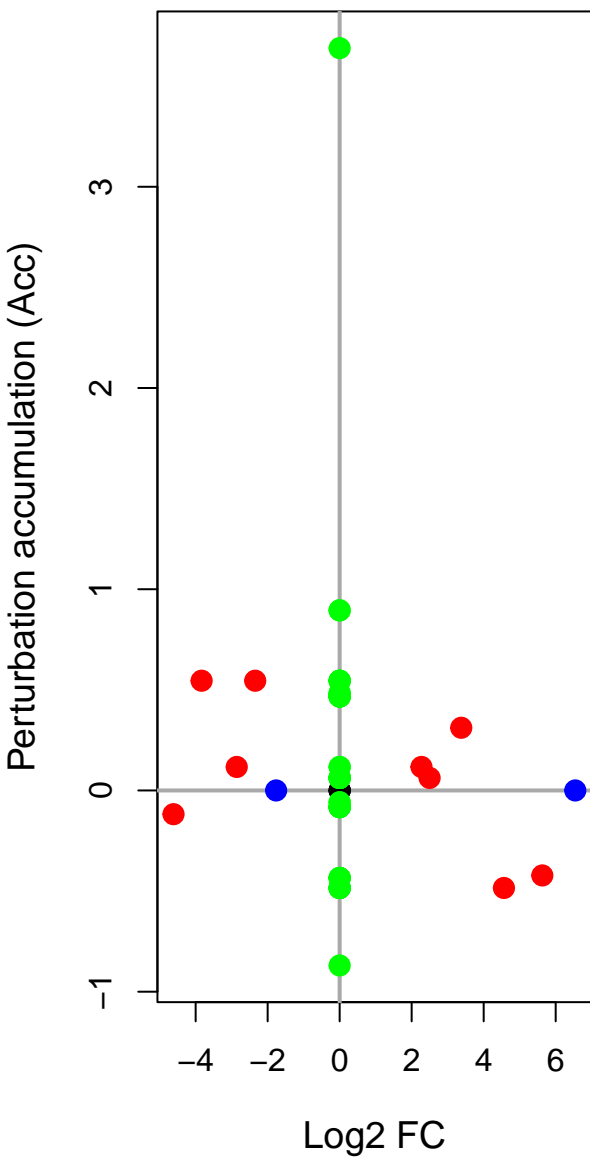
pathway ID=04360



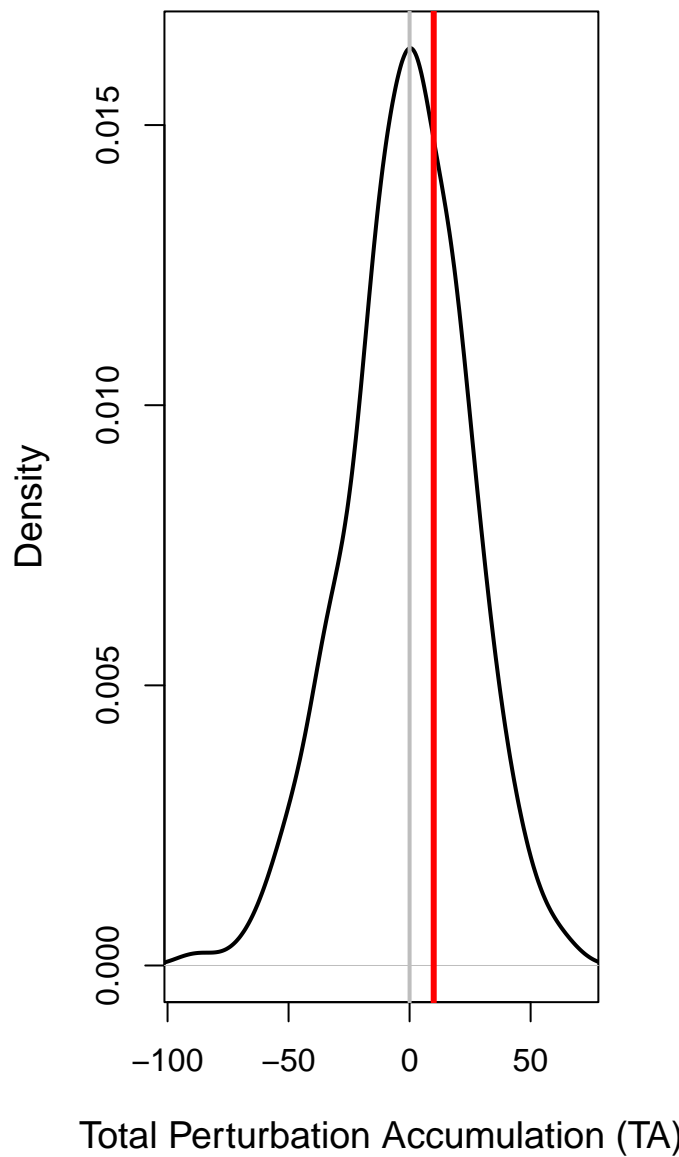
pathway ID=04360 P PERT=0.935



pathway ID=04370

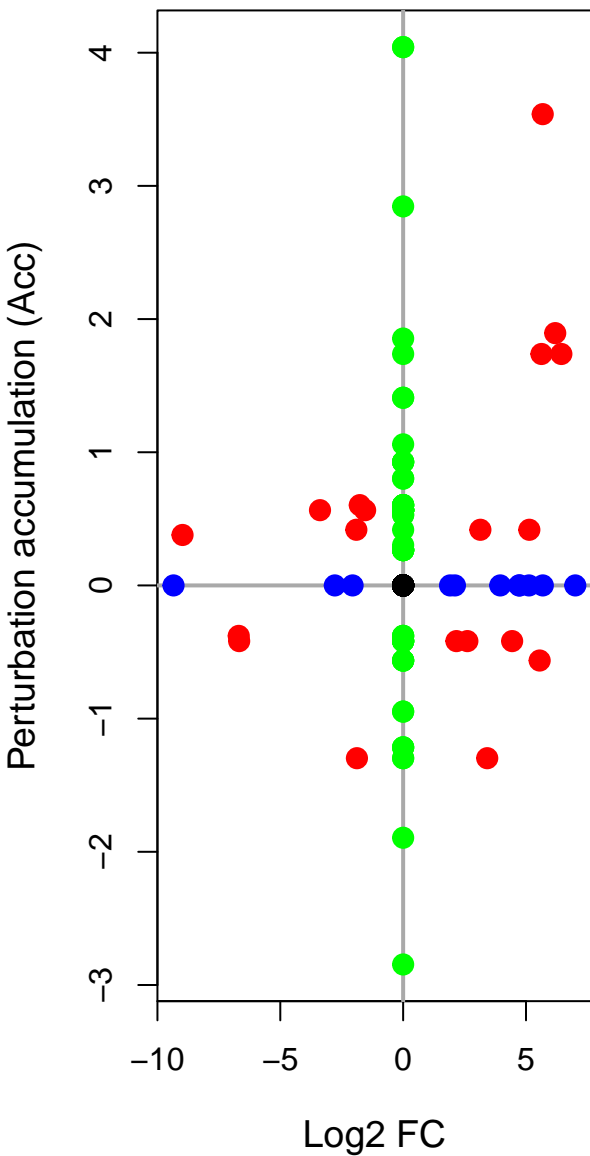


pathway ID=04370 P PERT=0.666

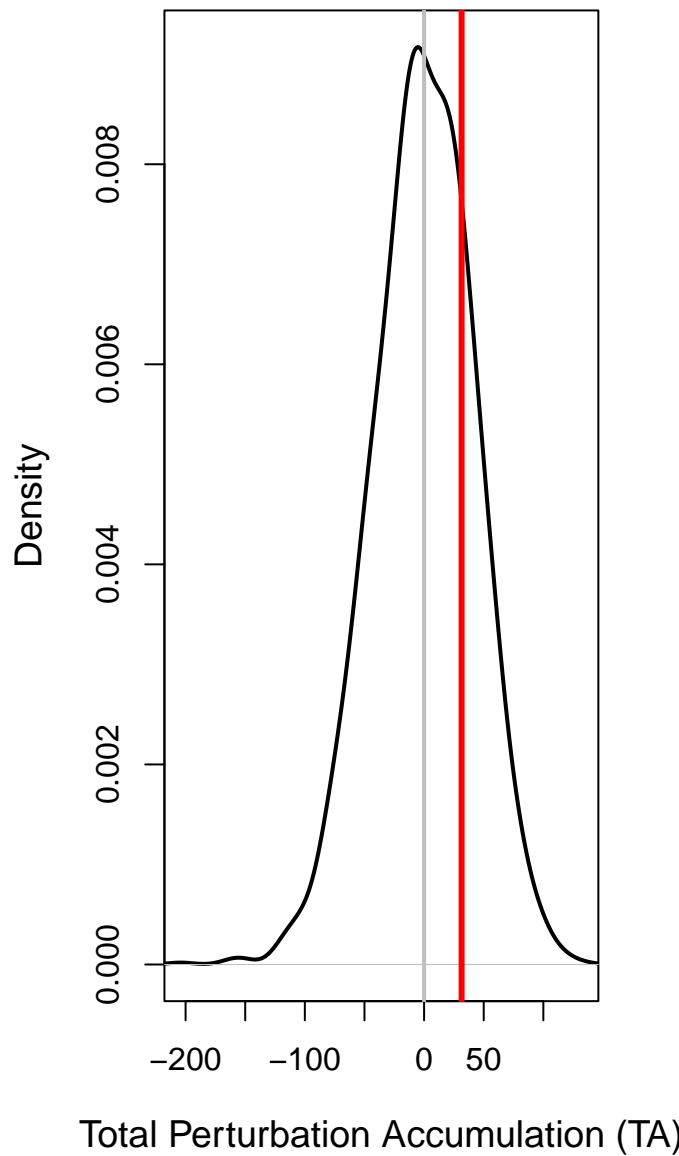




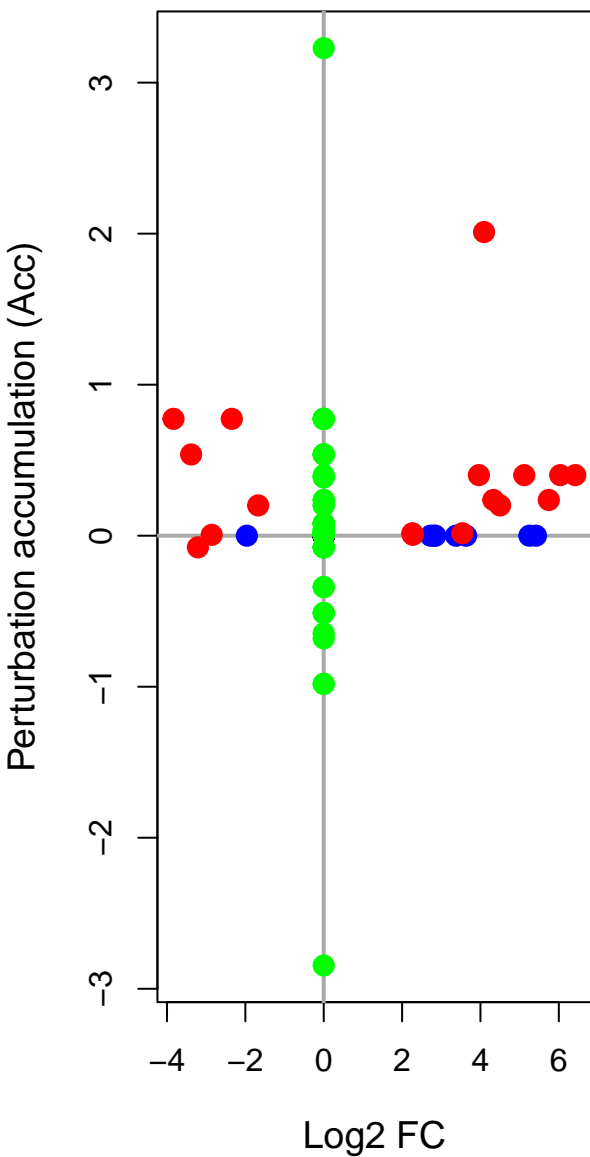
pathway ID=04371



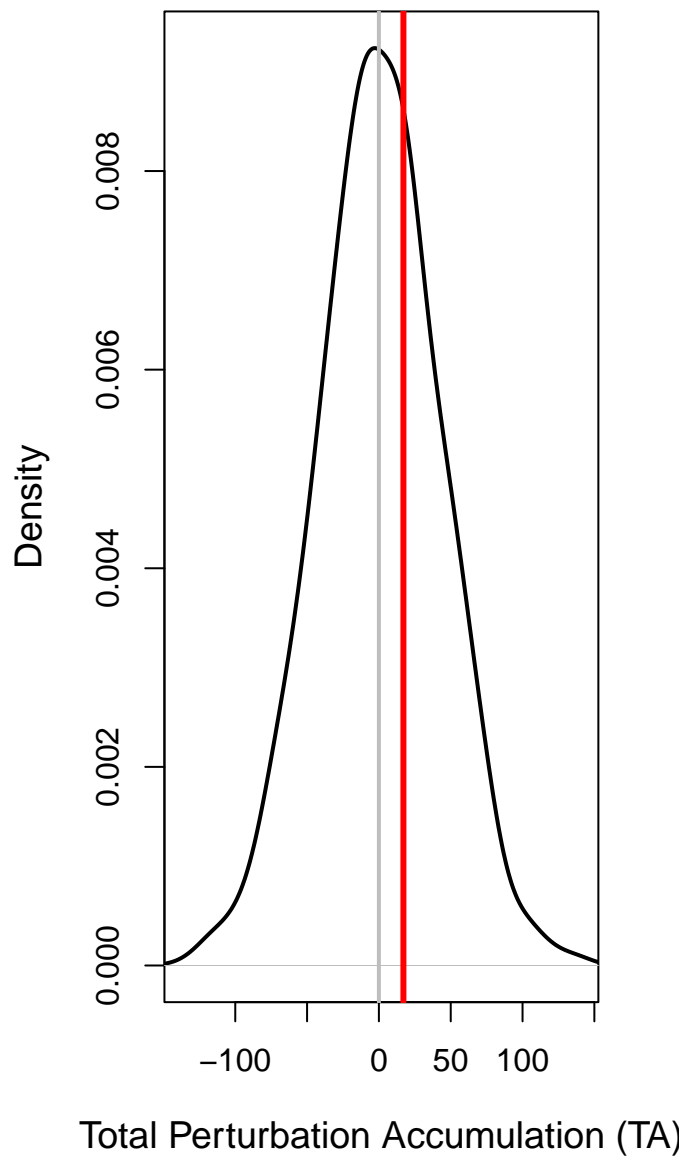
pathway ID=04371 P PERT=0.459



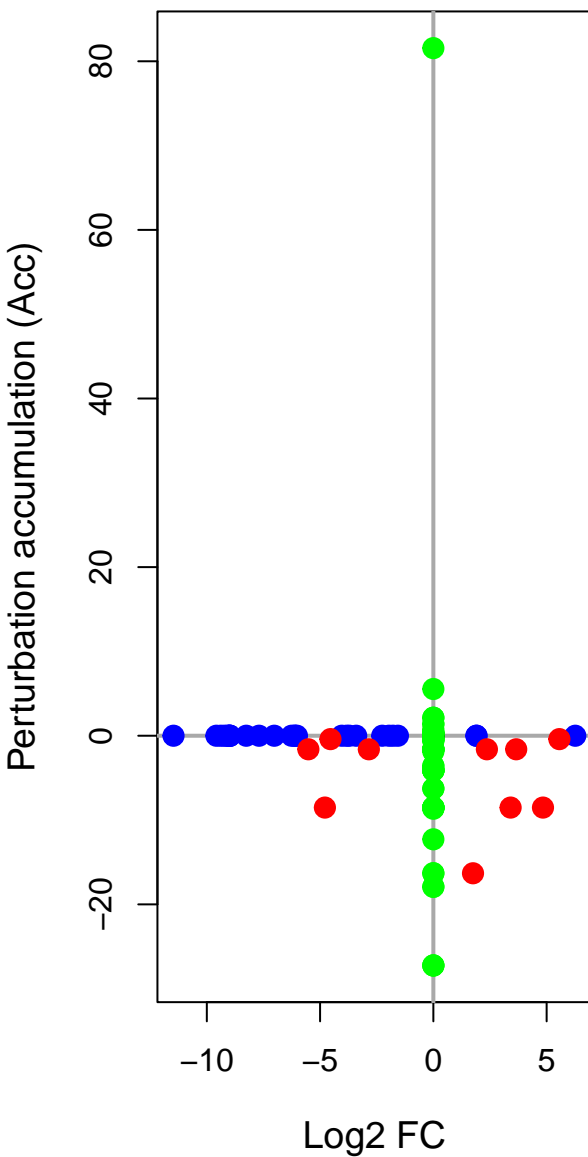
pathway ID=04380



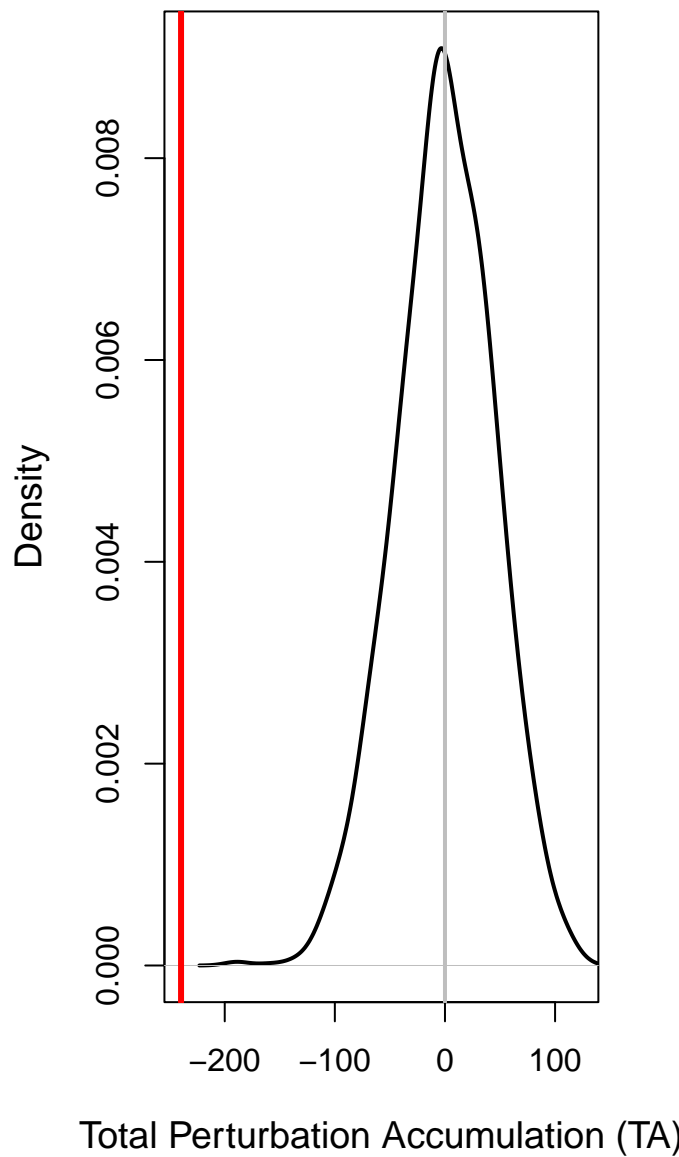
pathway ID=04380 P PERT=0.694



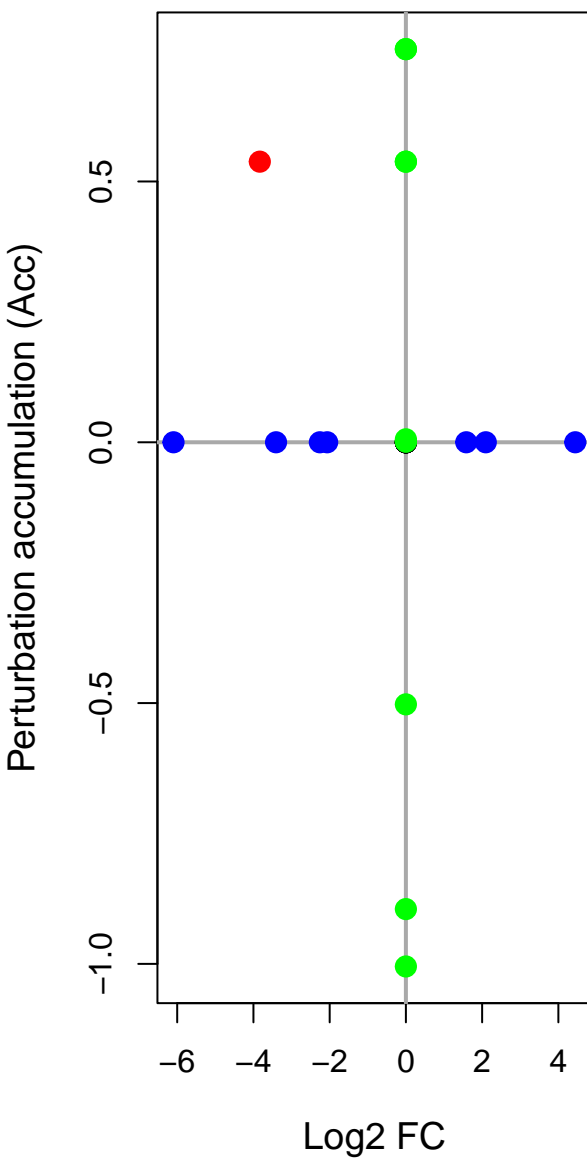
pathway ID=04390



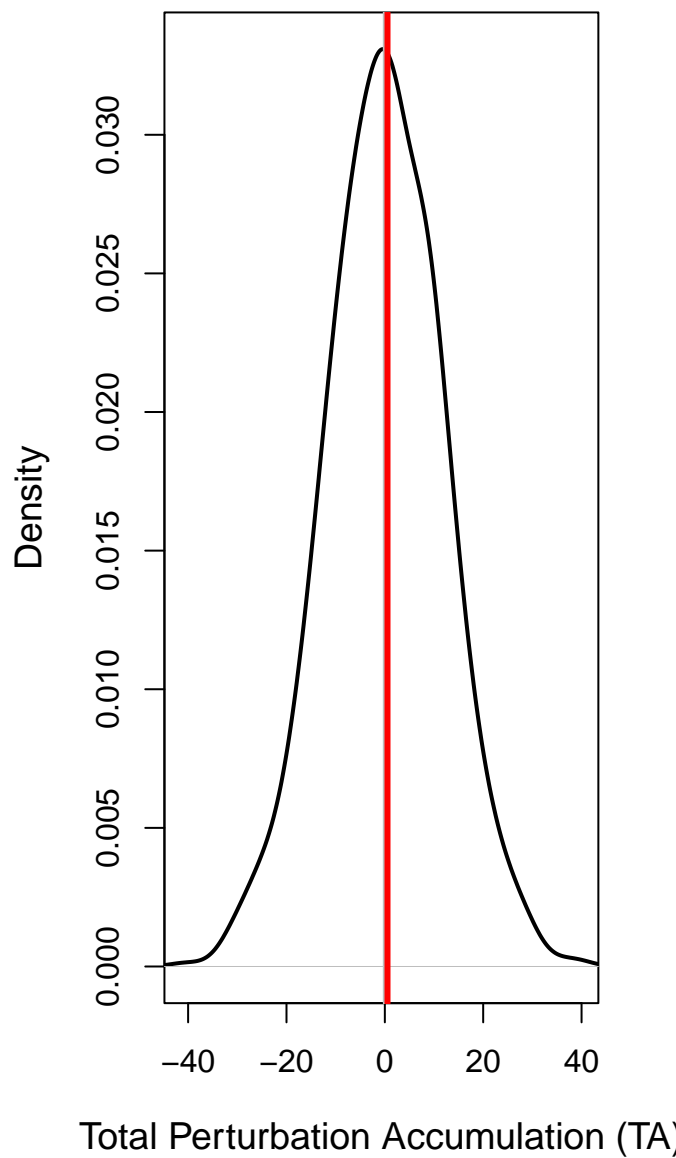
pathway ID=04390 P PERT=0



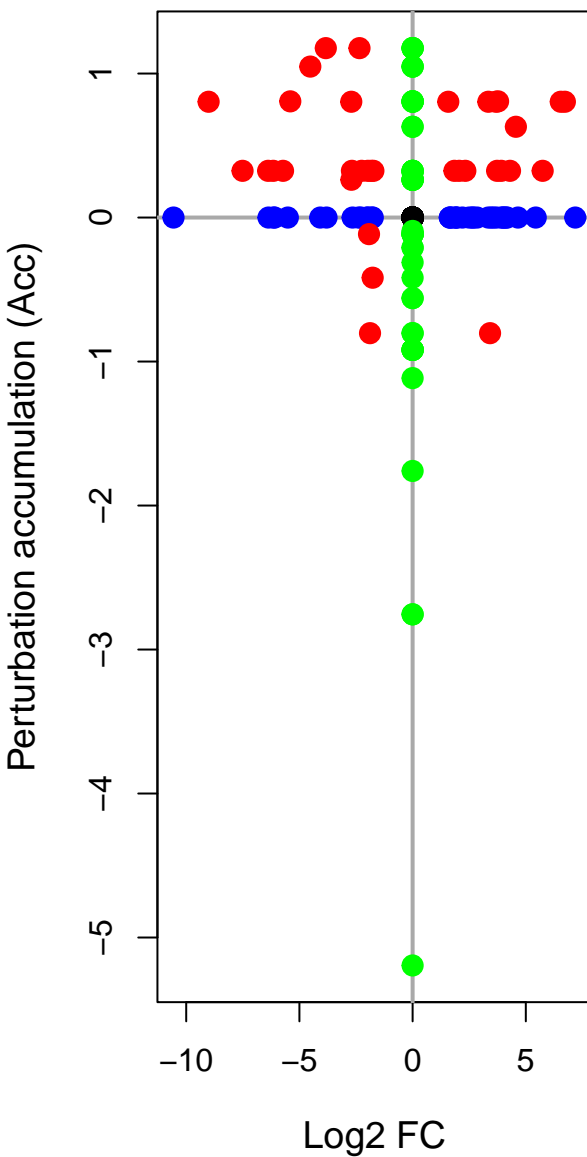
pathway ID=04392



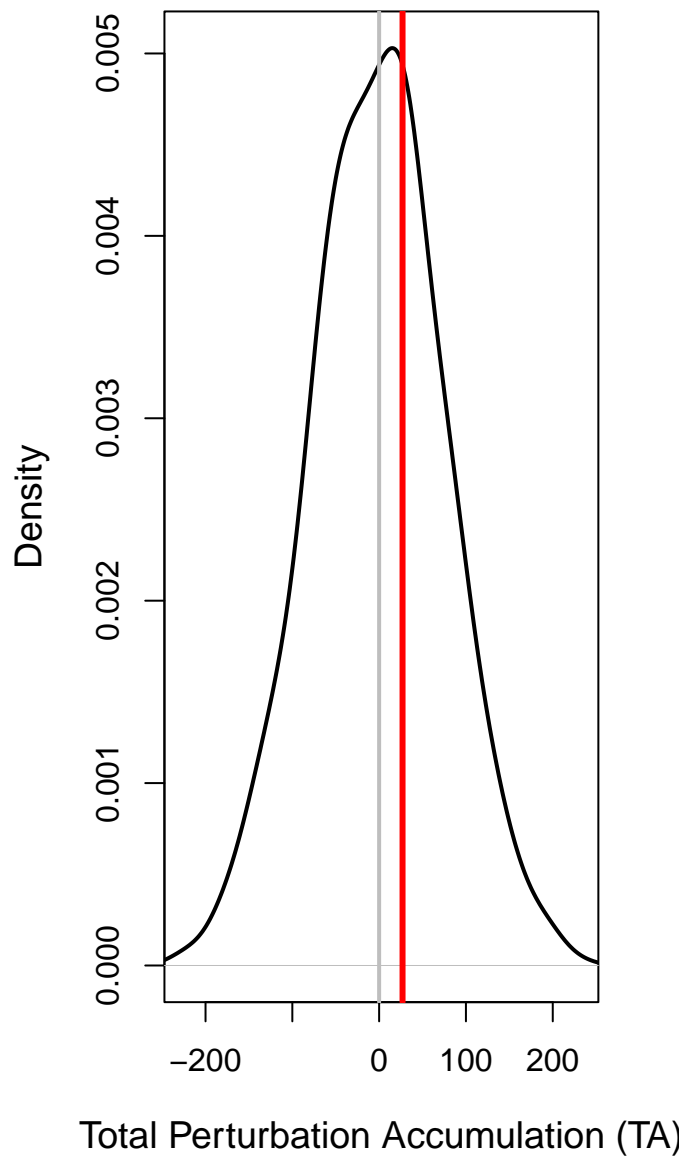
pathway ID=04392 P PERT=0.954



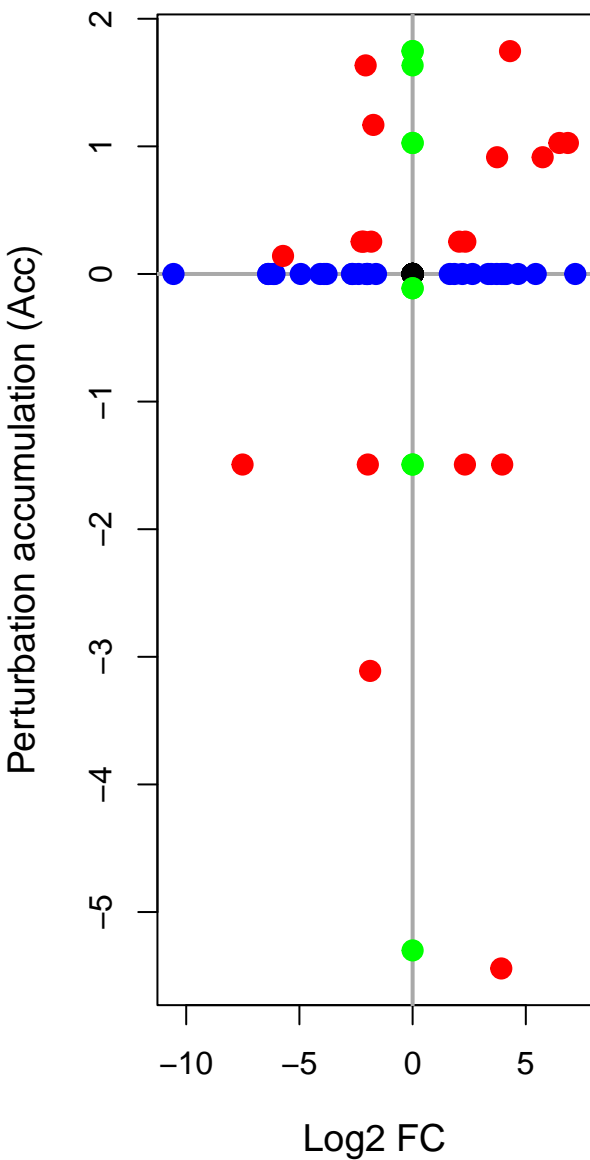
pathway ID=04510



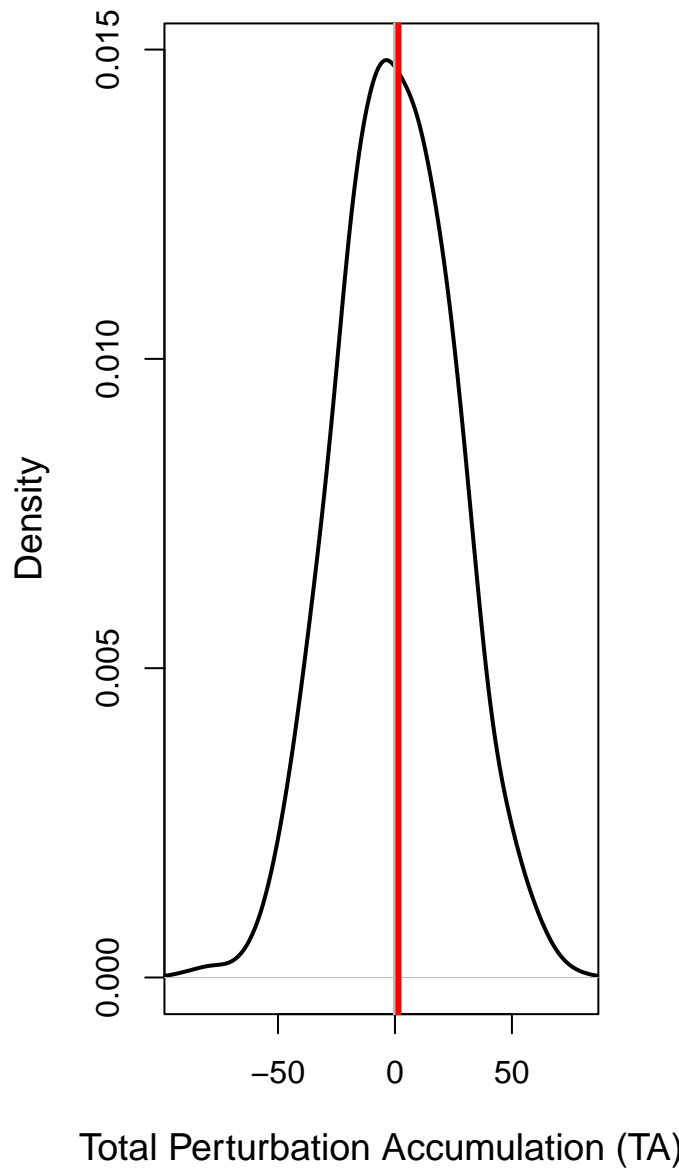
pathway ID=04510 P PERT=0.722



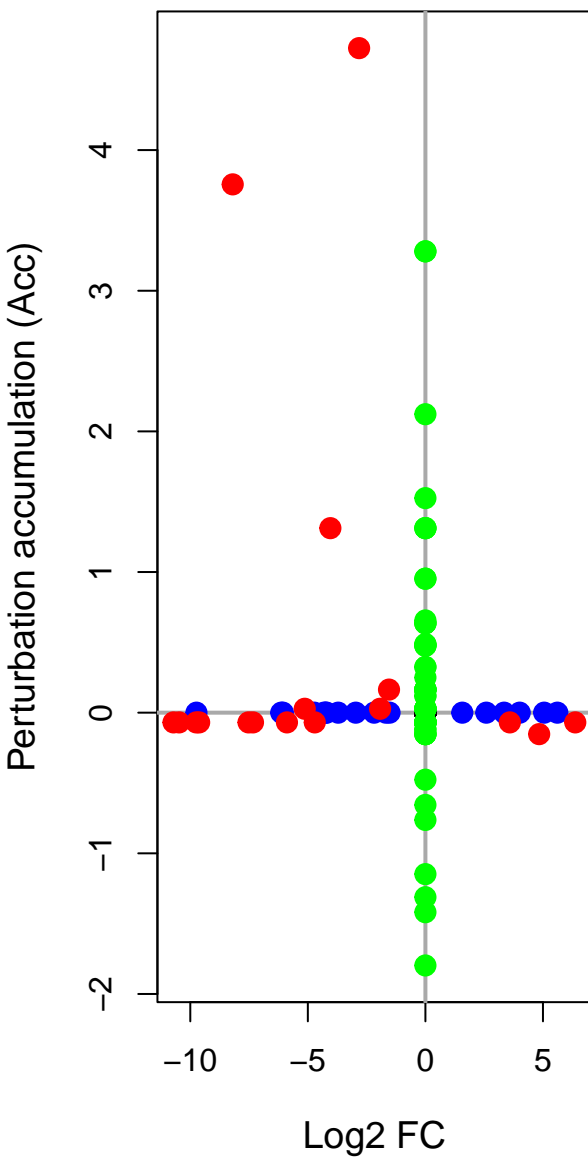
pathway ID=04512



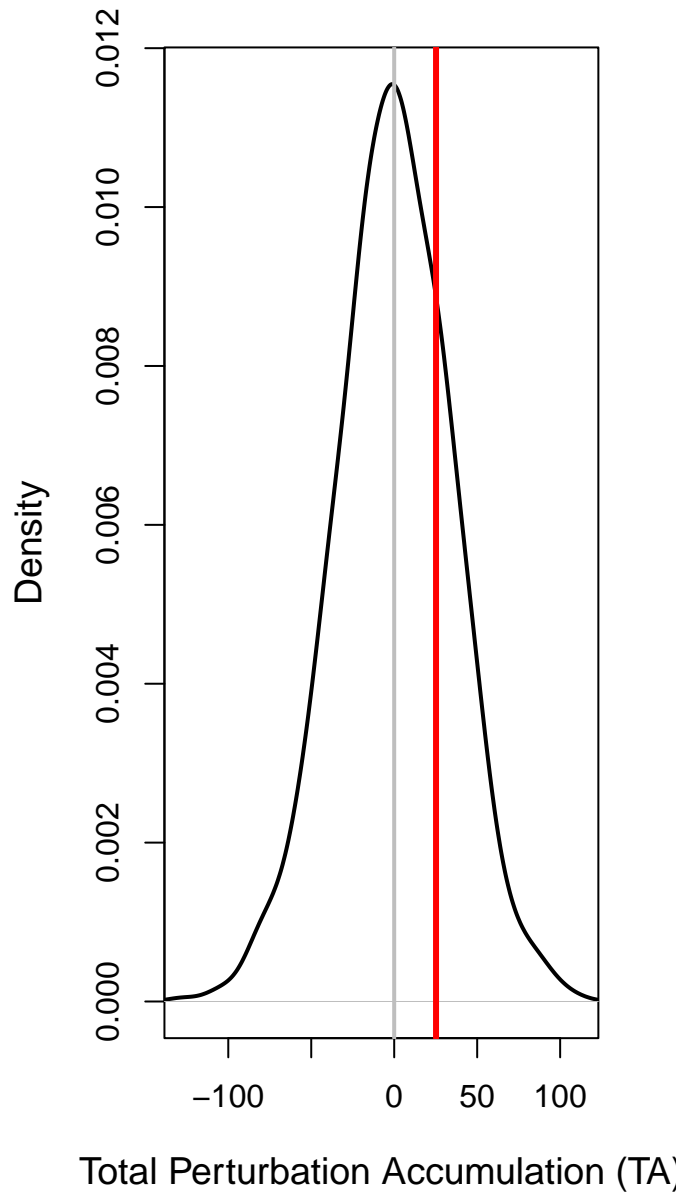
pathway ID=04512 P PERT=0.956



pathway ID=04530



pathway ID=04530 P PERT=0.479



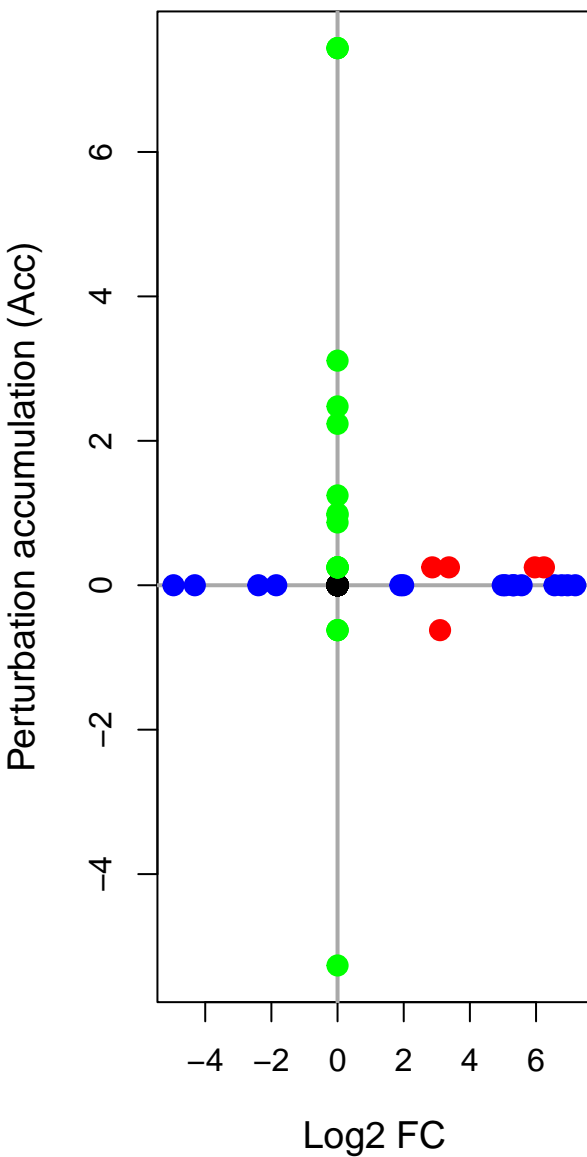
## Total Perturbation Accumulation (TA)

A density plot showing the posterior distribution of the mean parameter. The x-axis represents the mean parameter, ranging from -100 to 100, with major ticks at -100, 0, 50, and 100. The y-axis represents the density, ranging from 0.000 to 0.012, with major ticks every 0.002. A black curve represents the posterior density, which is unimodal and centered near 0. A vertical red line is drawn at approximately -20, and a vertical grey line is drawn at 0. The peak of the distribution is slightly to the right of the grey line, reaching a density of approximately 0.0115.

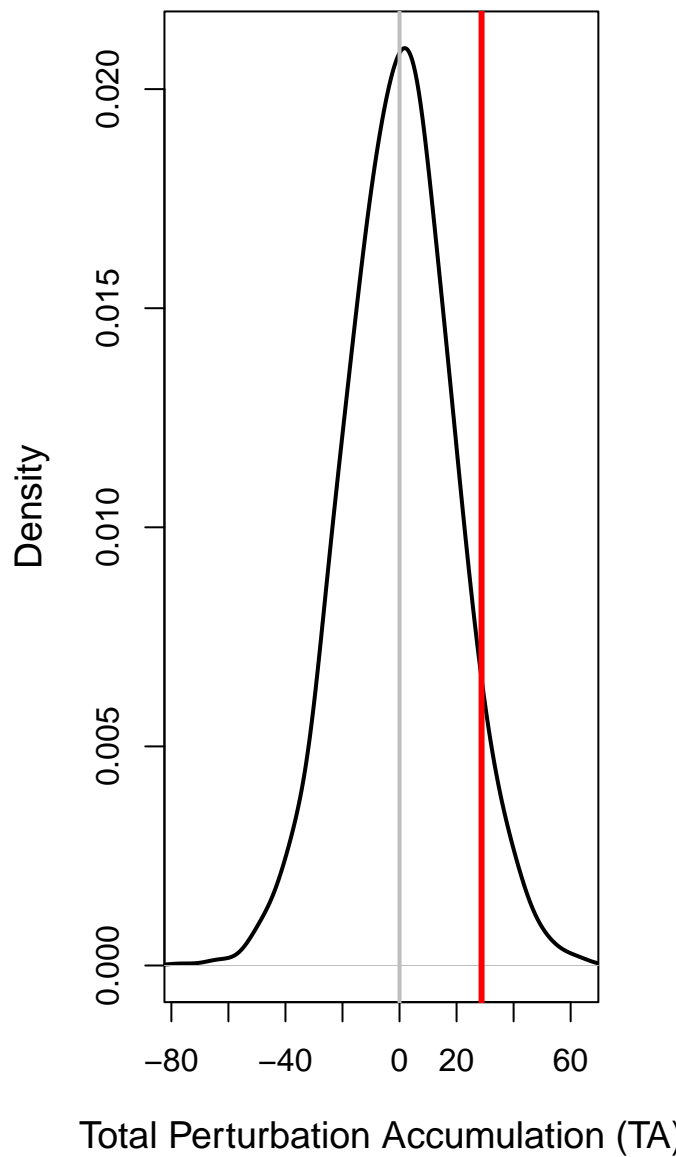
## Total Perturbation Accumulation (TA)



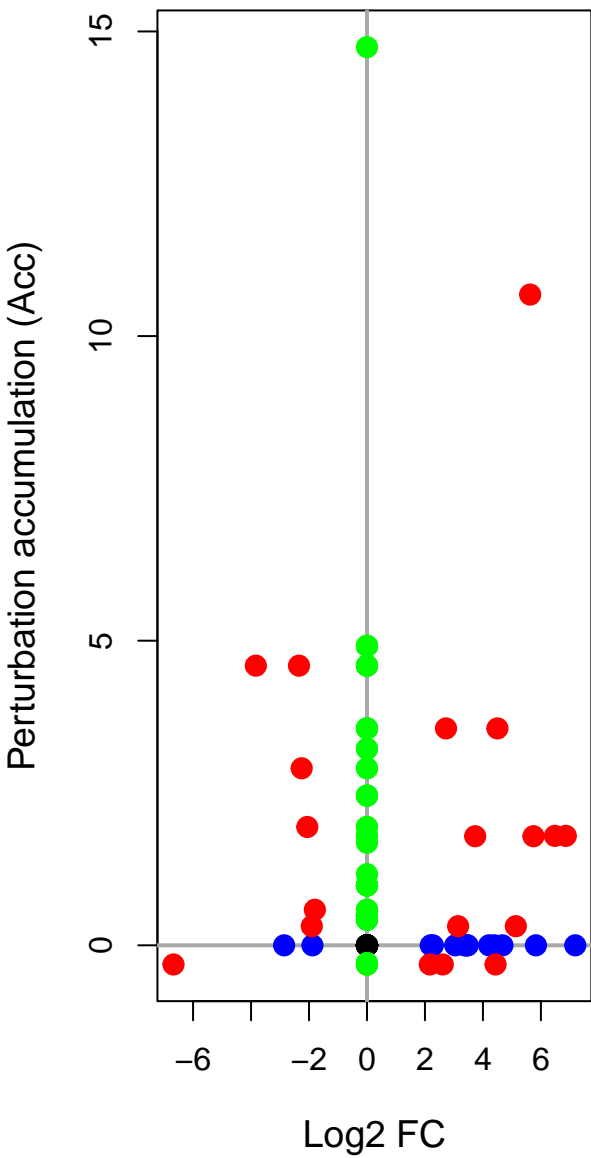
pathway ID=04610



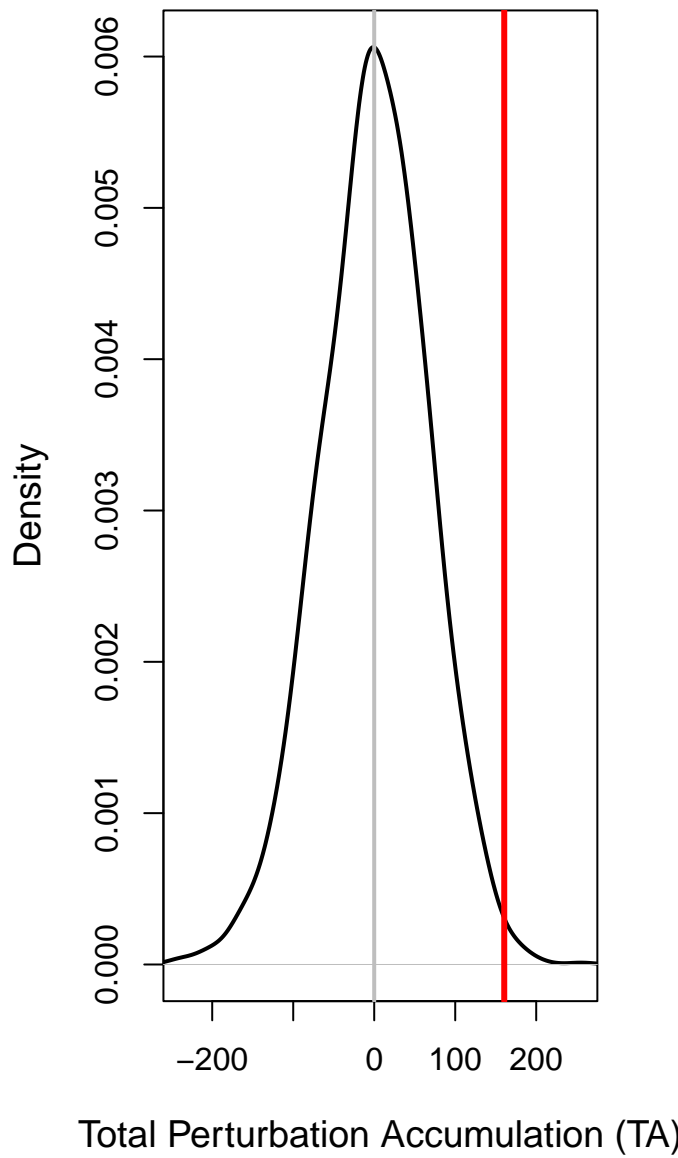
pathway ID=04610 P PERT=0.131



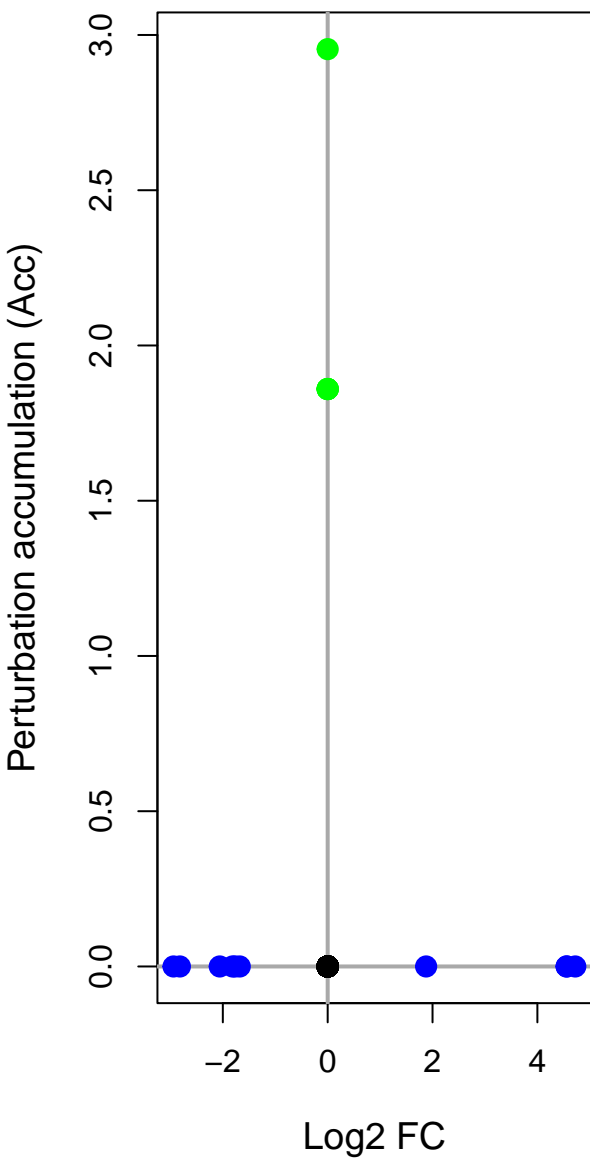
**pathway ID=04611**



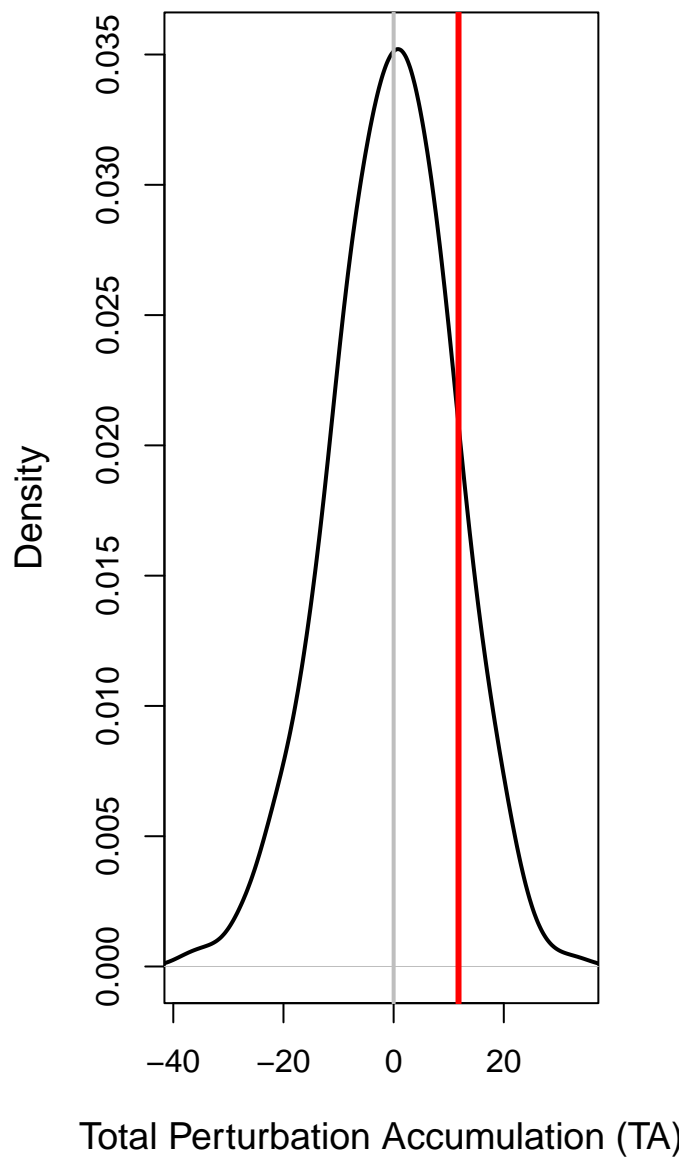
pathway ID=04611 P PERT=0.012



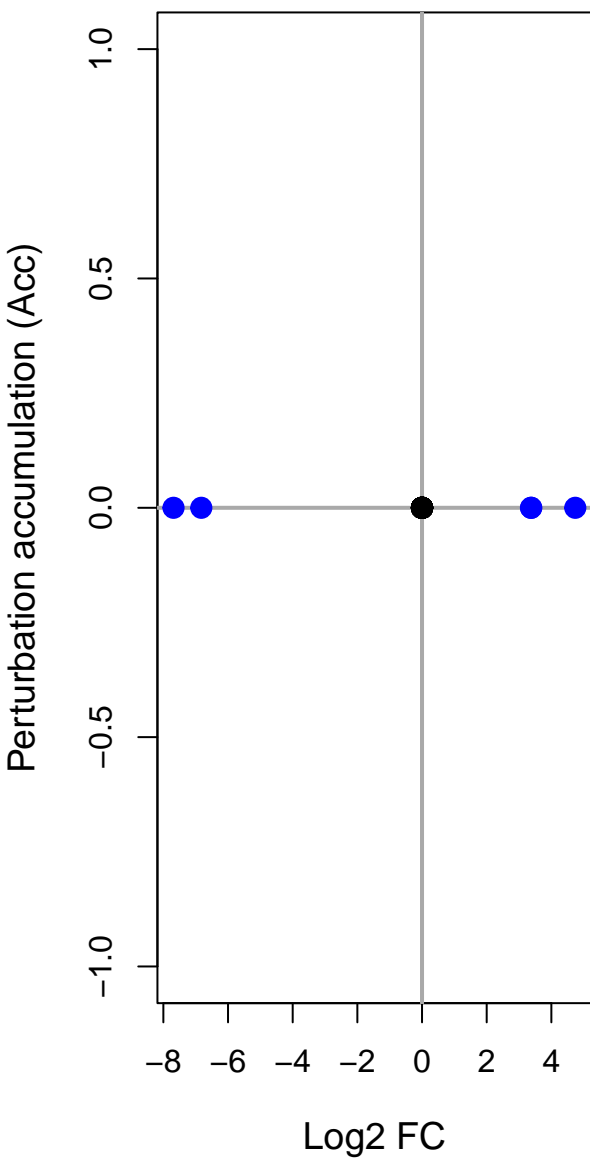
pathway ID=04612



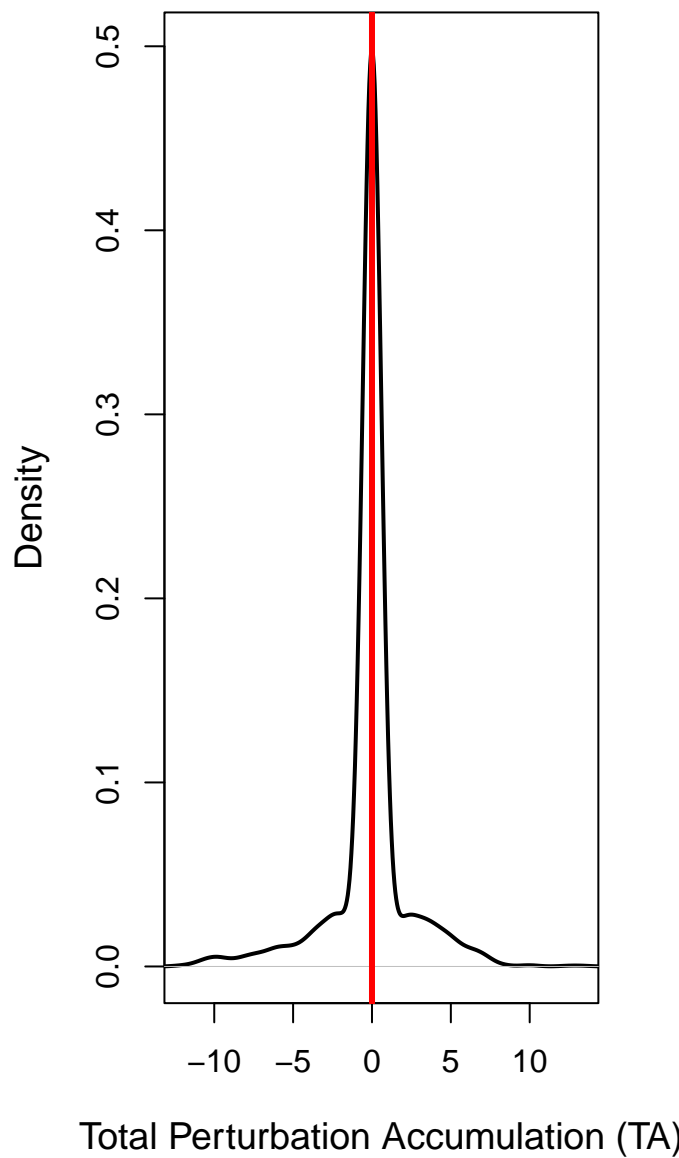
pathway ID=04612 P PERT=0.265



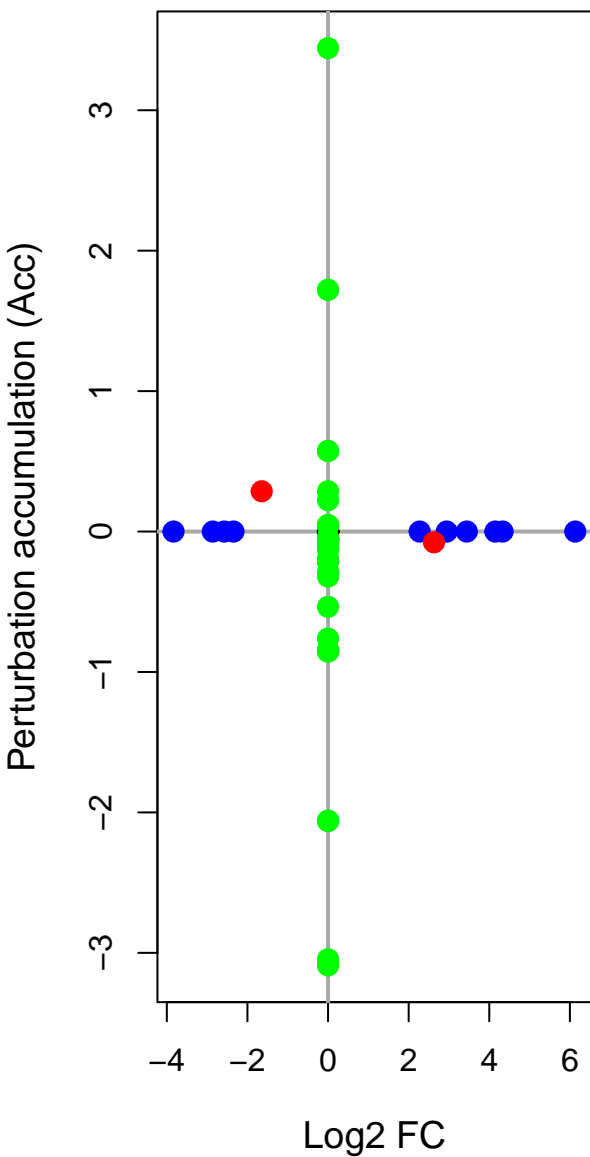
pathway ID=04614



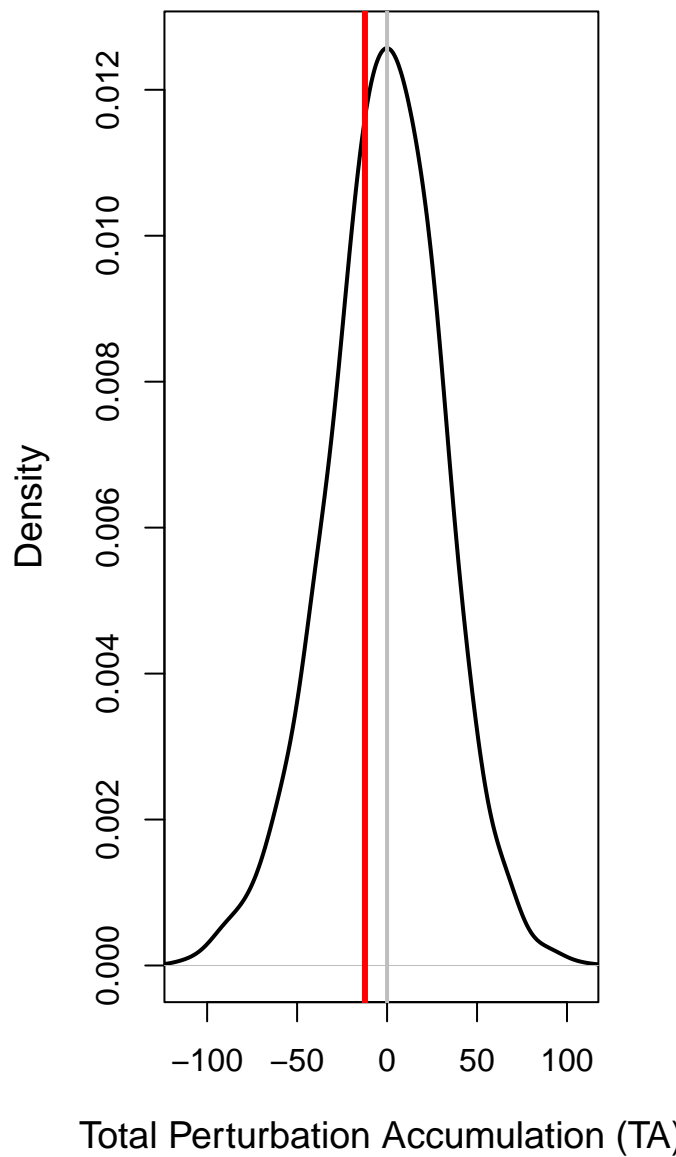
pathway ID=04614 P PERT=1



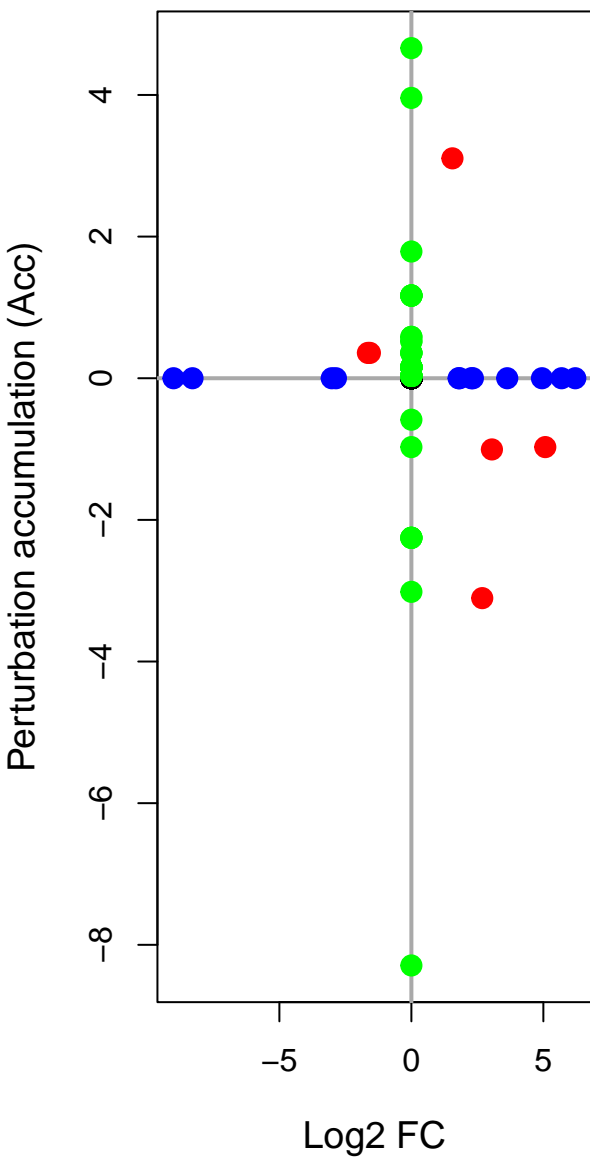
pathway ID=04620



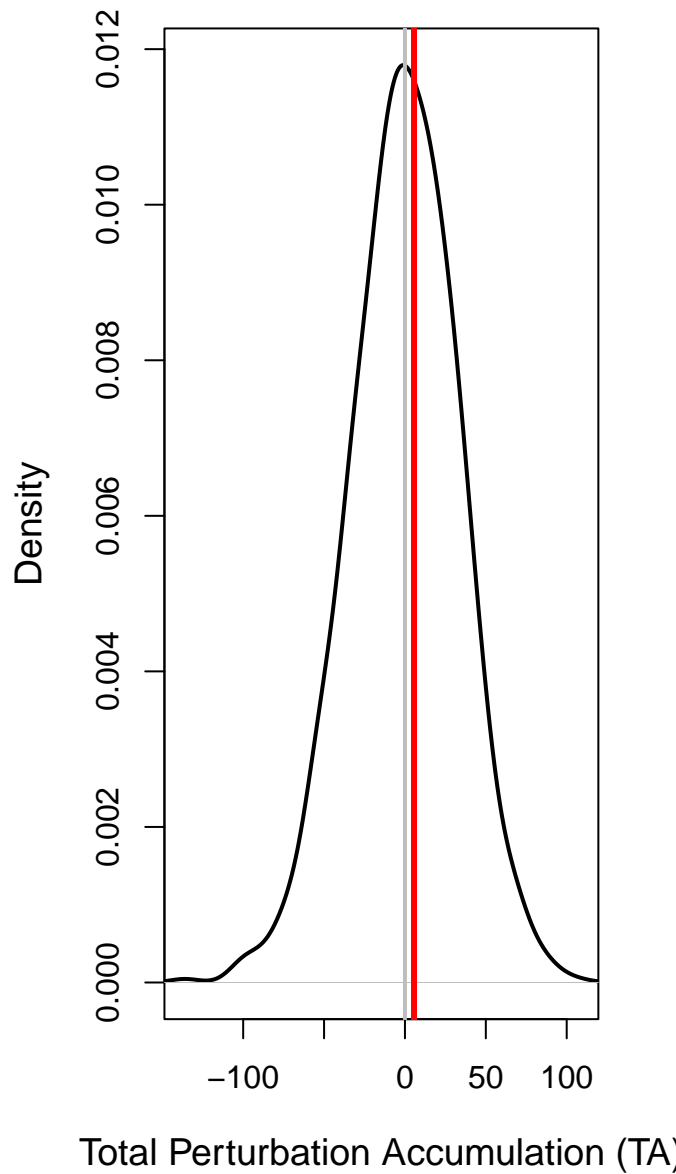
pathway ID=04620 P PERT=0.696



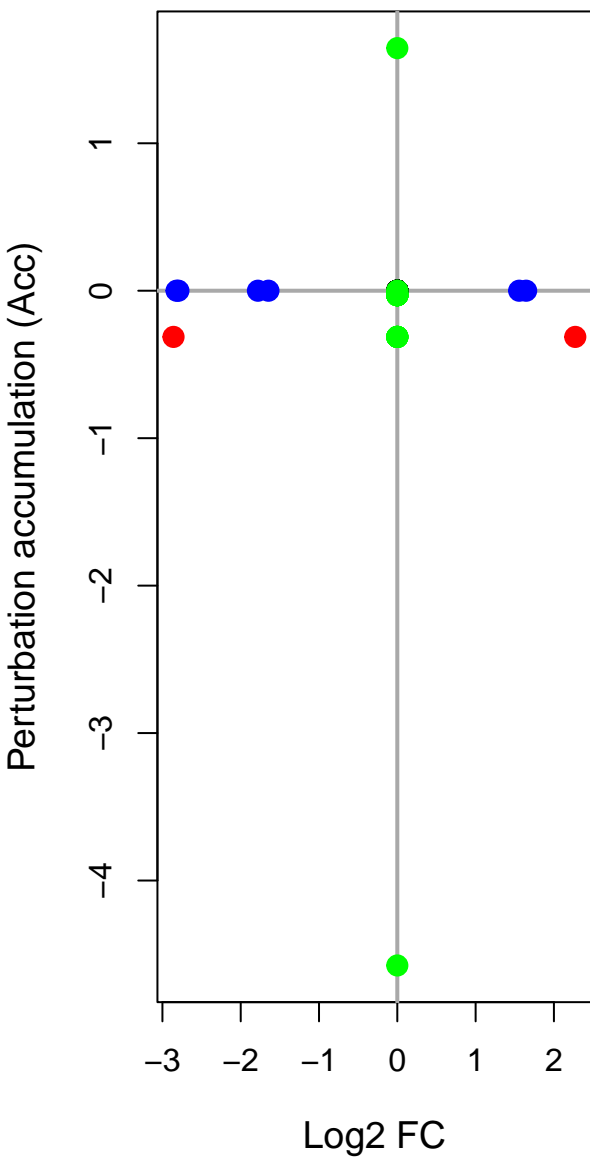
pathway ID=04621



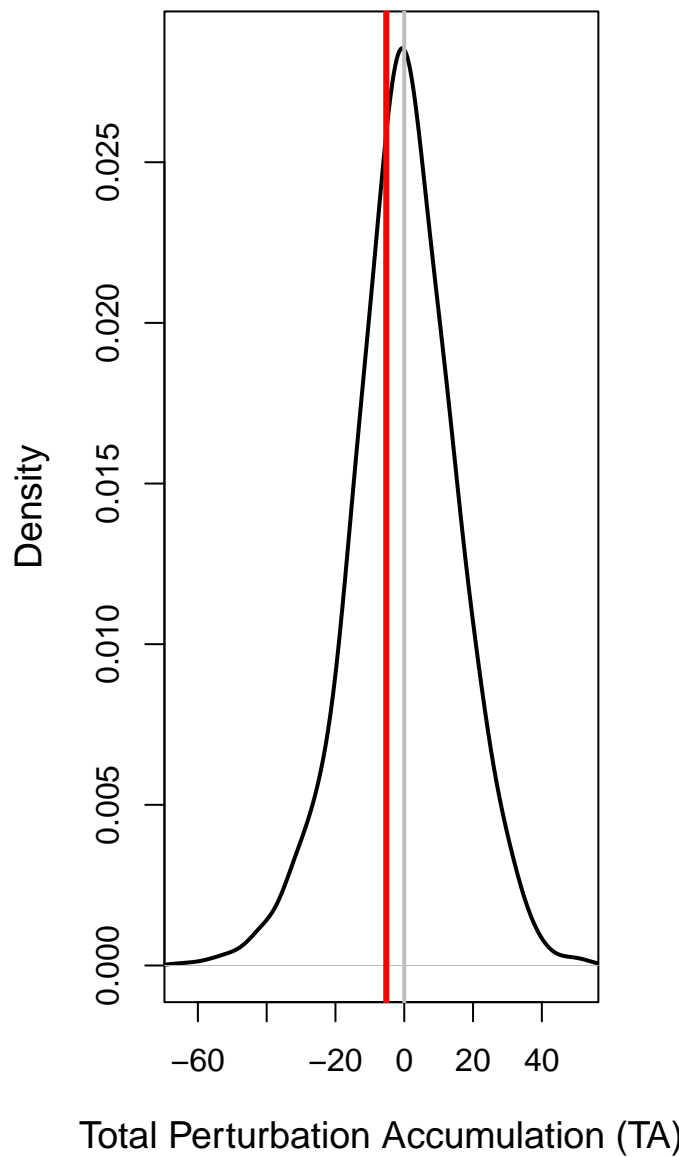
pathway ID=04621 P PERT=0.872



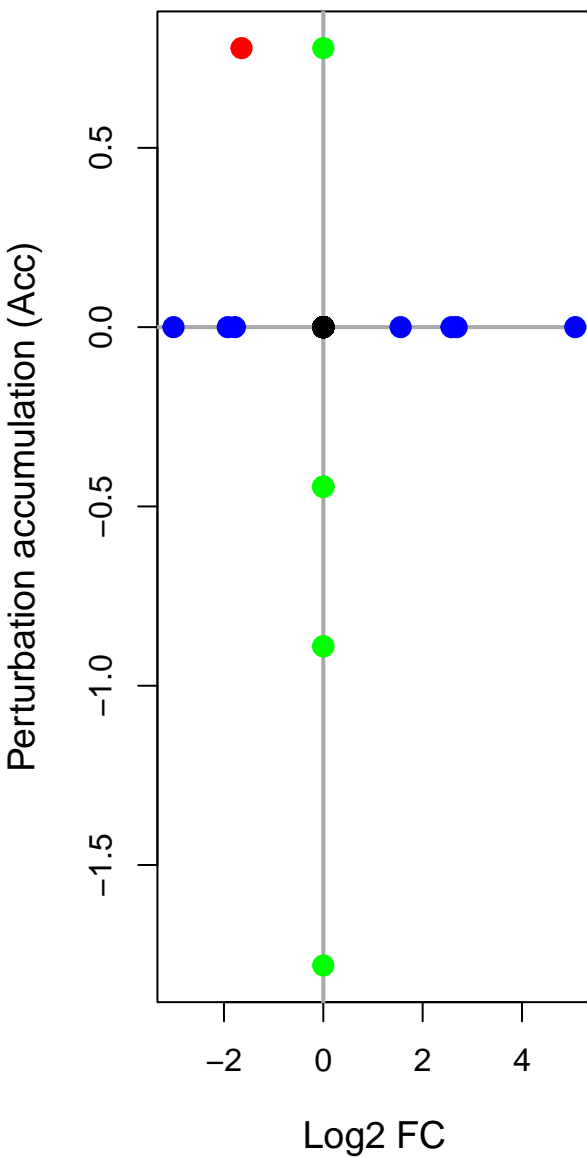
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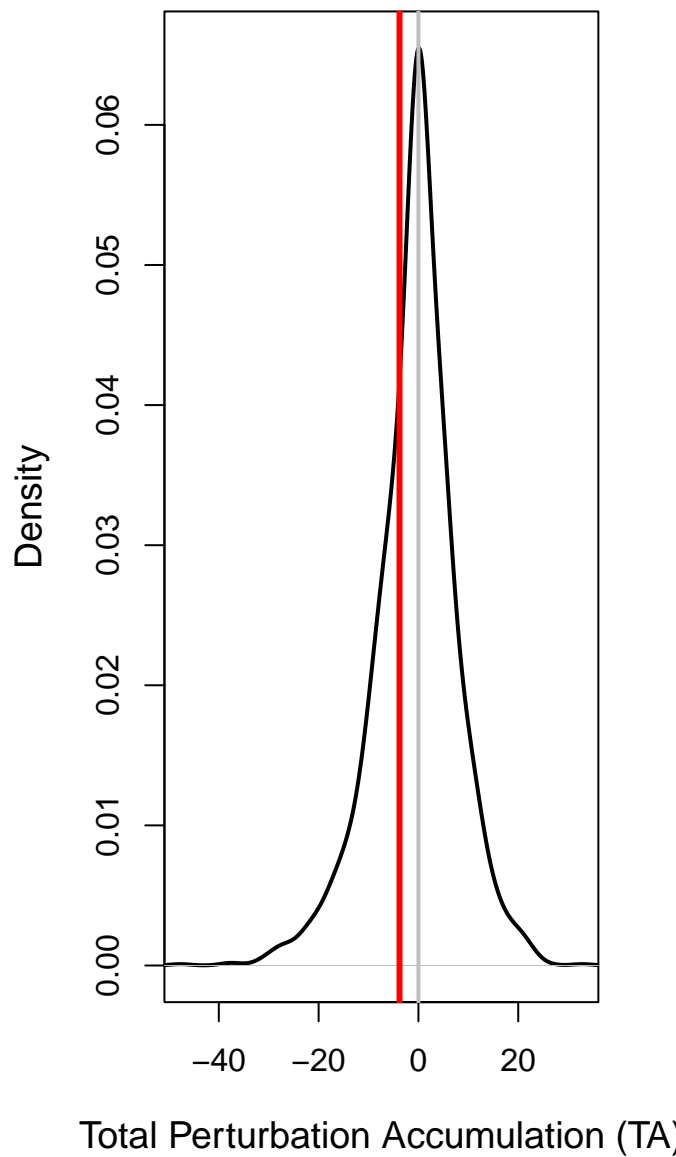
pathway ID=04622 P PERT=0.688



pathway ID=04623

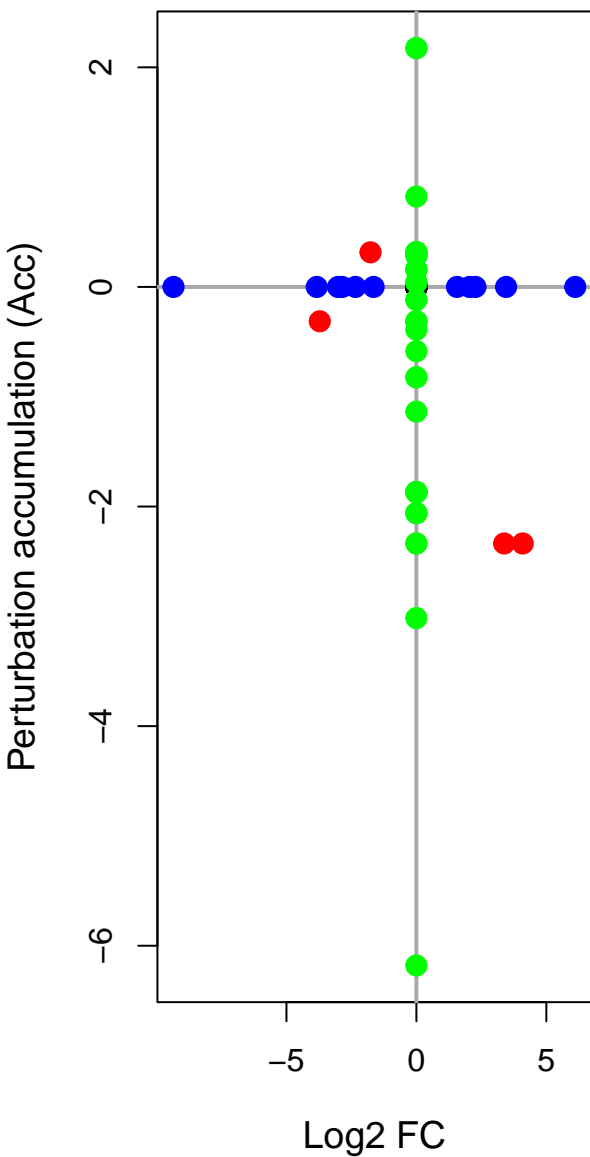


pathway ID=04623 P PERT=0.574

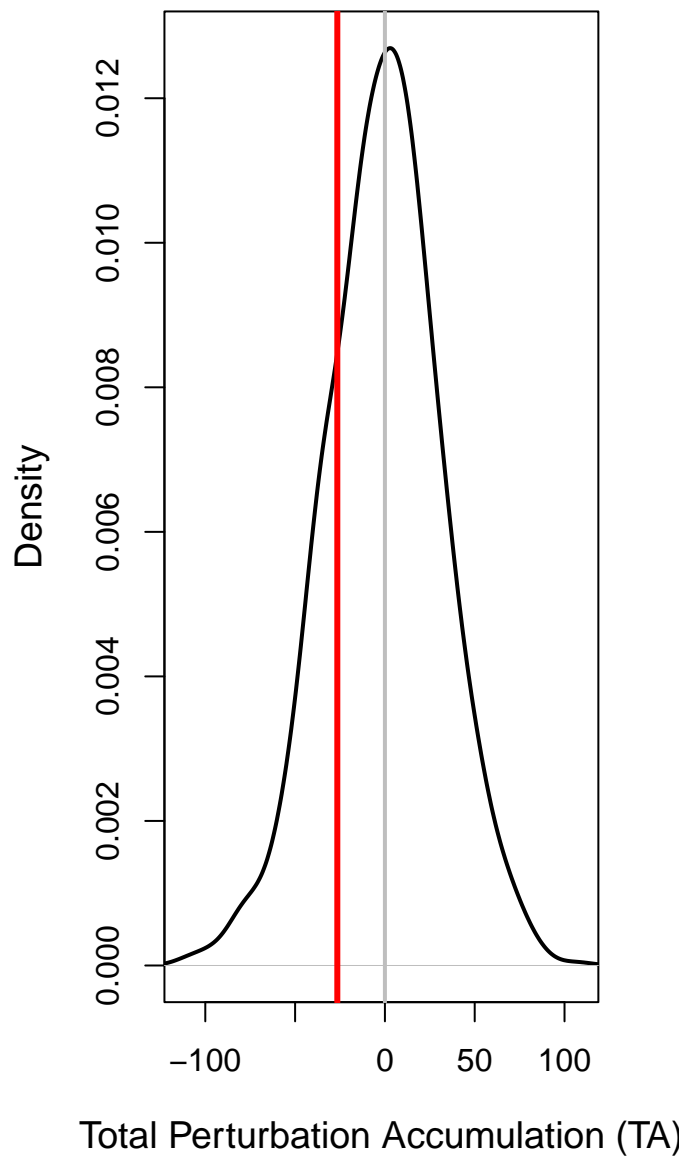




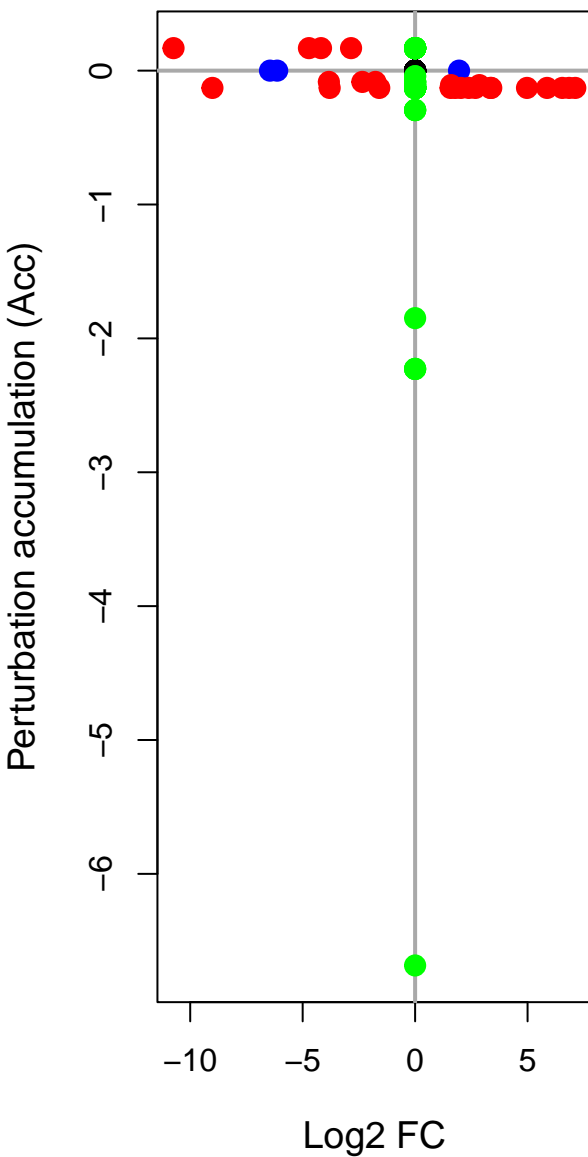
pathway ID=04625



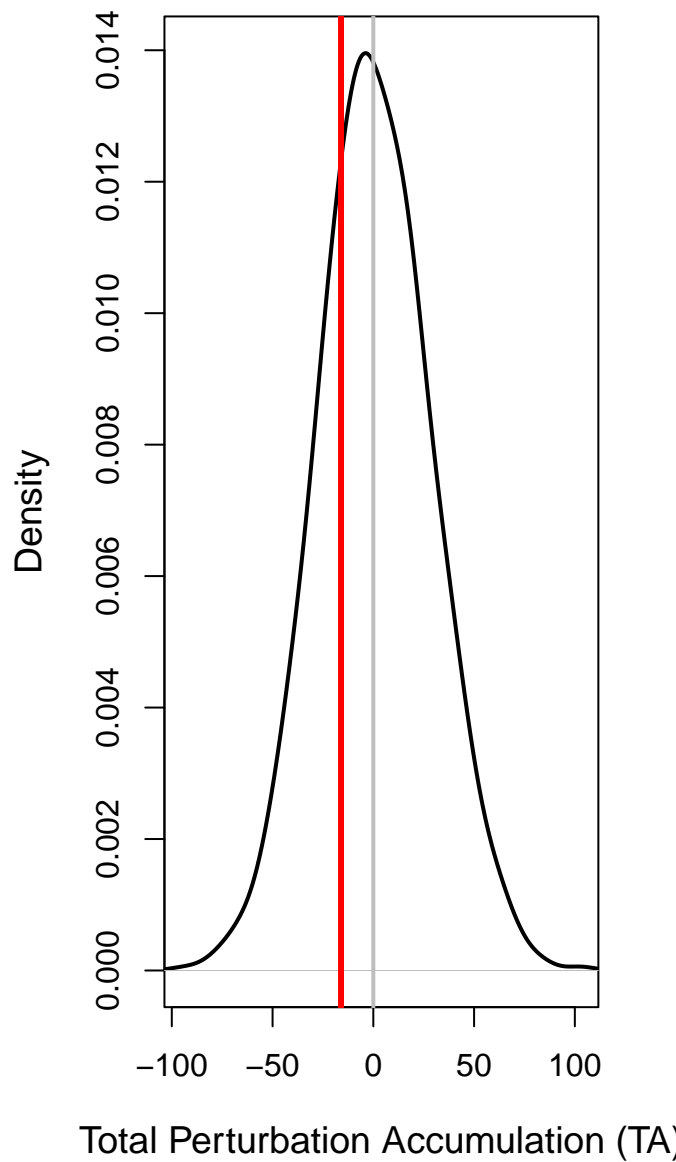
pathway ID=04625 P PERT=0.413



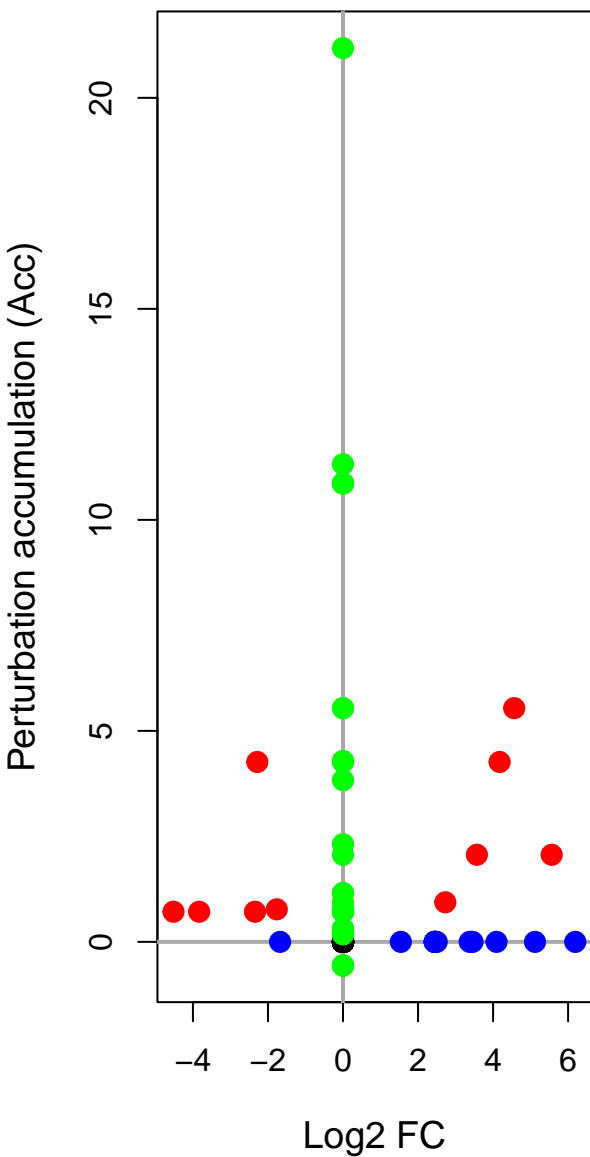
pathway ID=04630



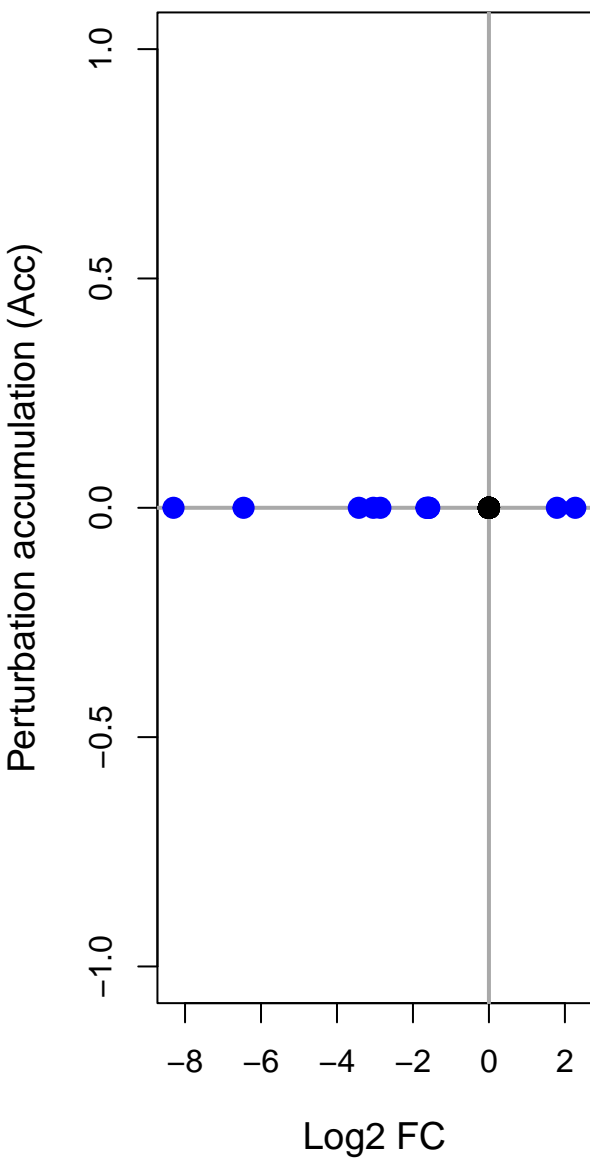
pathway ID=04630 P PERT=0.544



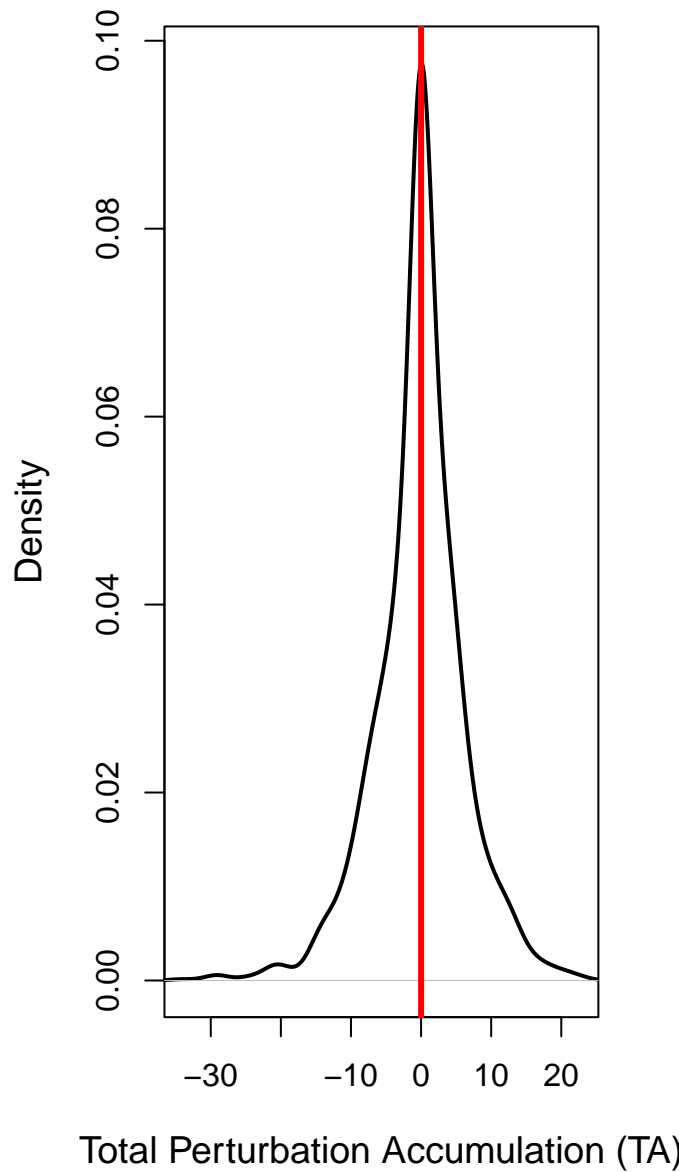
pathway ID=04650



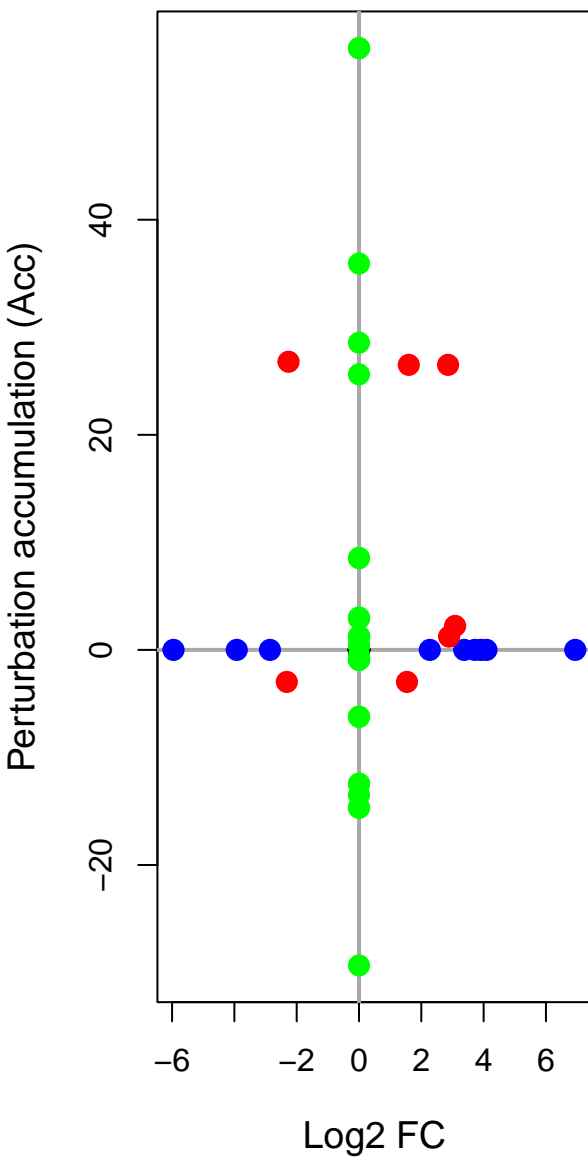
pathway ID=04657



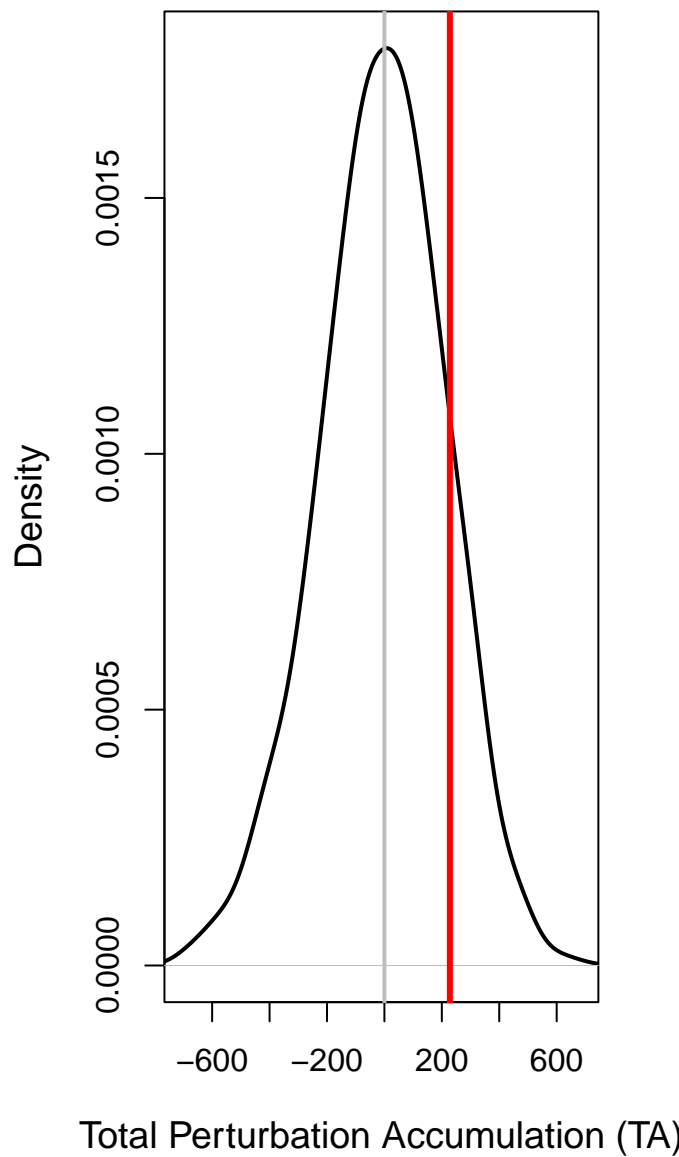
pathway ID=04657 P PERT=1



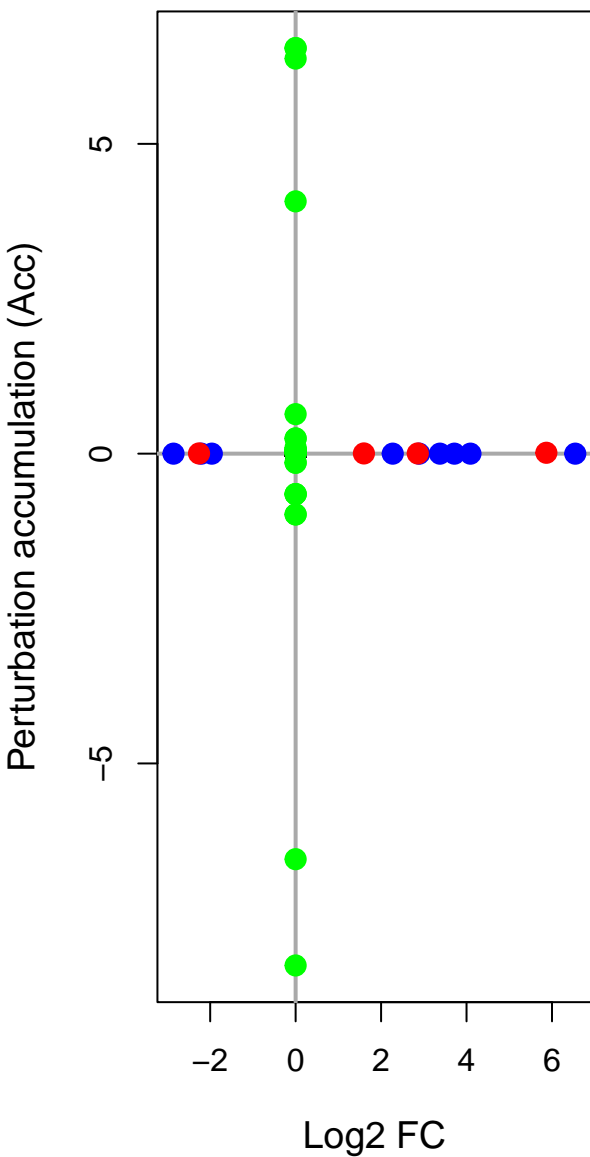
pathway ID=04658



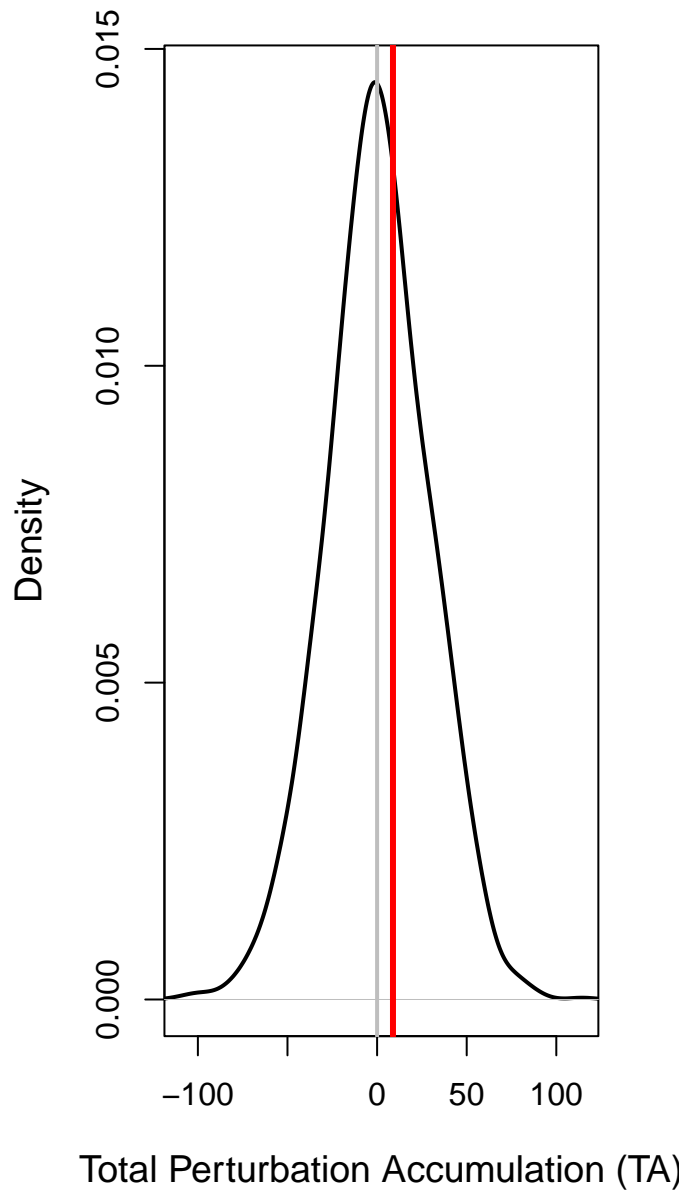
pathway ID=04658 P PERT=0.276



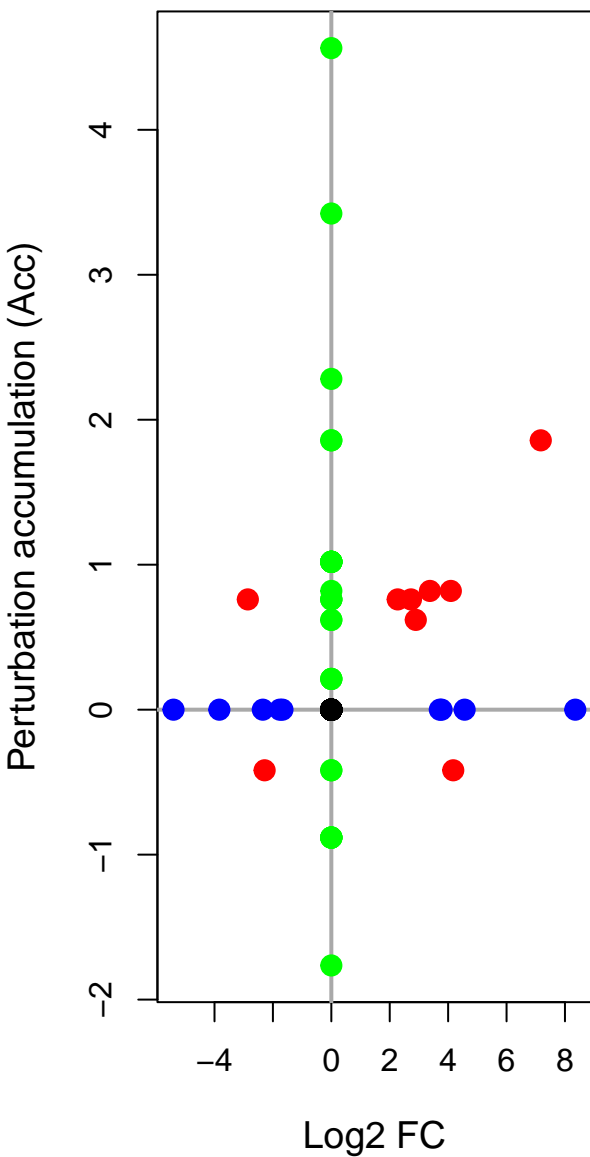
pathway ID=04659



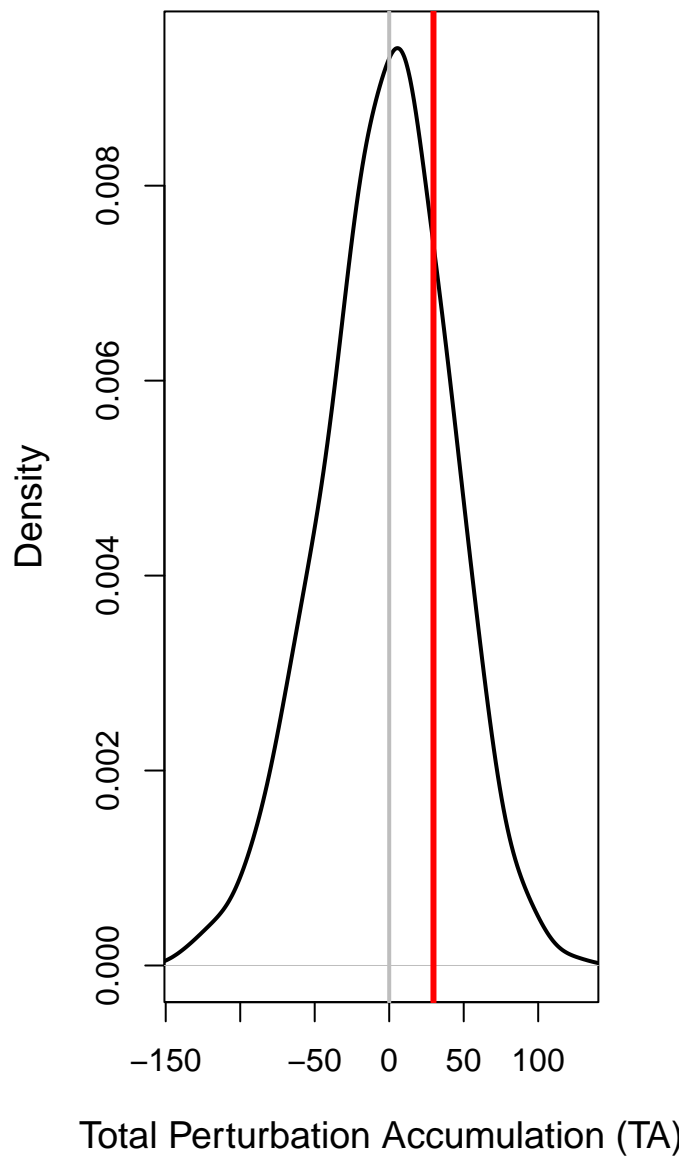
pathway ID=04659 P PERT=0.748



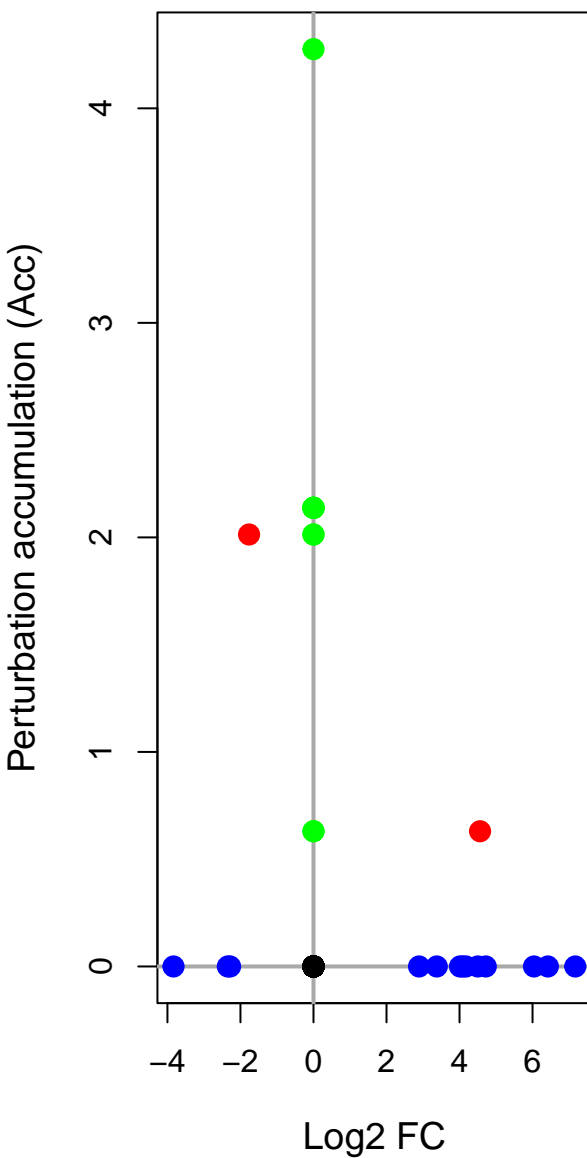
pathway ID=04660



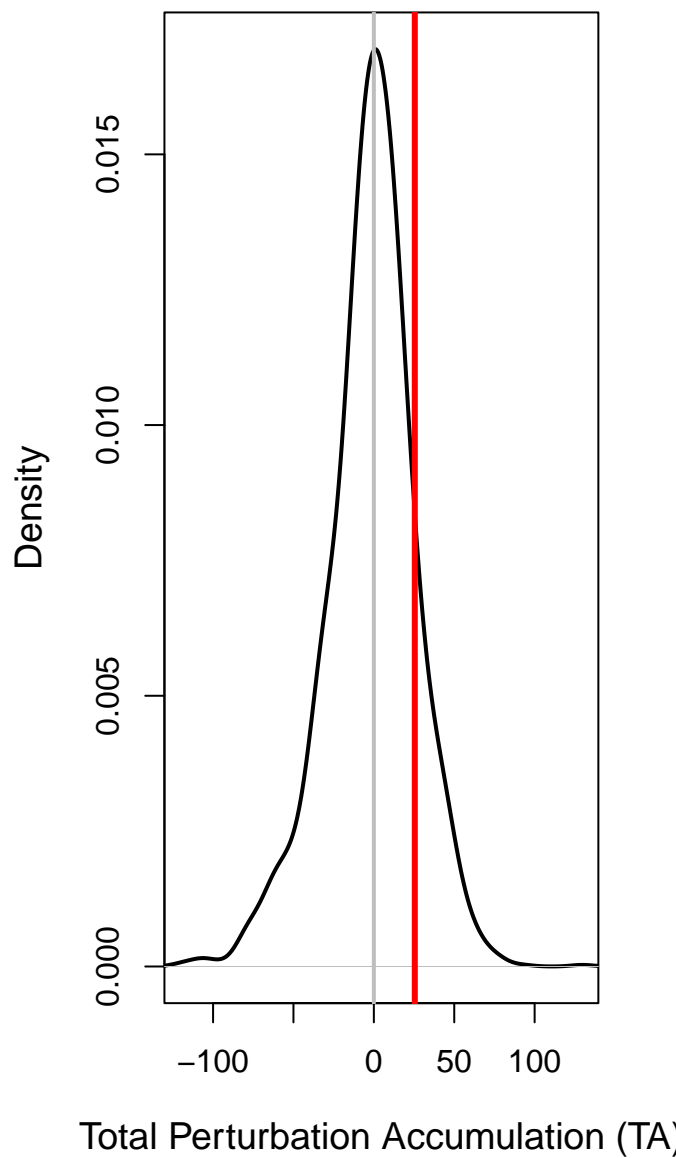
pathway ID=04660 P PERT=0.455



pathway ID=04662

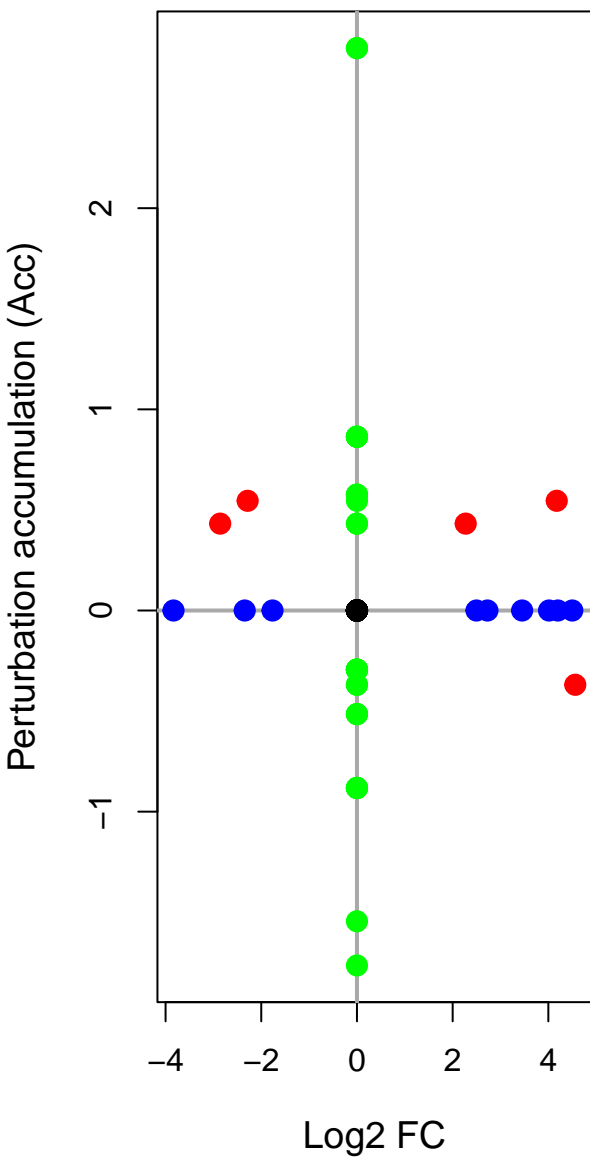


pathway ID=04662 P PERT=0.276

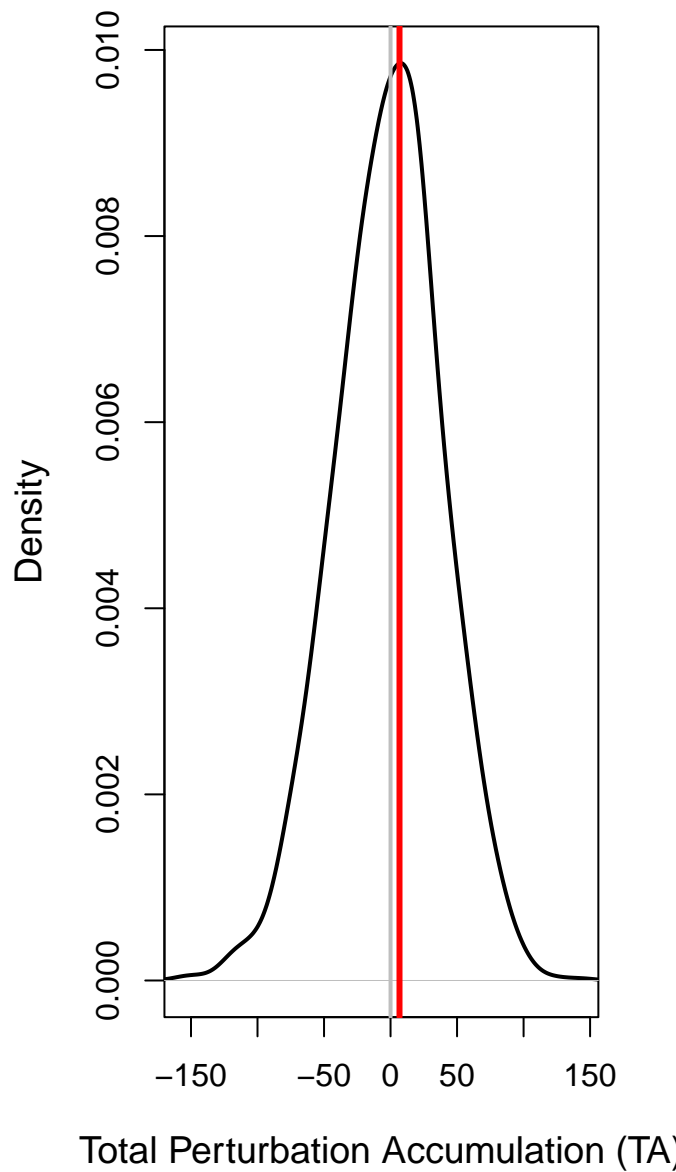




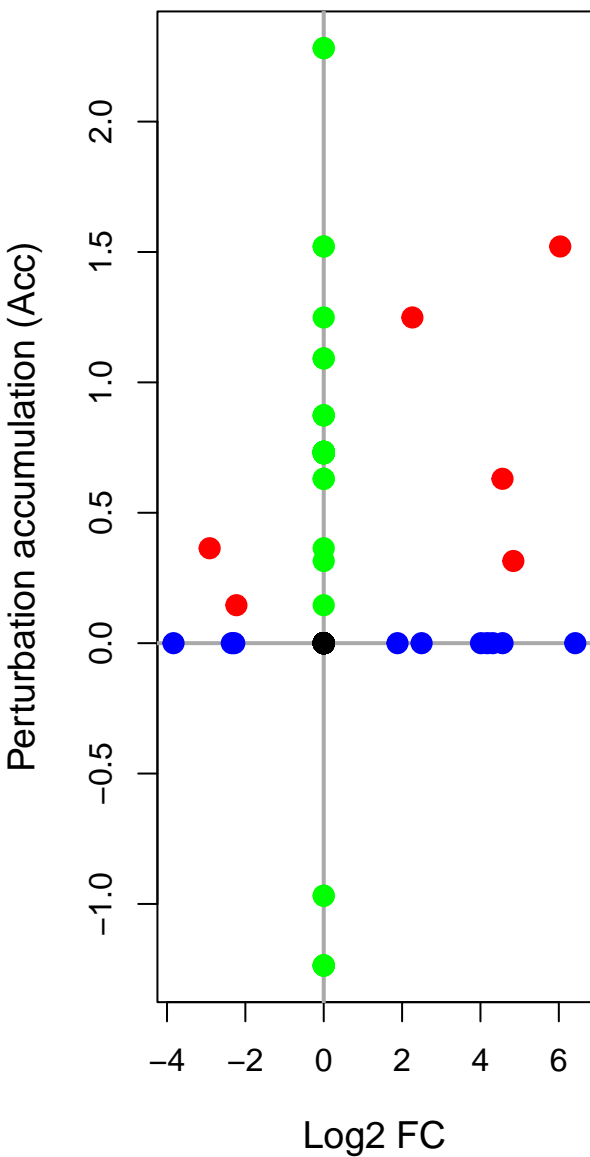
pathway ID=04664



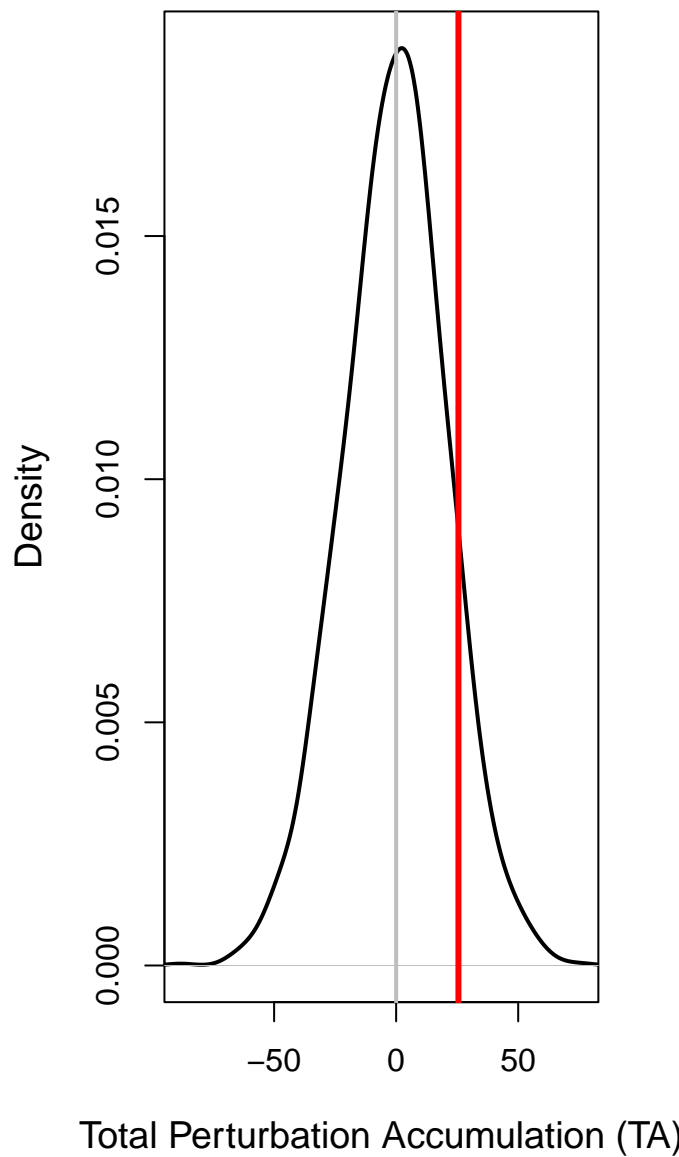
pathway ID=04664 P PERT=0.867



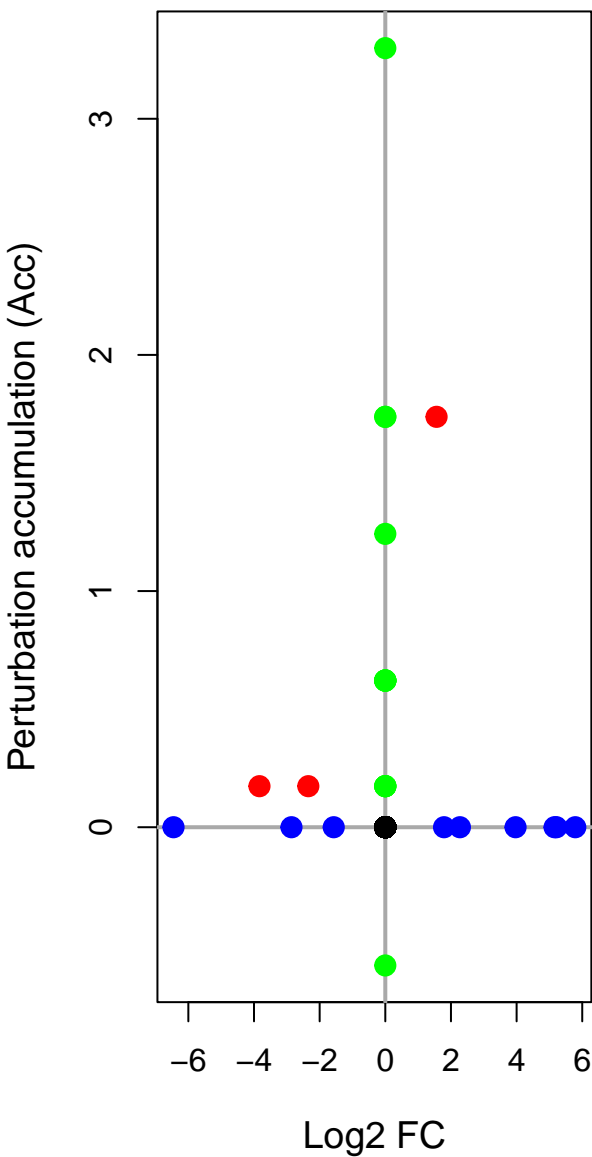
pathway ID=04666



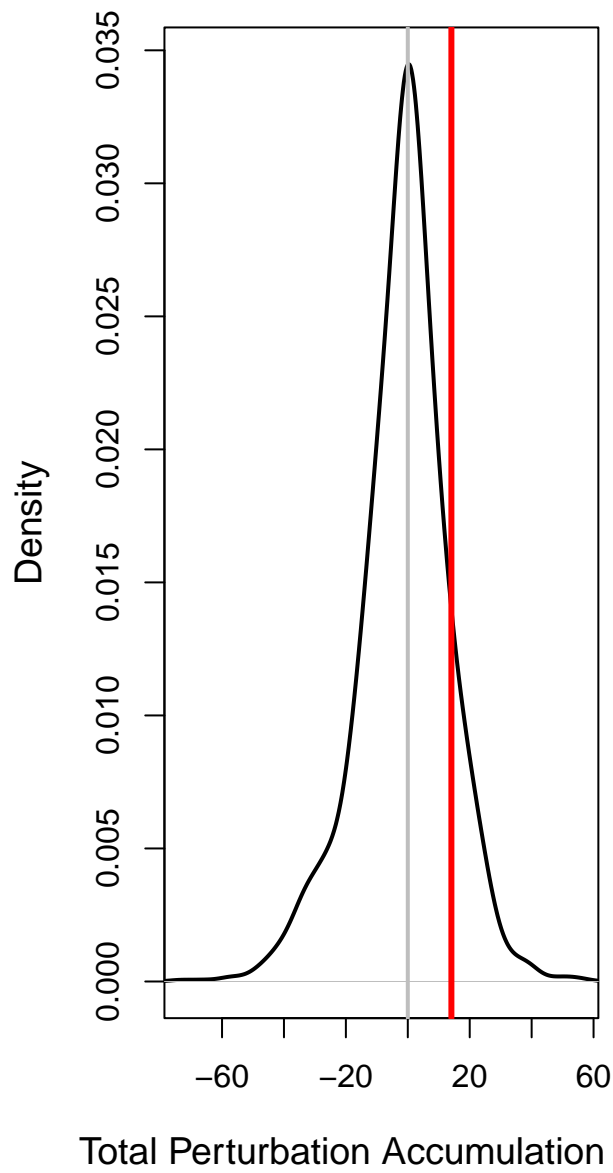
pathway ID=04666 P PERT=0.206



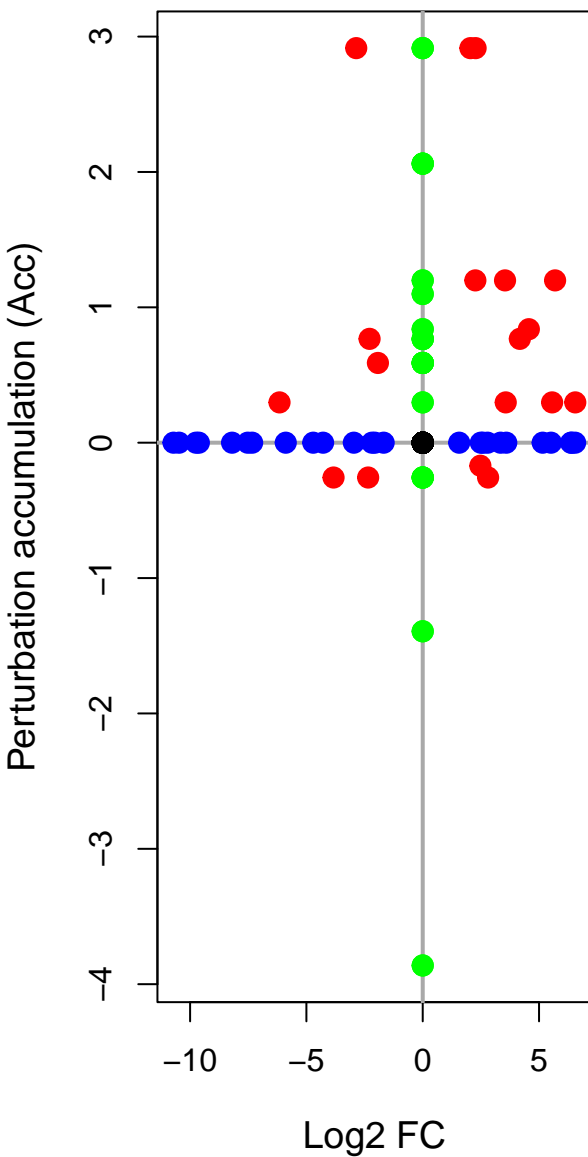
pathway ID=04668



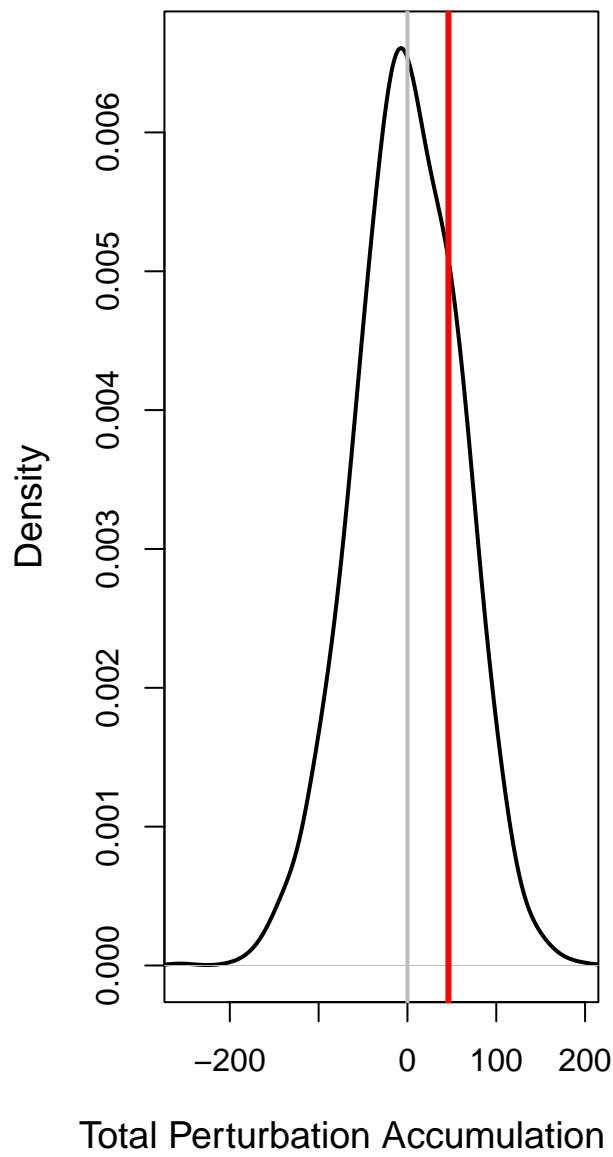
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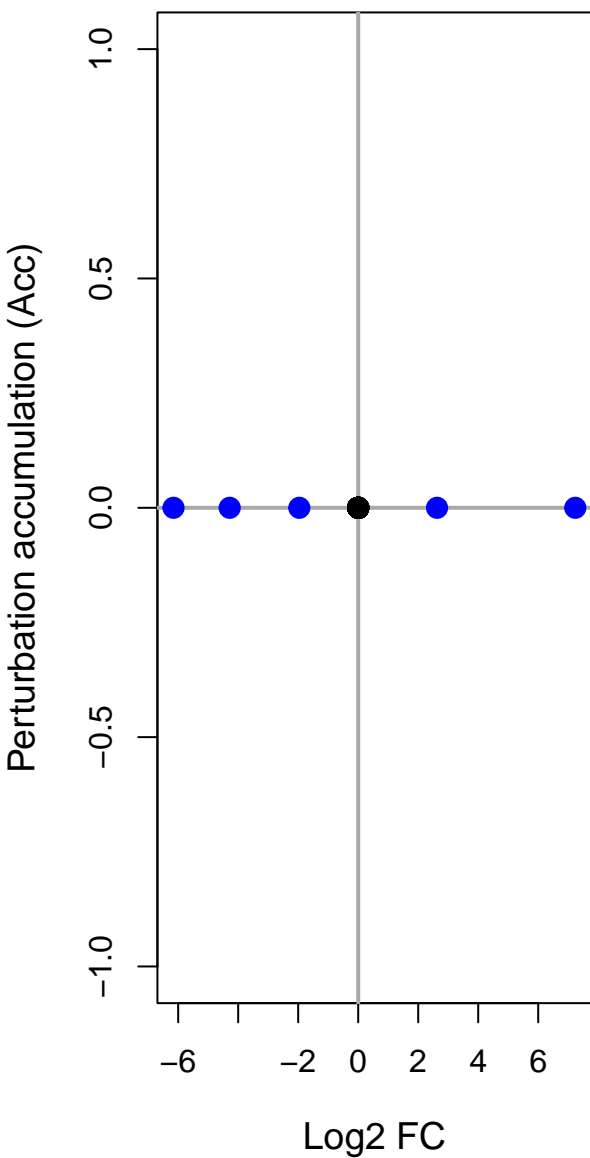
pathway ID=04670



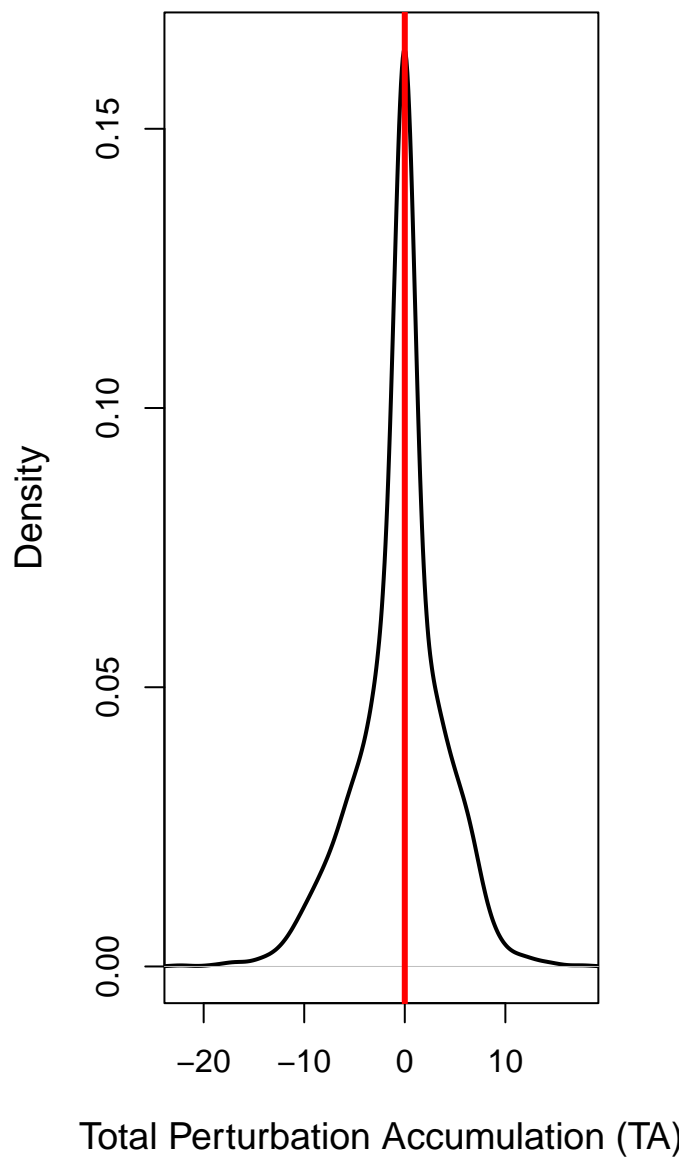
pathway ID=04670 P PERT=0.457



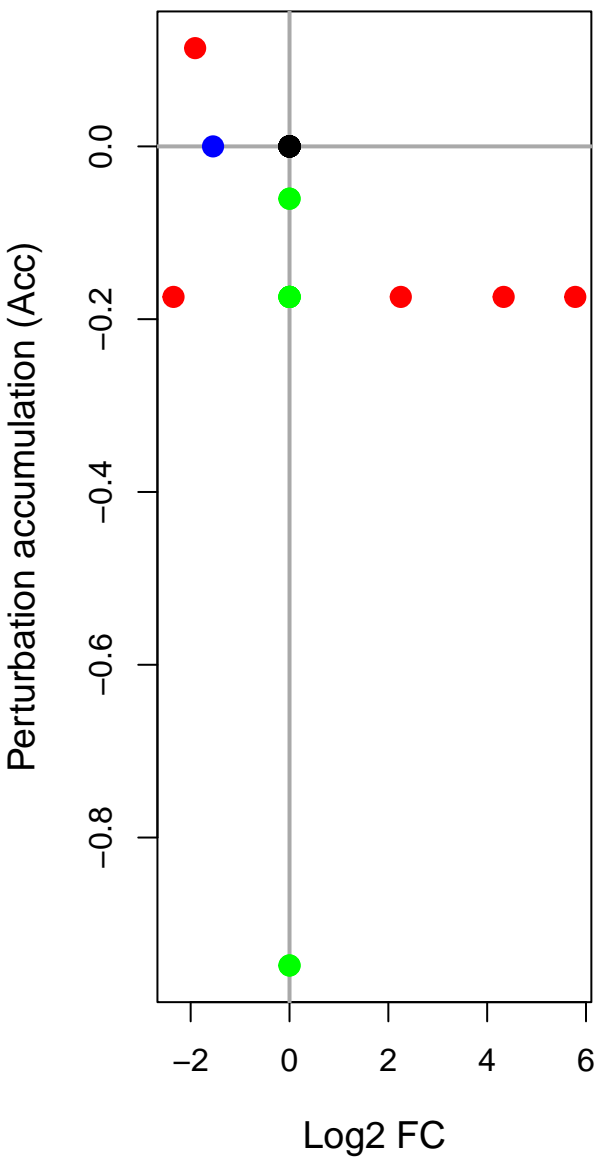
pathway ID=04672



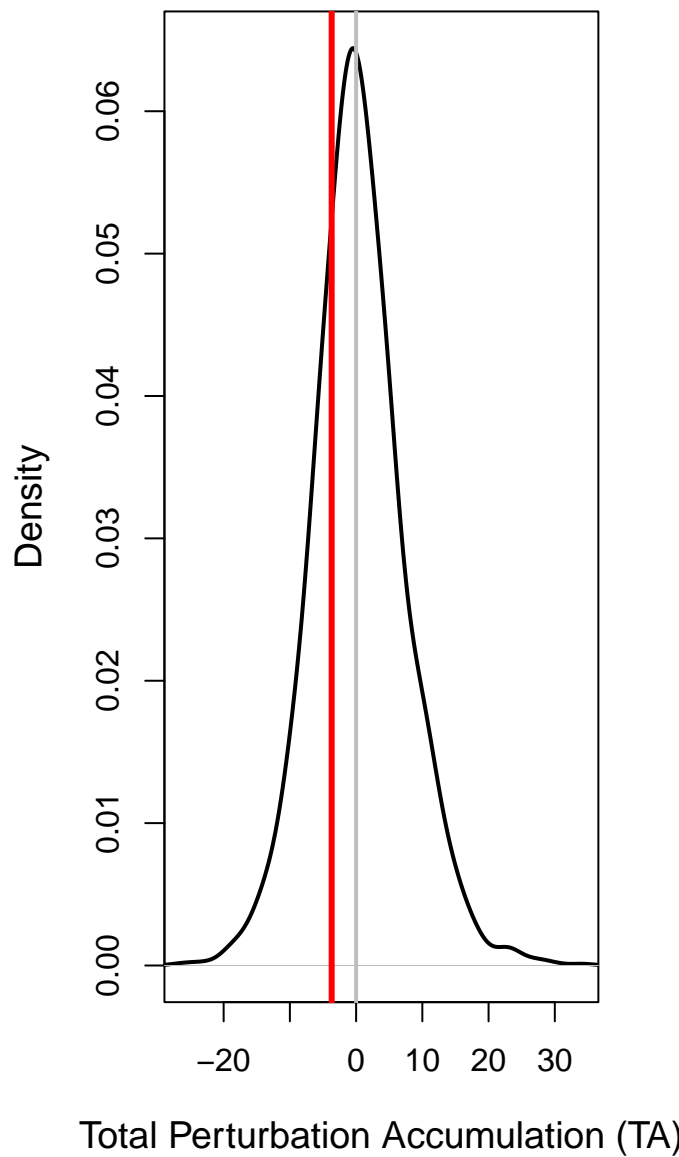
pathway ID=04672 P PERT=1



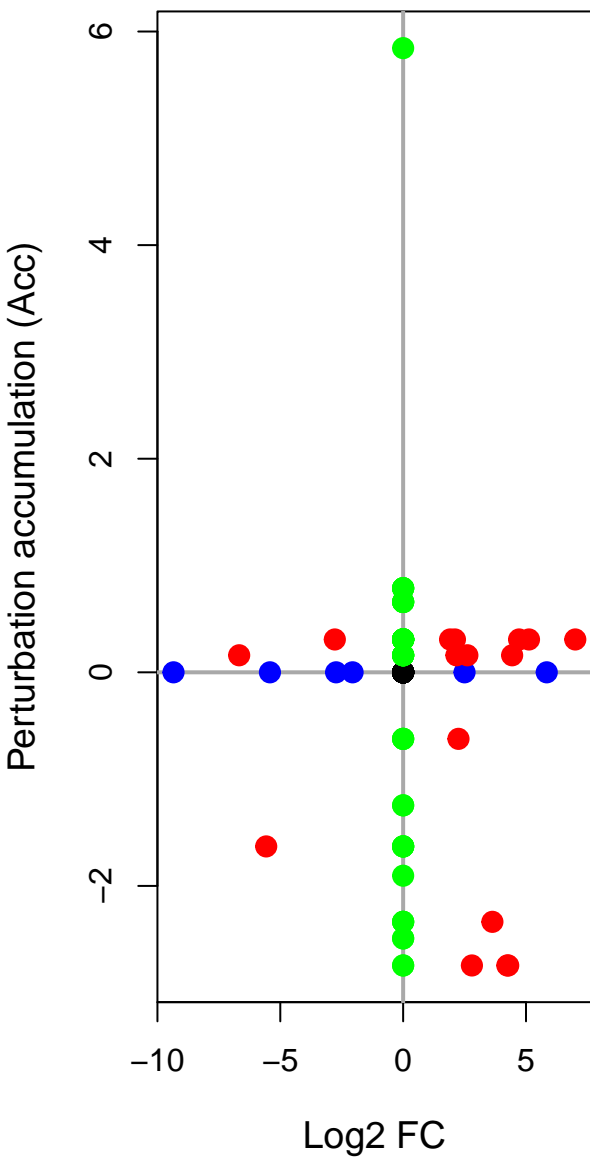
pathway ID=04710



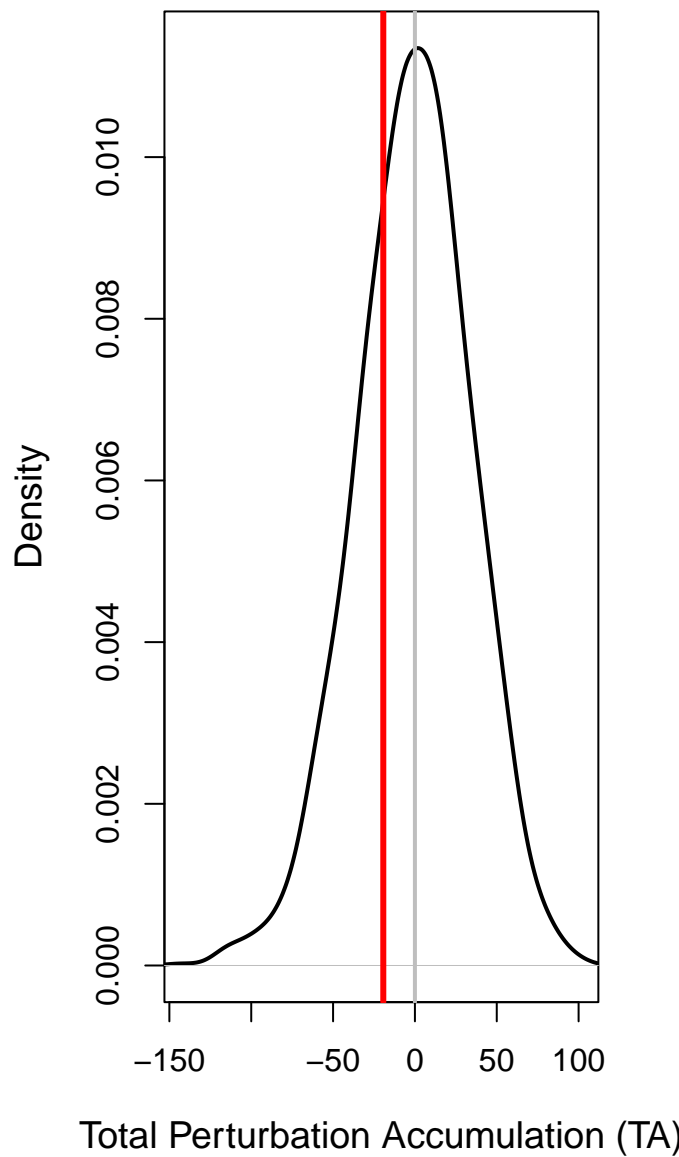
pathway ID=04710 P PERT=0.525



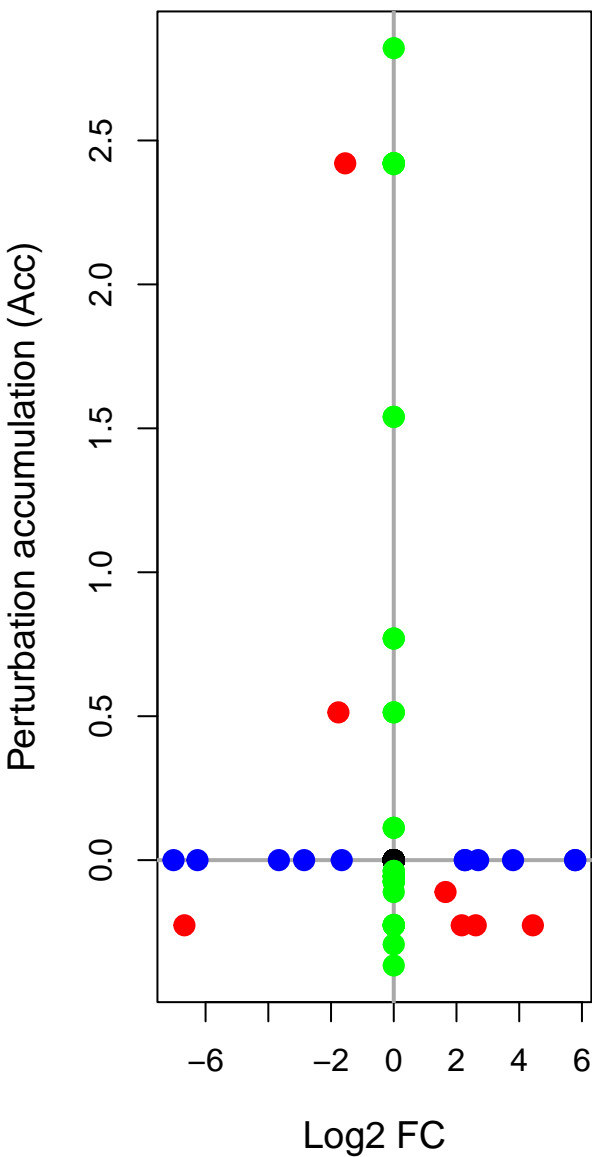
pathway ID=04713



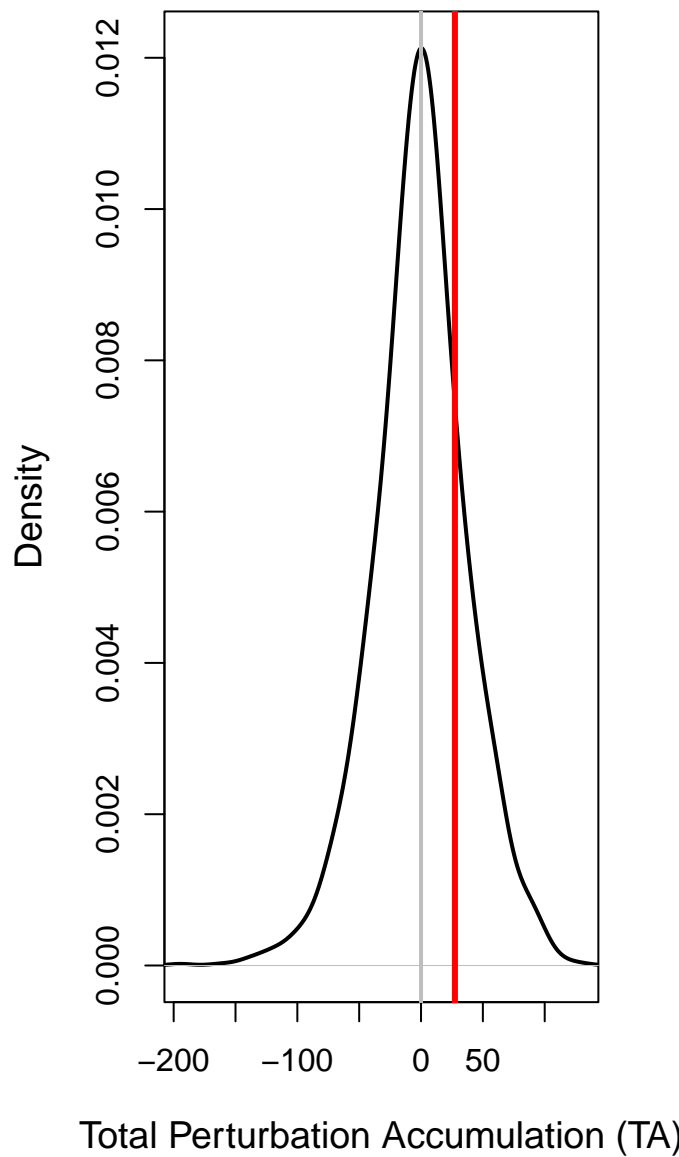
pathway ID=04713 P PERT=0.578



pathway ID=04714

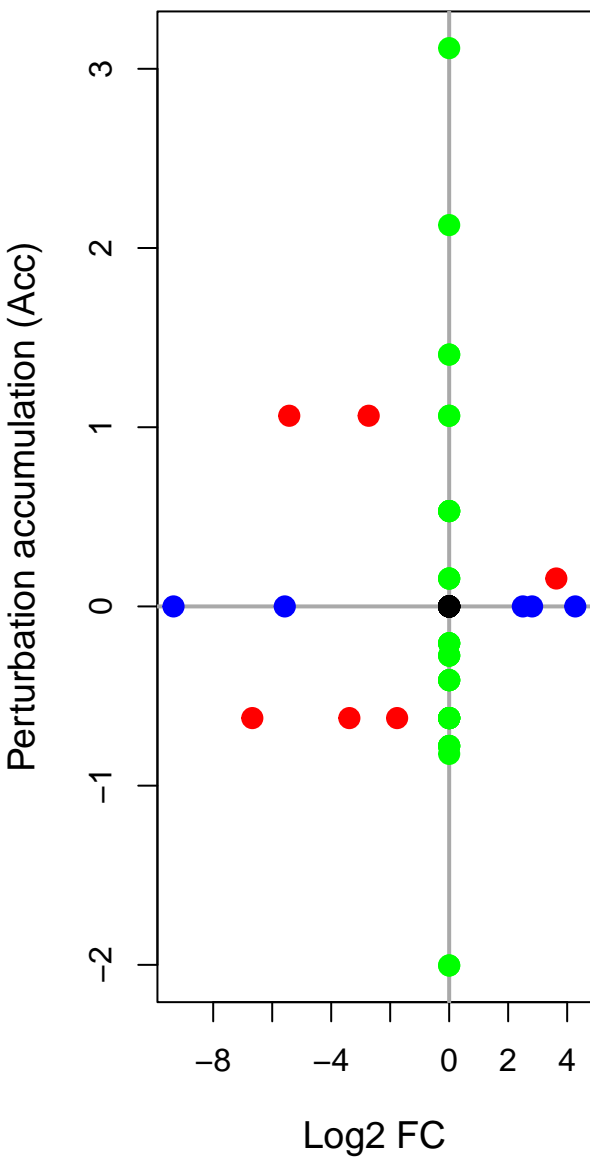


pathway ID=04714 P PERT=0.428

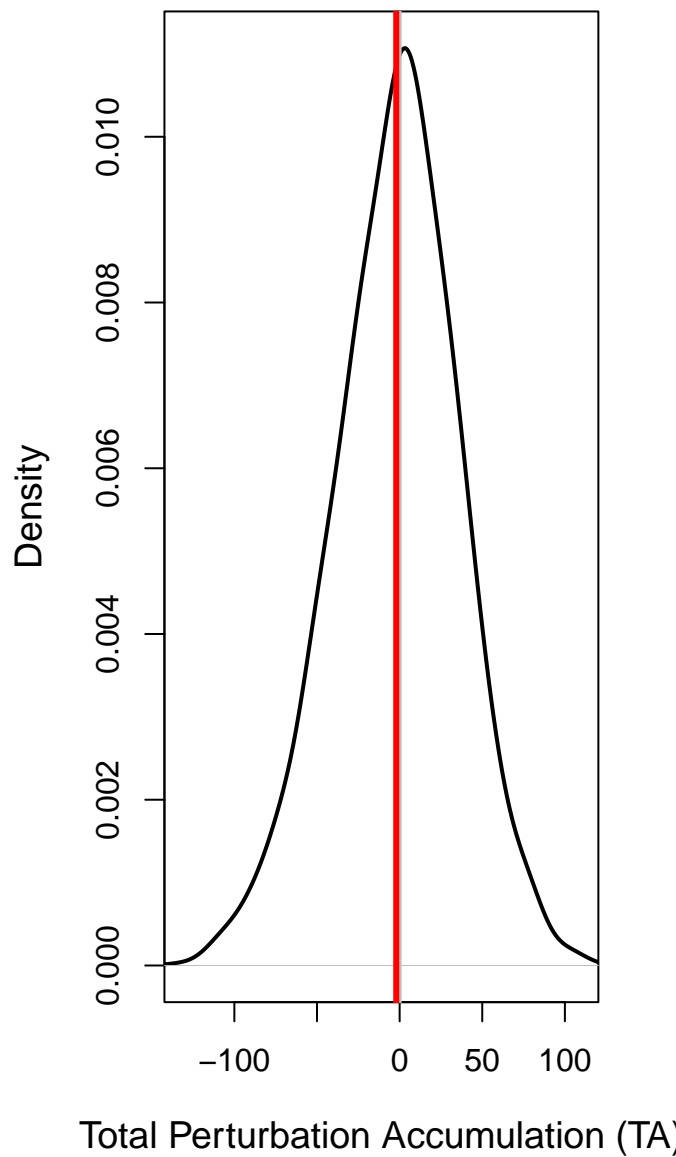




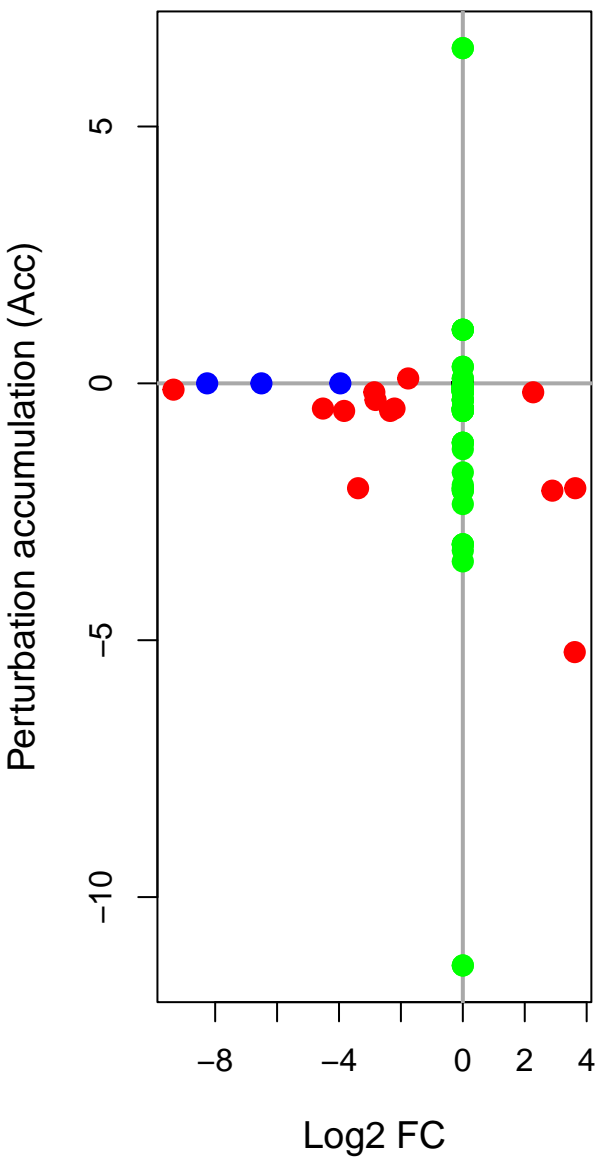
pathway ID=04720



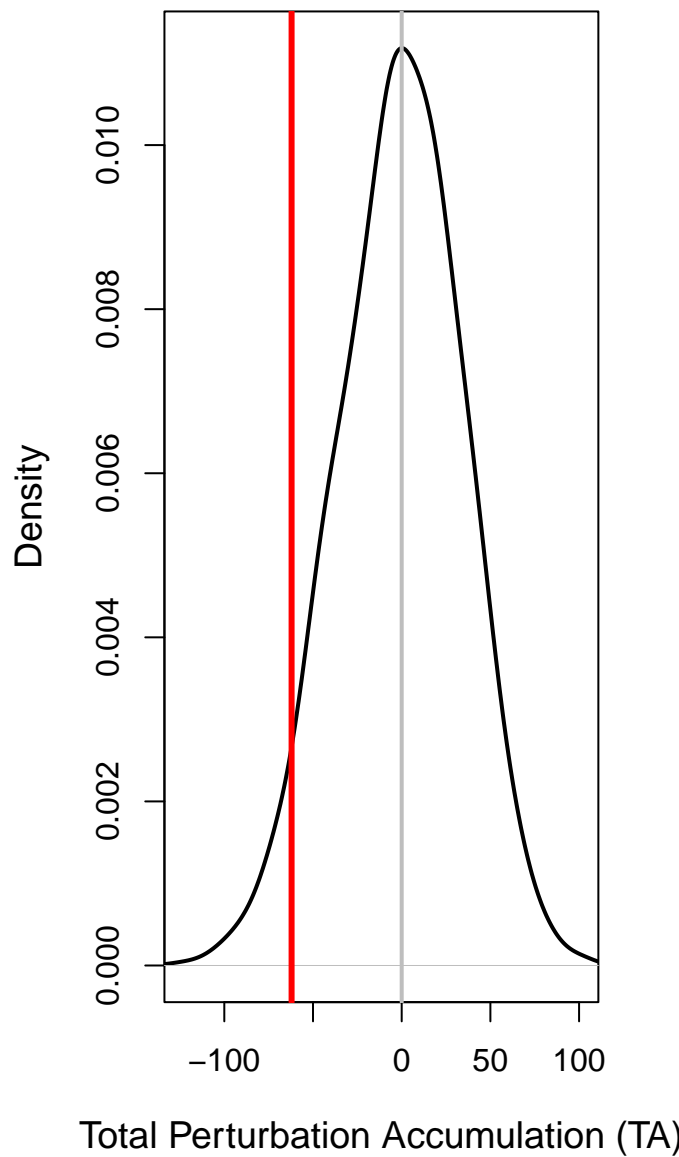
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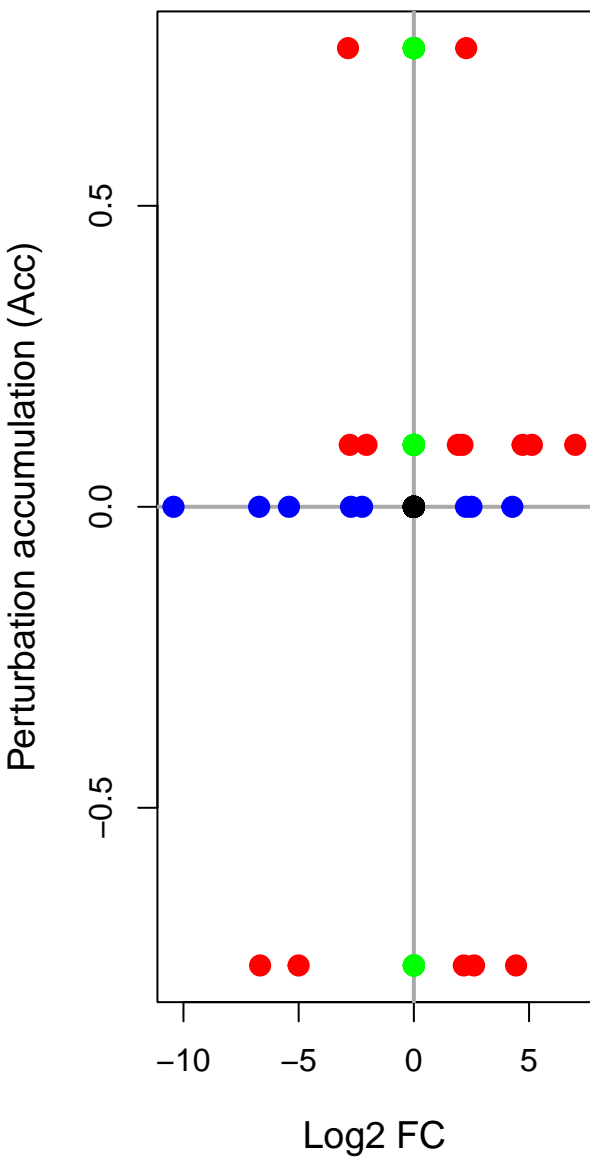
pathway ID=04722



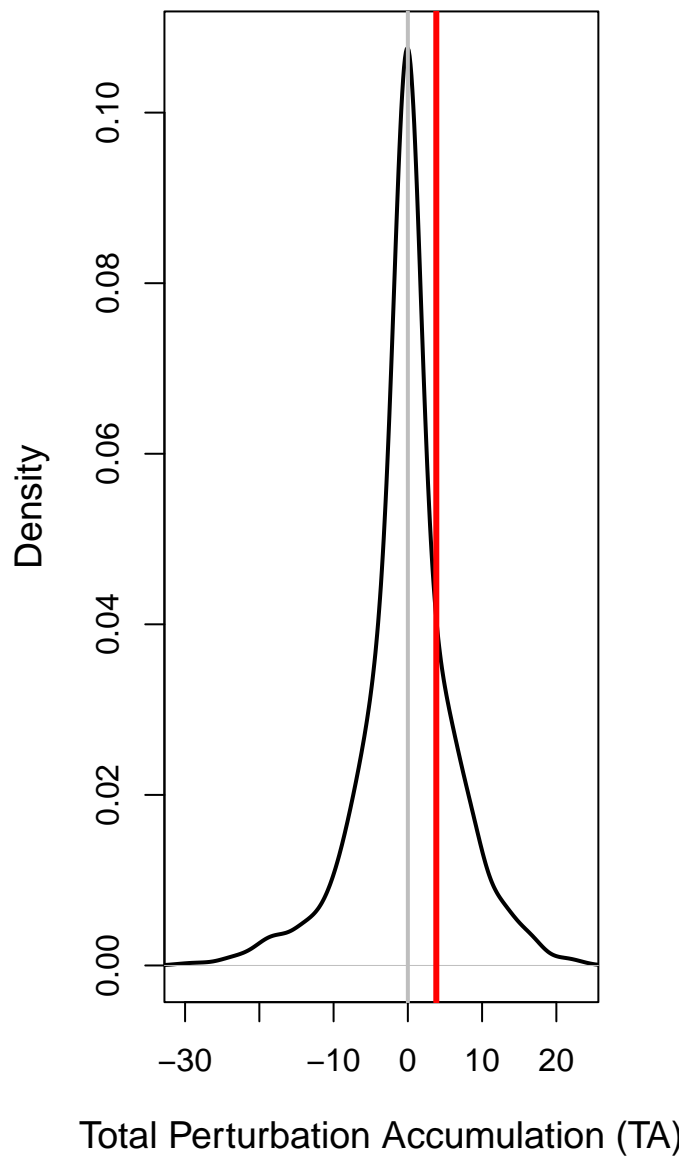
pathway ID=04722 P PERT=0.089



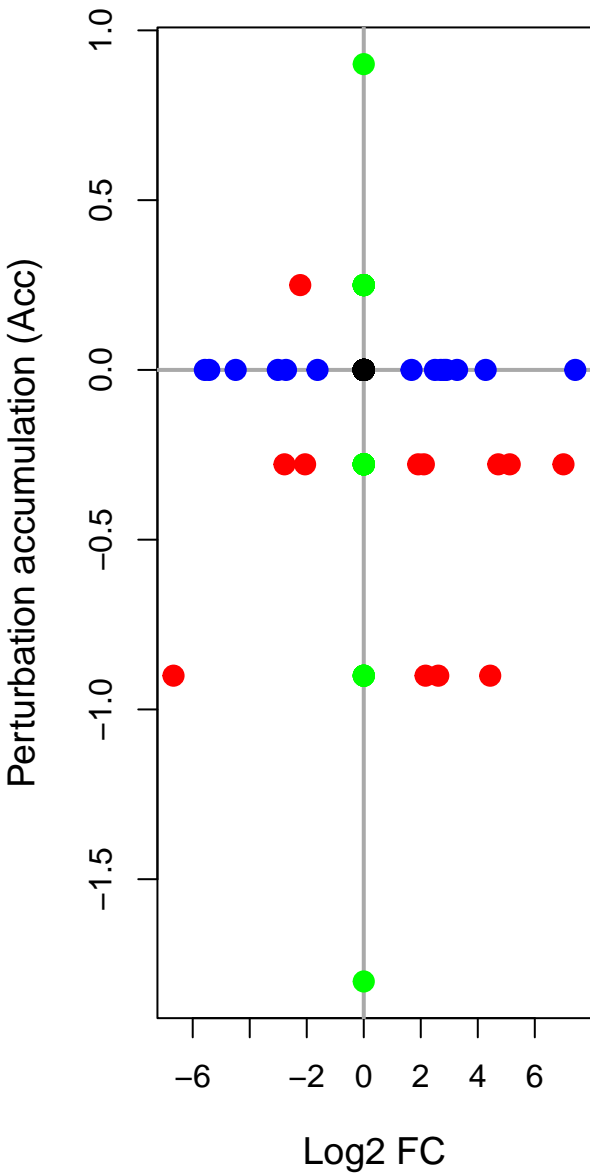
pathway ID=04723



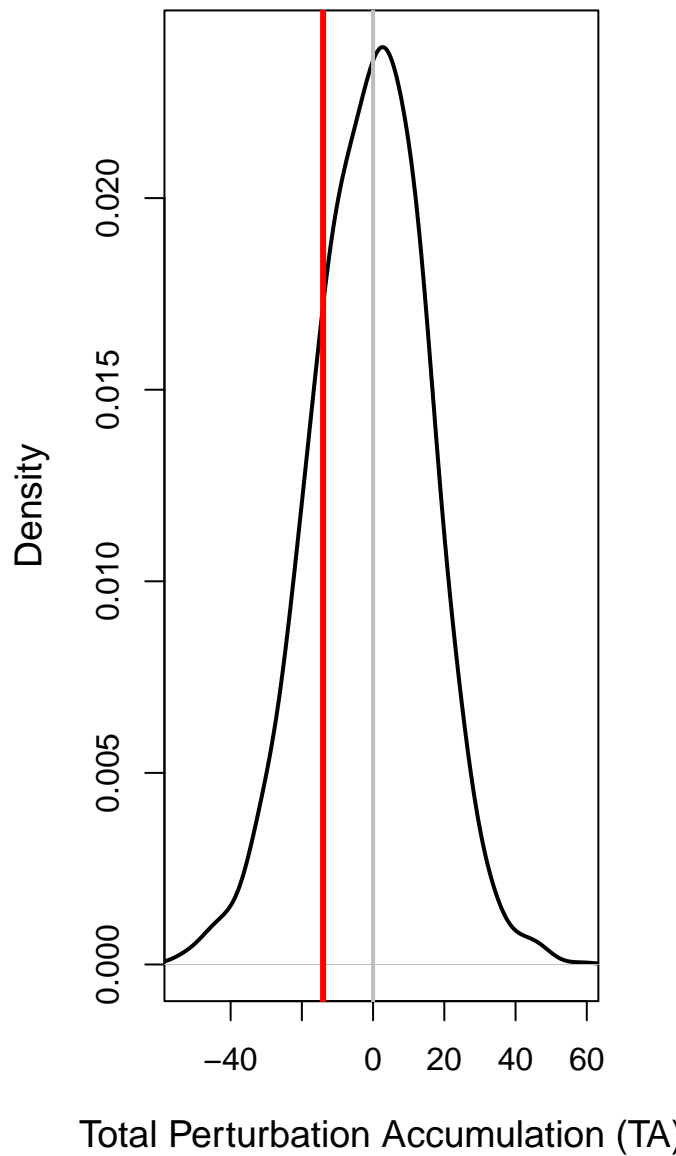
pathway ID=04723 P PERT=0.414



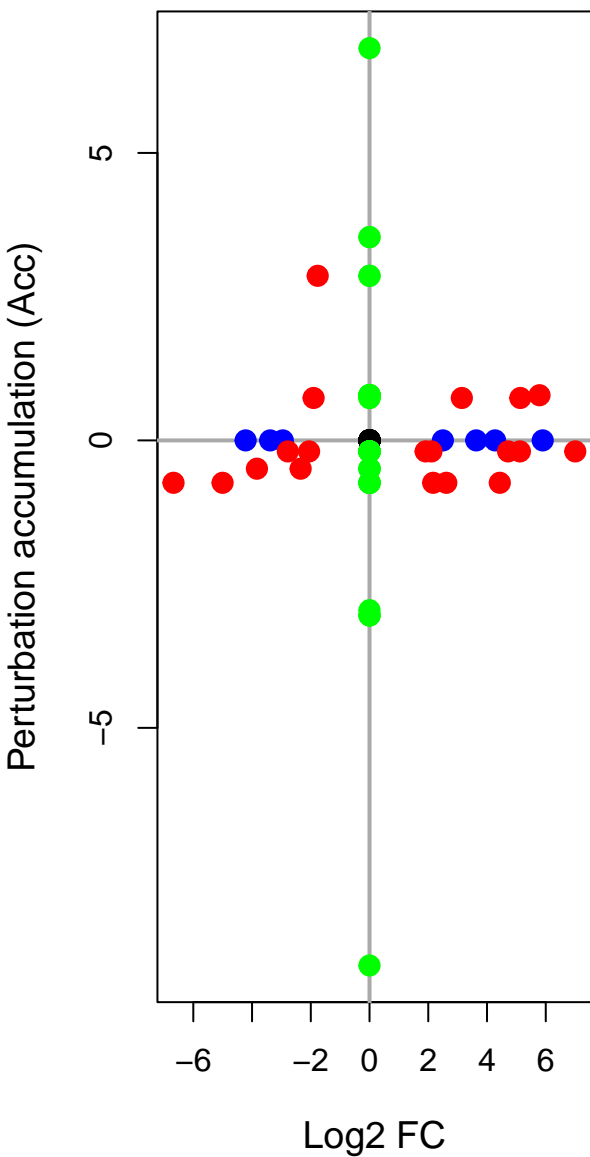
pathway ID=04724



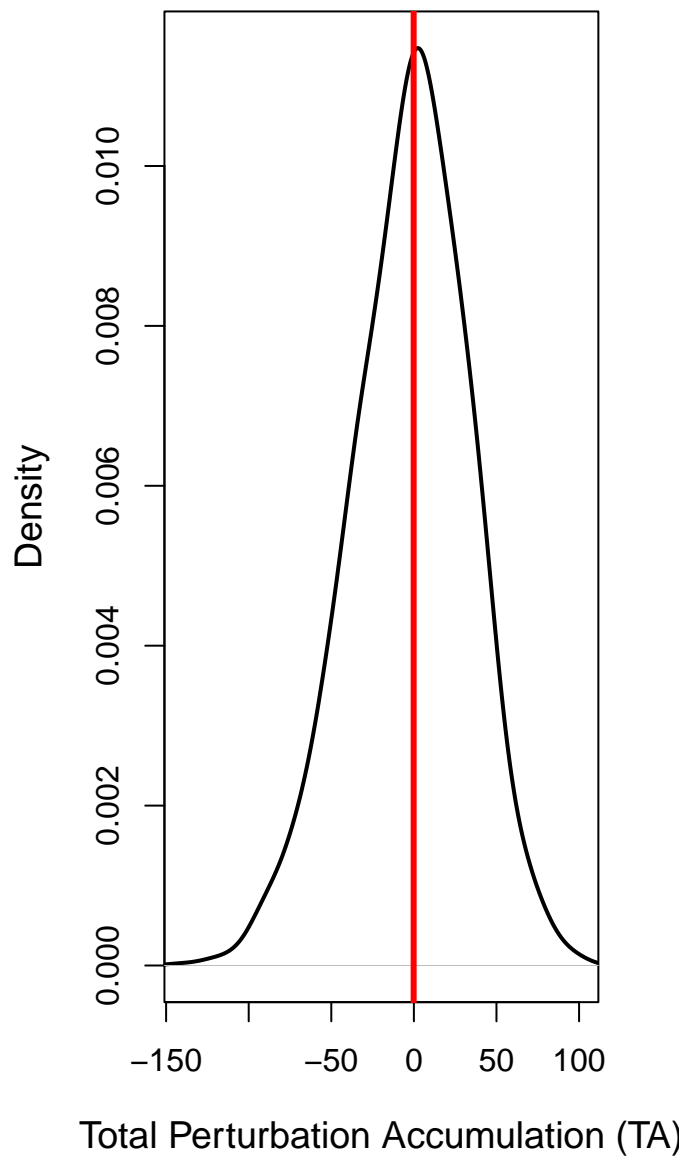
pathway ID=04724 P PERT=0.409



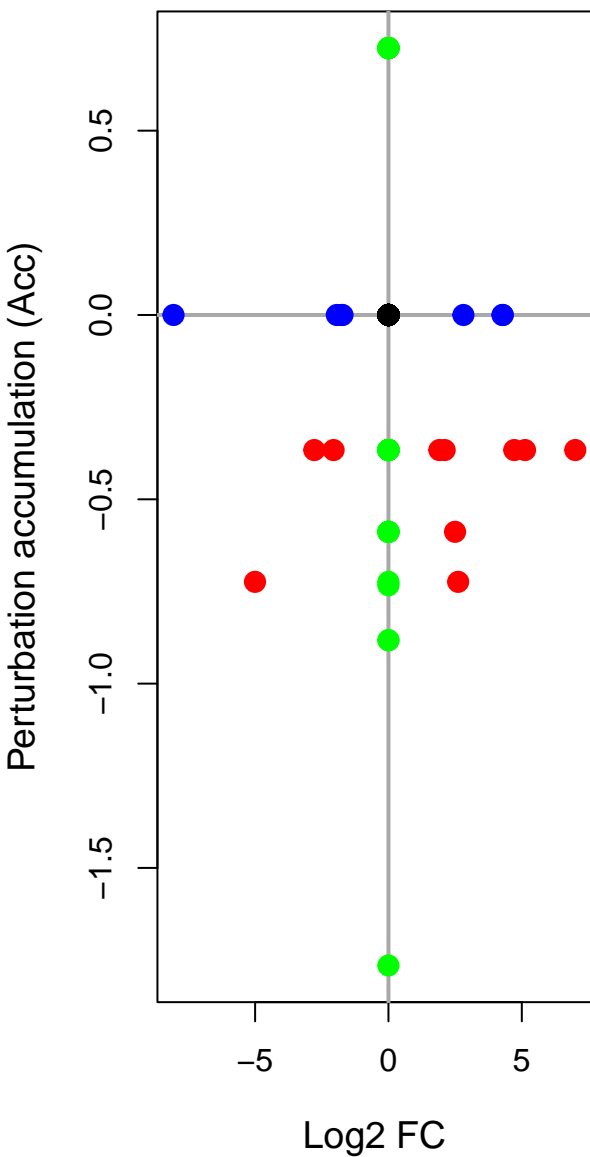
pathway ID=04725



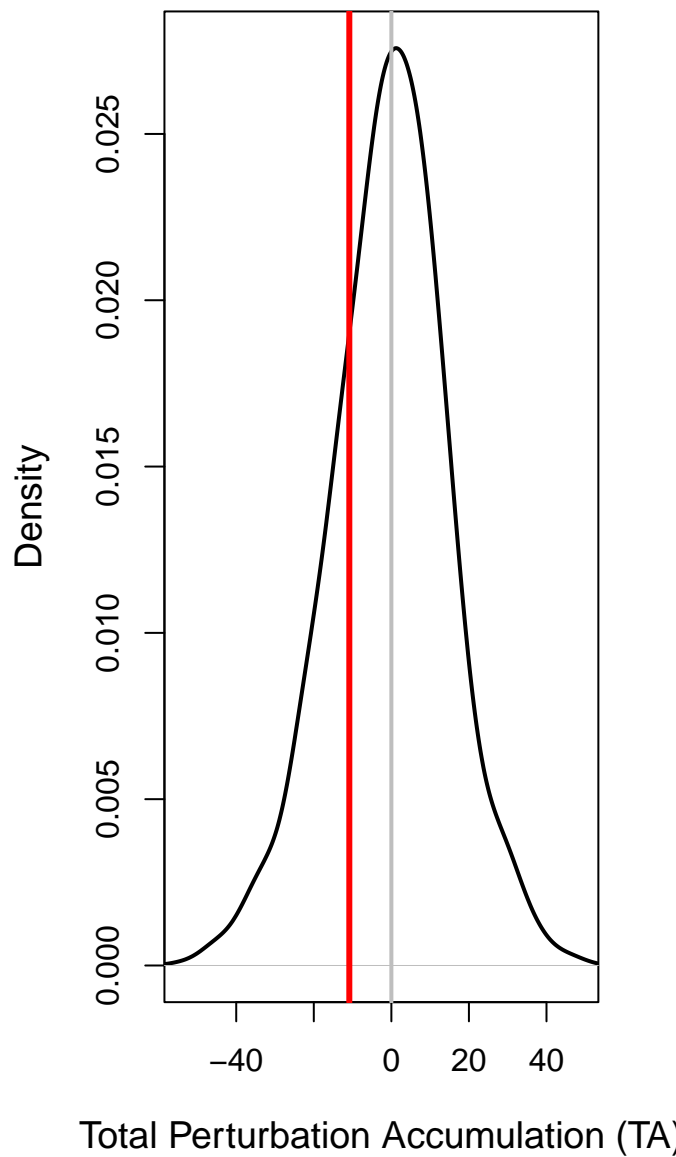
pathway ID=04725 P PERT=0.998



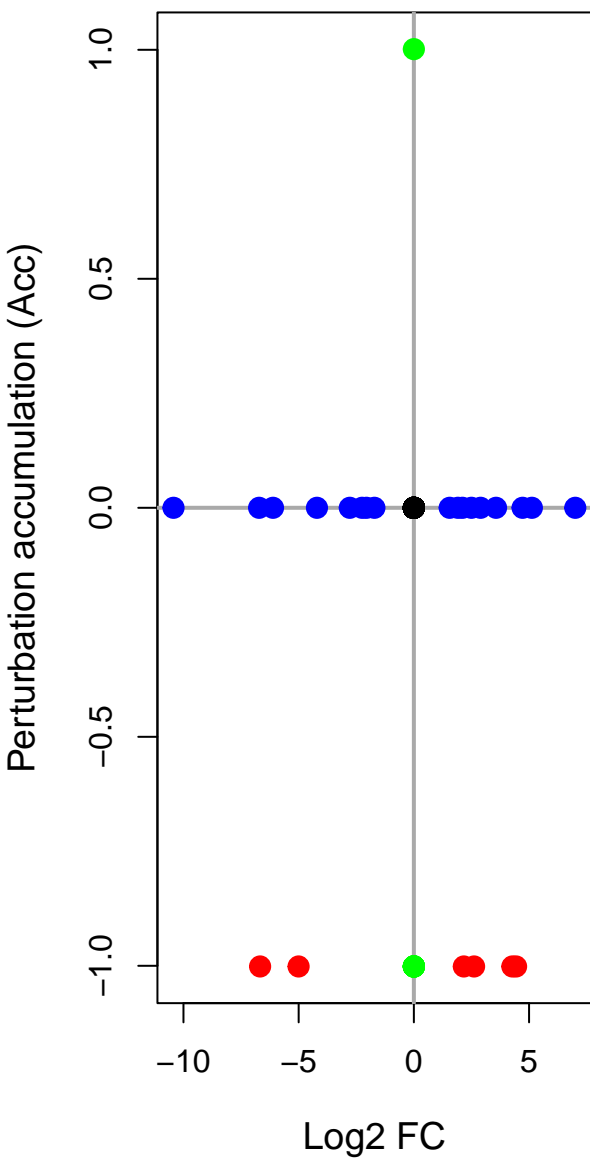
pathway ID=04726



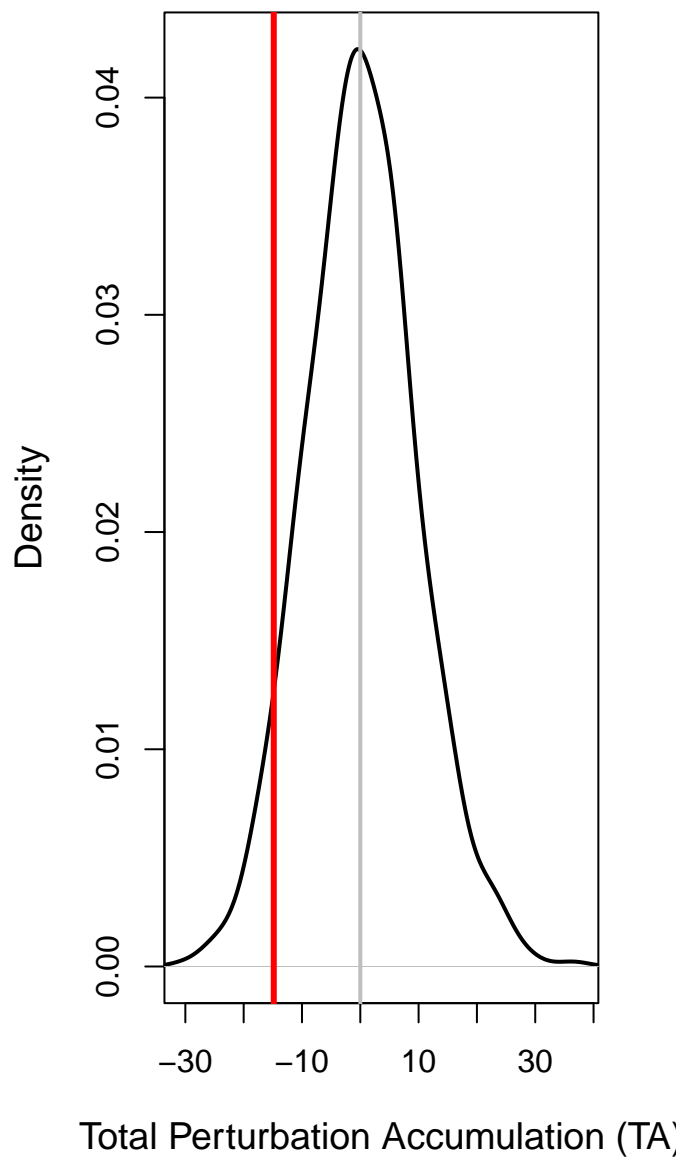
pathway ID=04726 P PERT=0.472



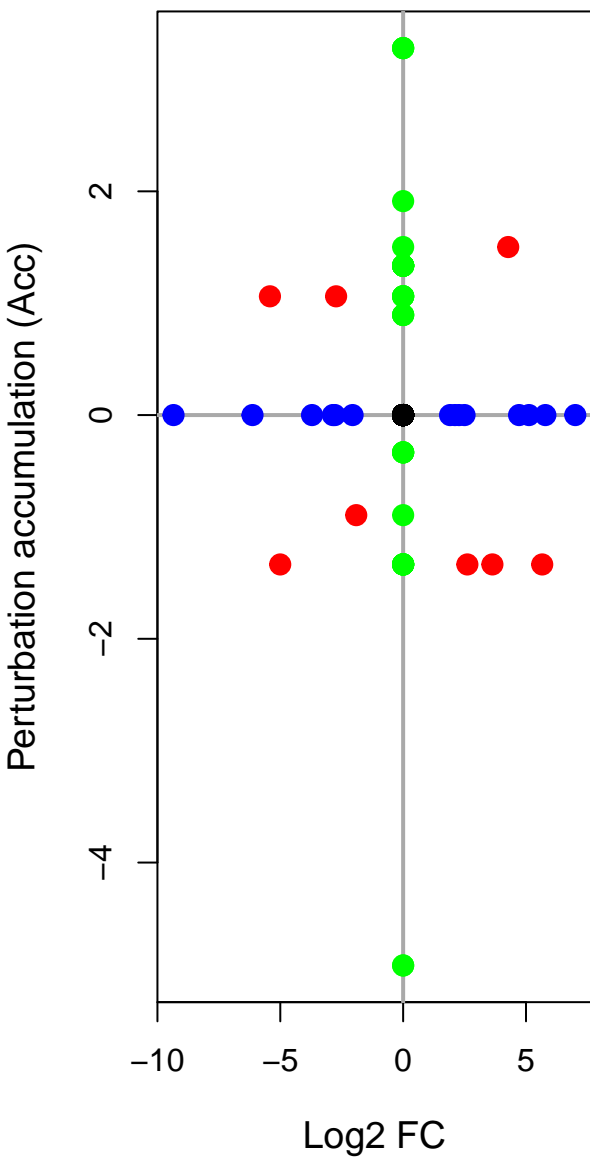
pathway ID=04727



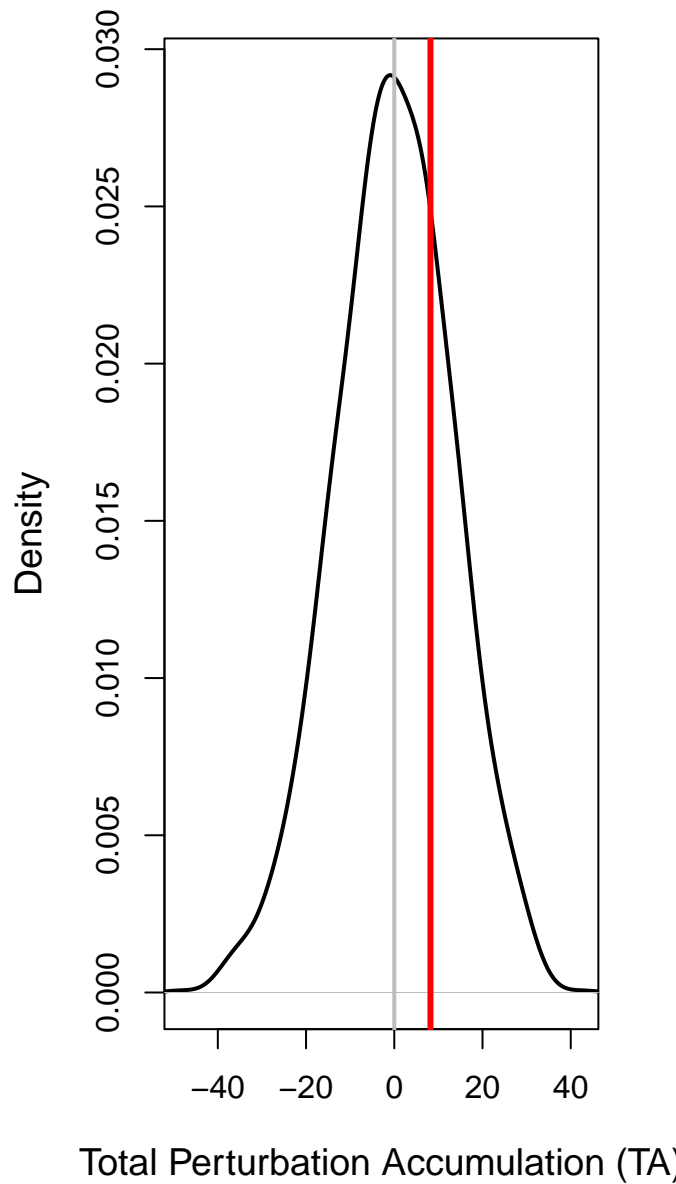
pathway ID=04727 P PERT=0.111



pathway ID=04728

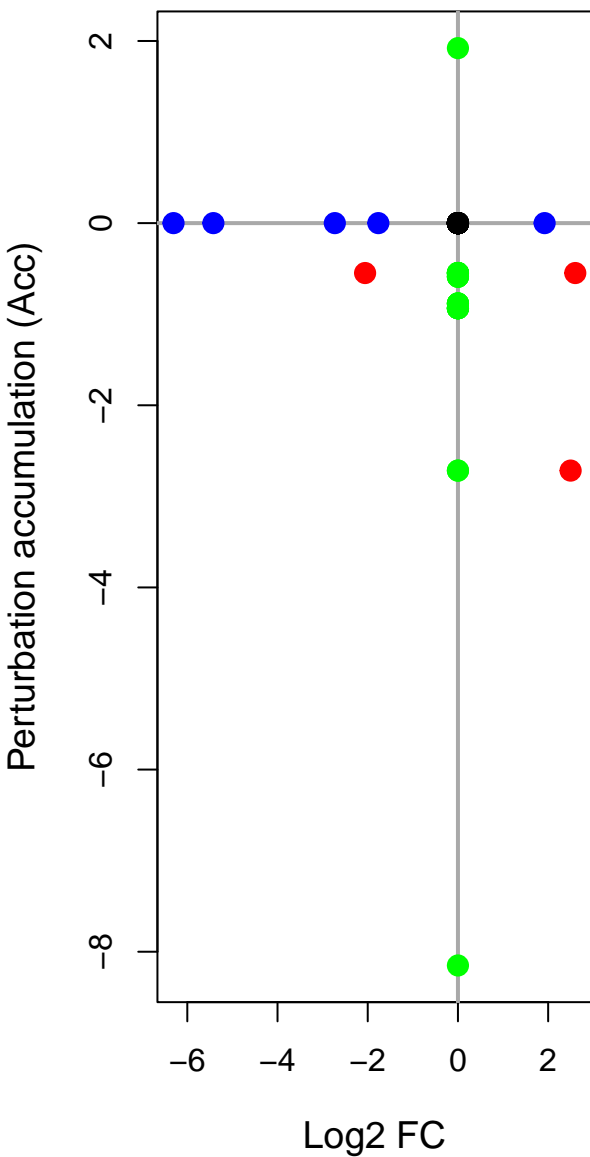


pathway ID=04728 P PERT=0.534

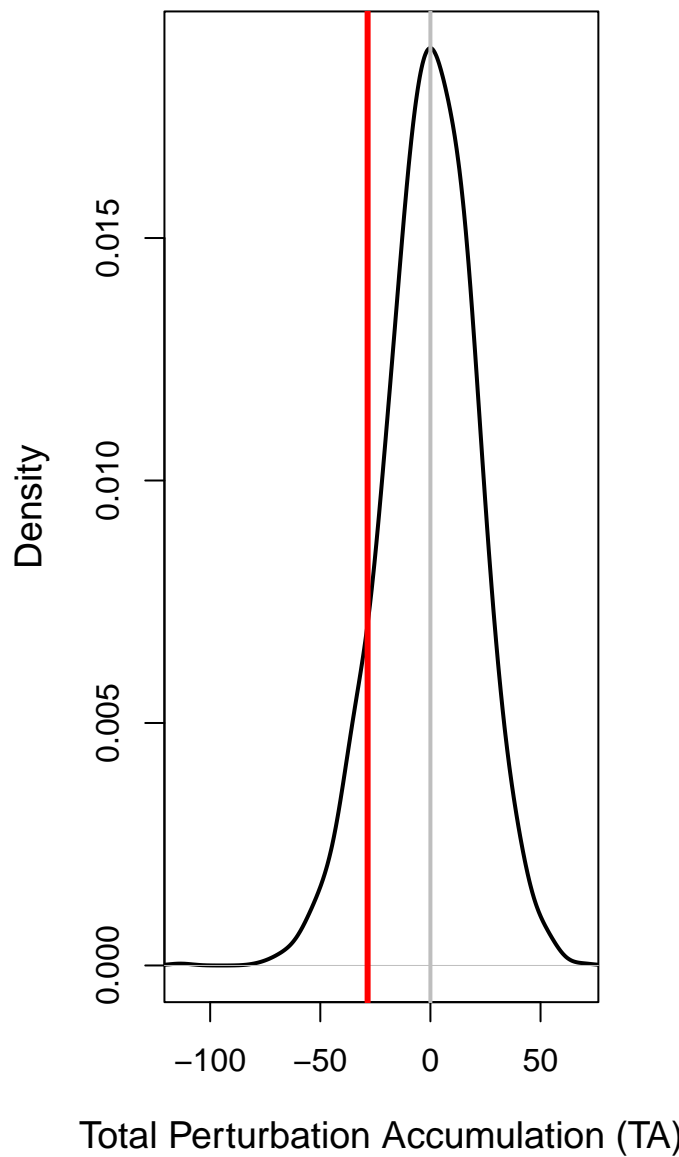




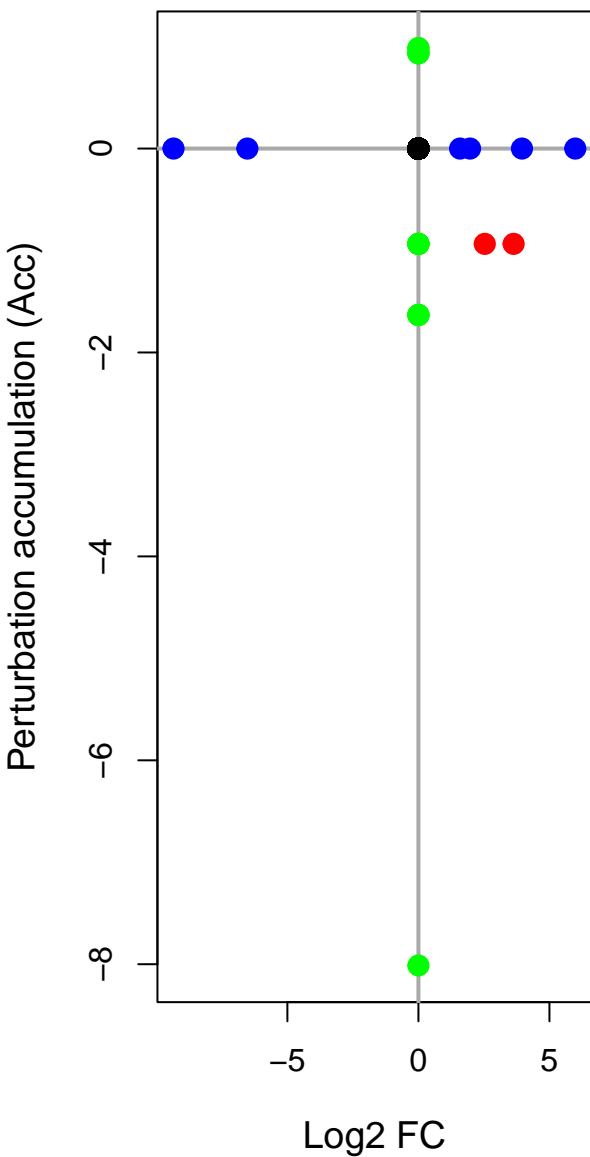
pathway ID=04730



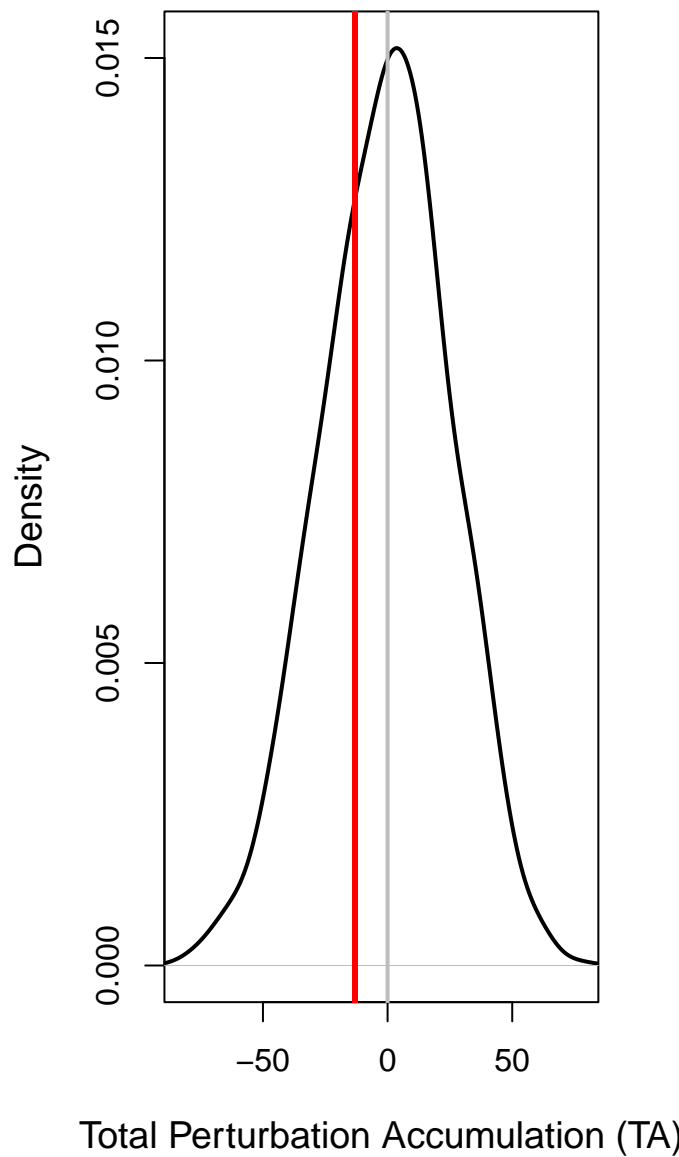
pathway ID=04730 P PERT=0.196



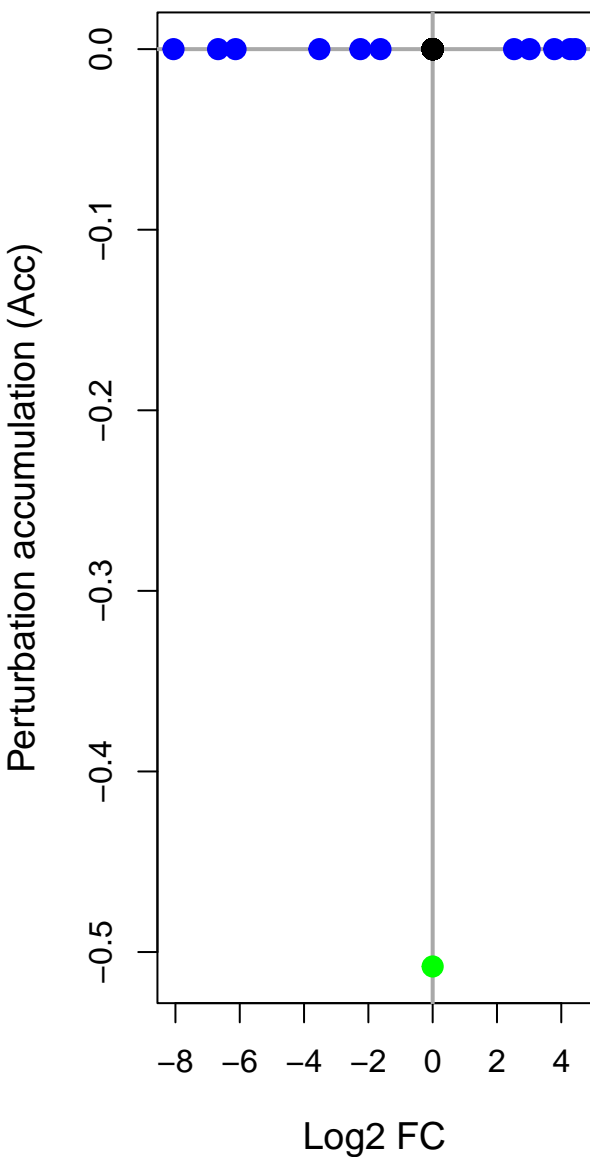
pathway ID=04740



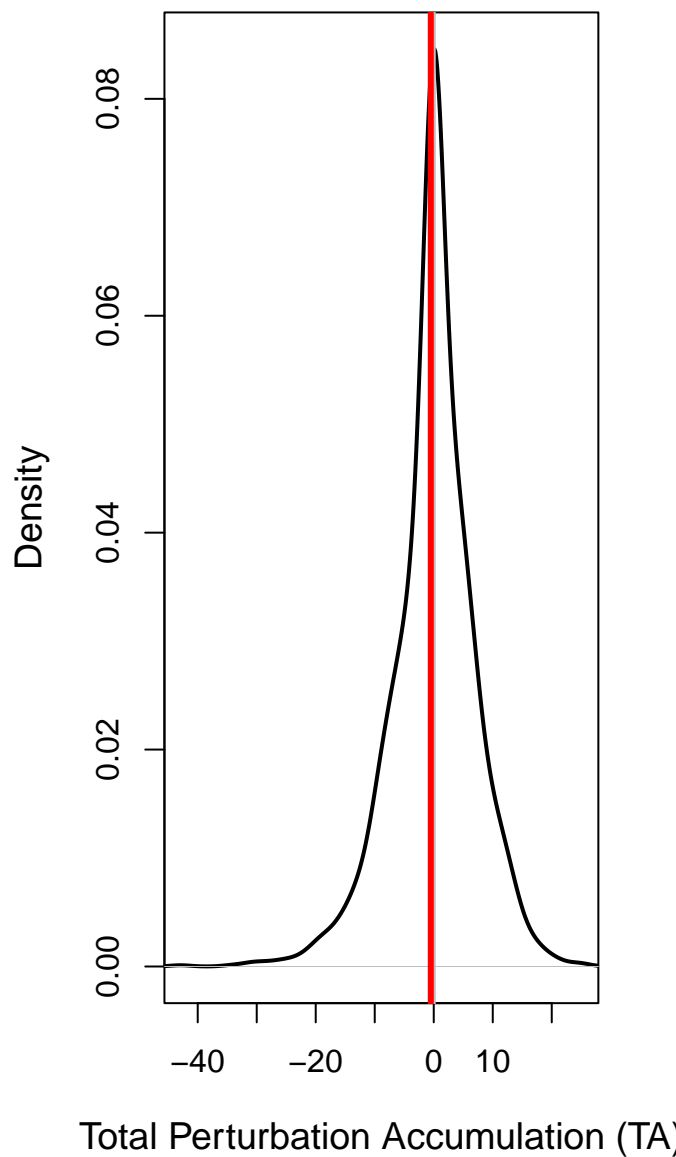
pathway ID=04740 P PERT=0.629



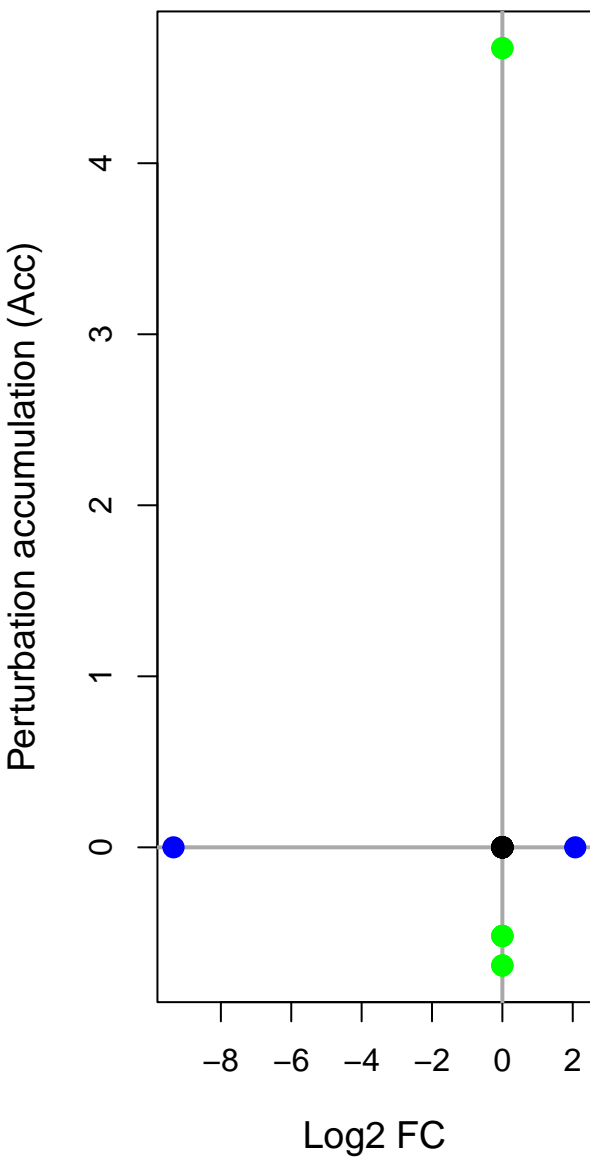
pathway ID=04742



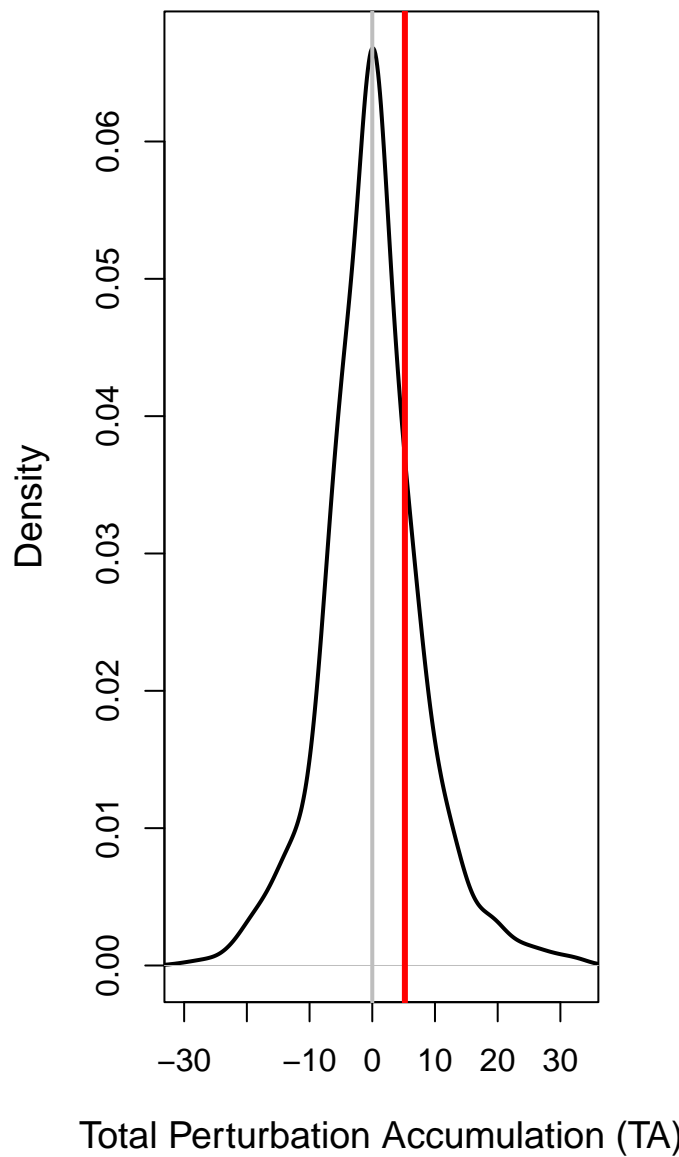
pathway ID=04742 P PERT=0.7



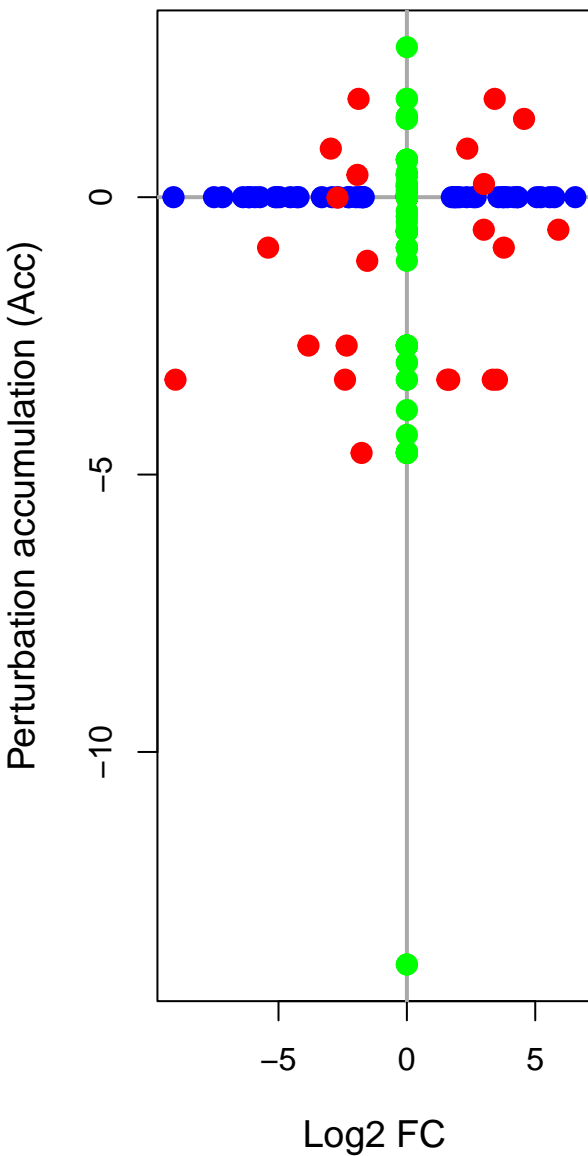
pathway ID=04744



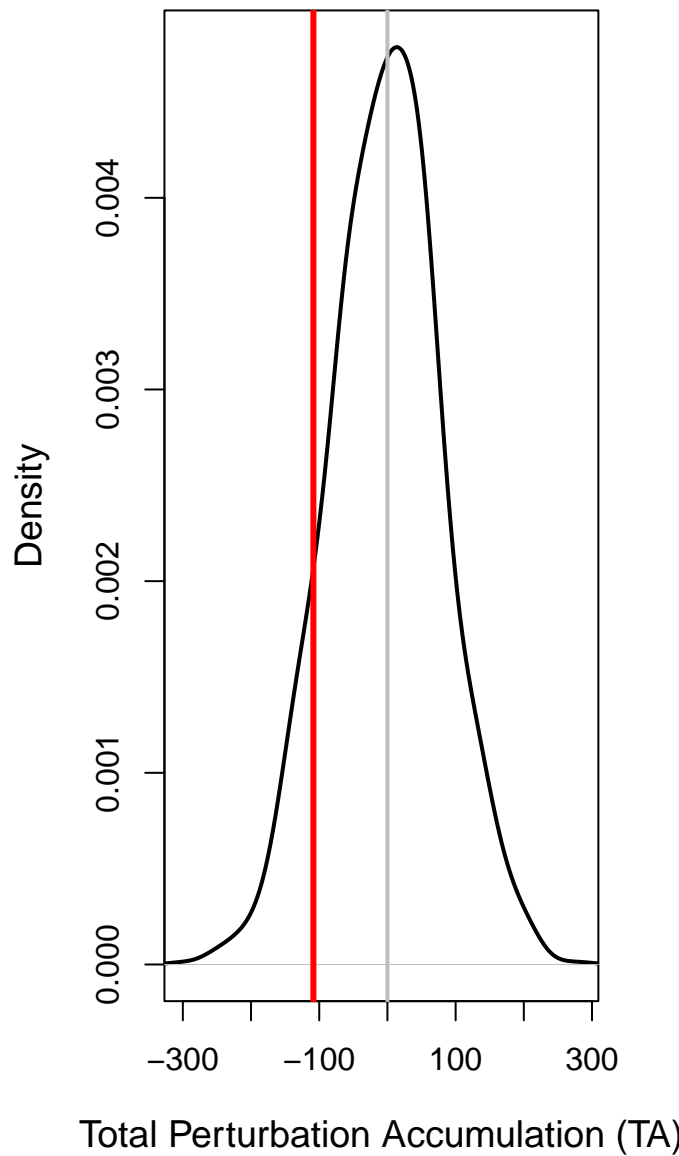
pathway ID=04744 P PERT=0.427



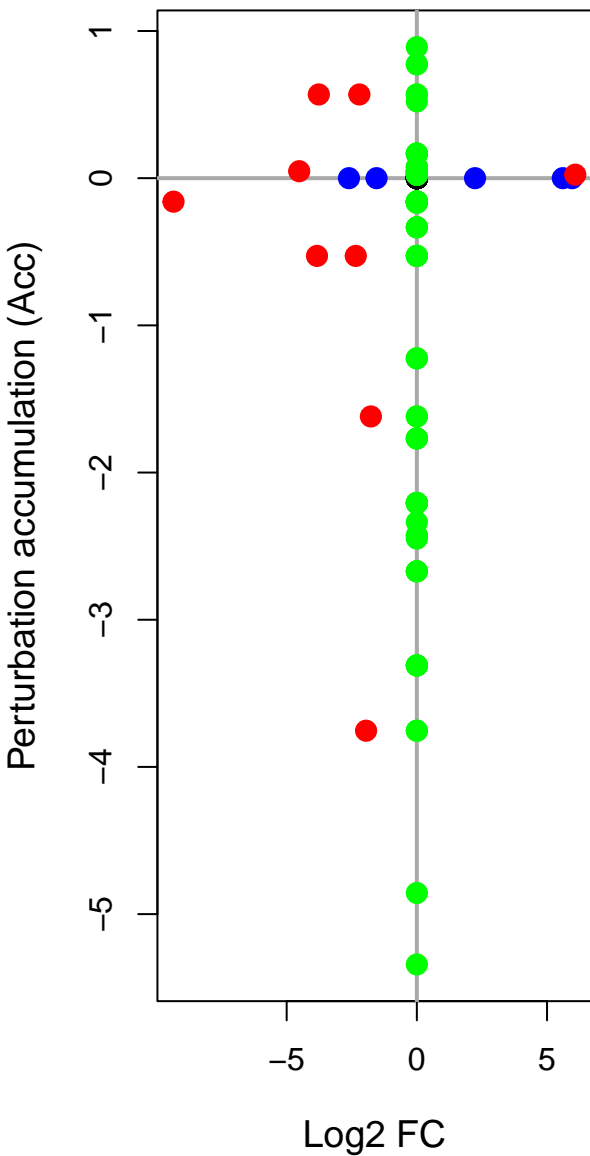
**pathway ID=04810**



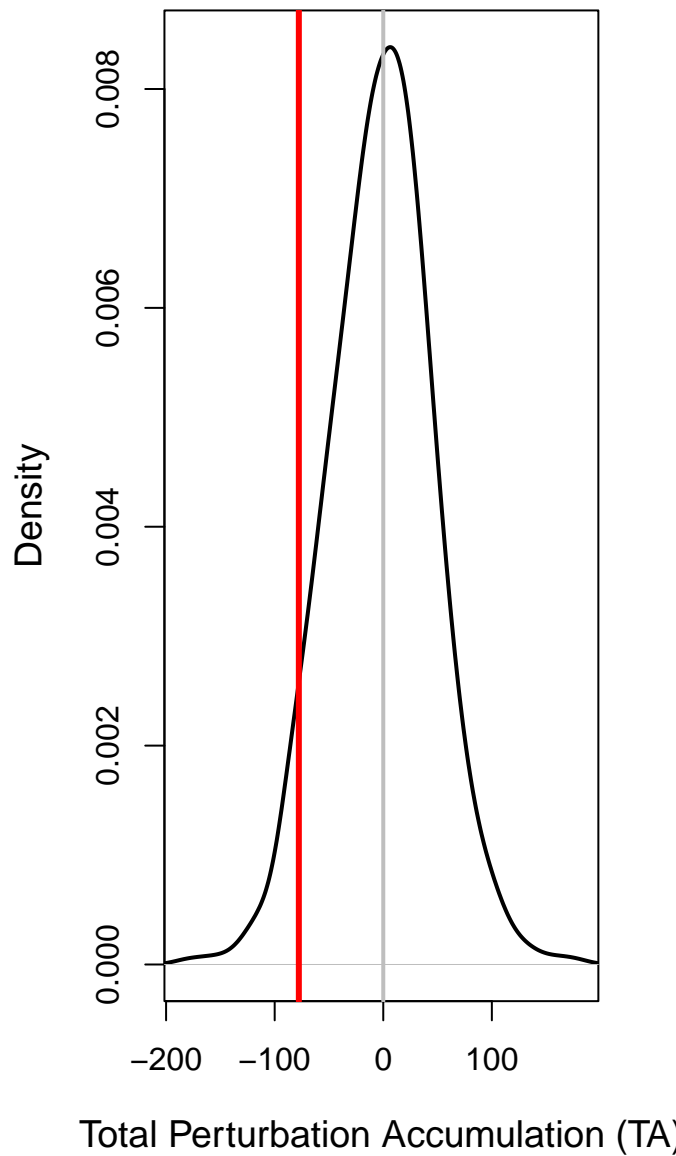
pathway ID=04810 P PERT=0.199



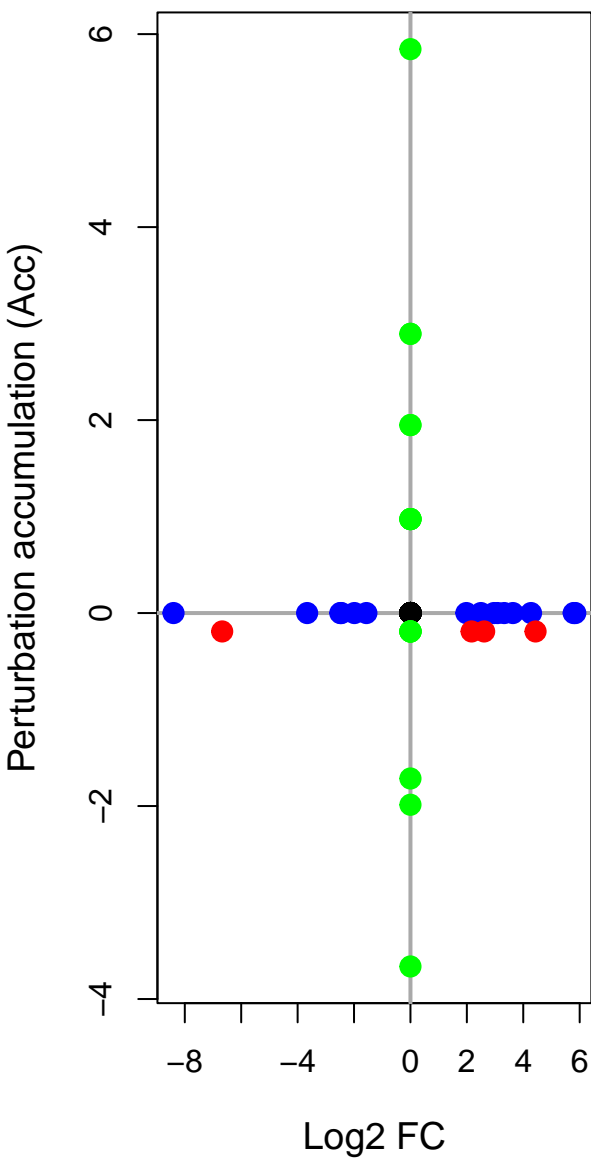
pathway ID=04910



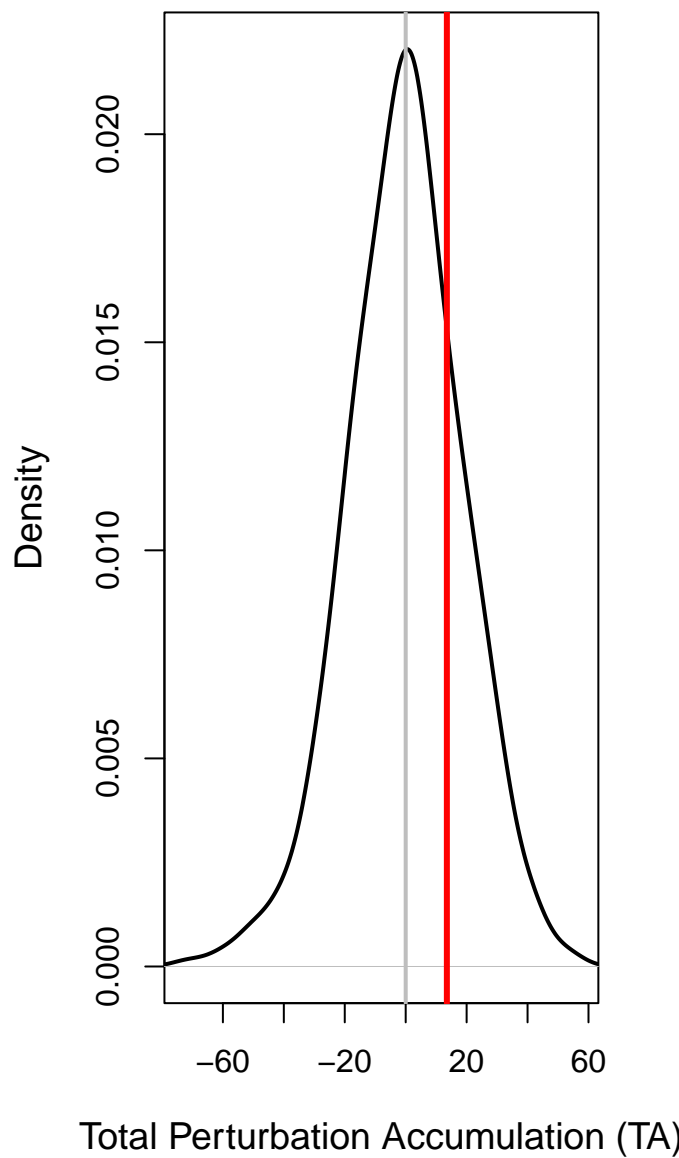
pathway ID=04910 P PERT=0.113



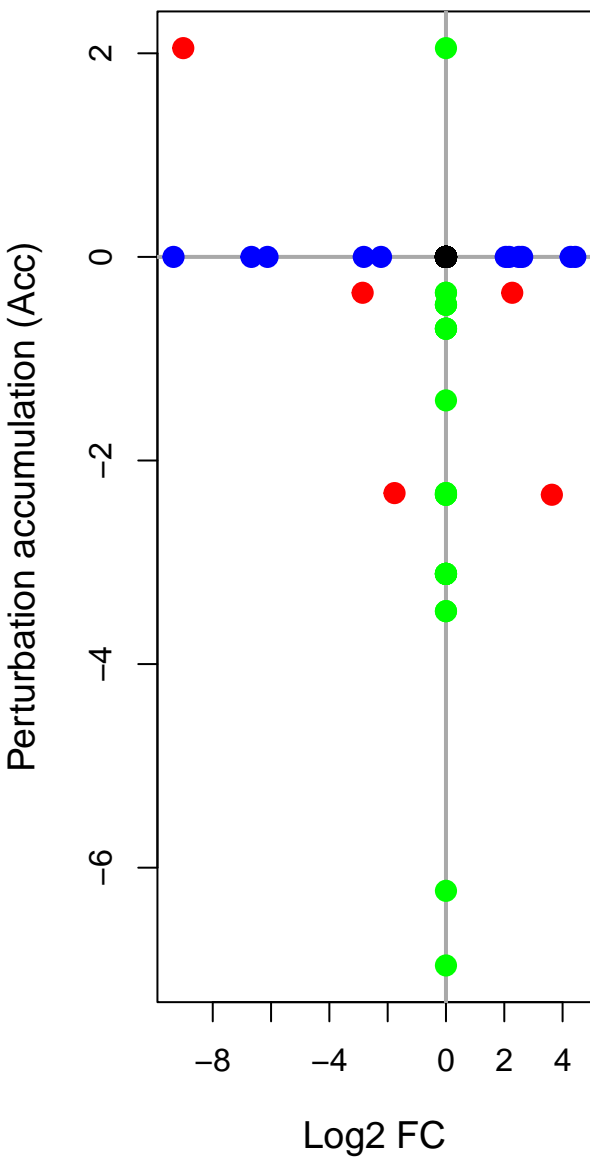
pathway ID=04911



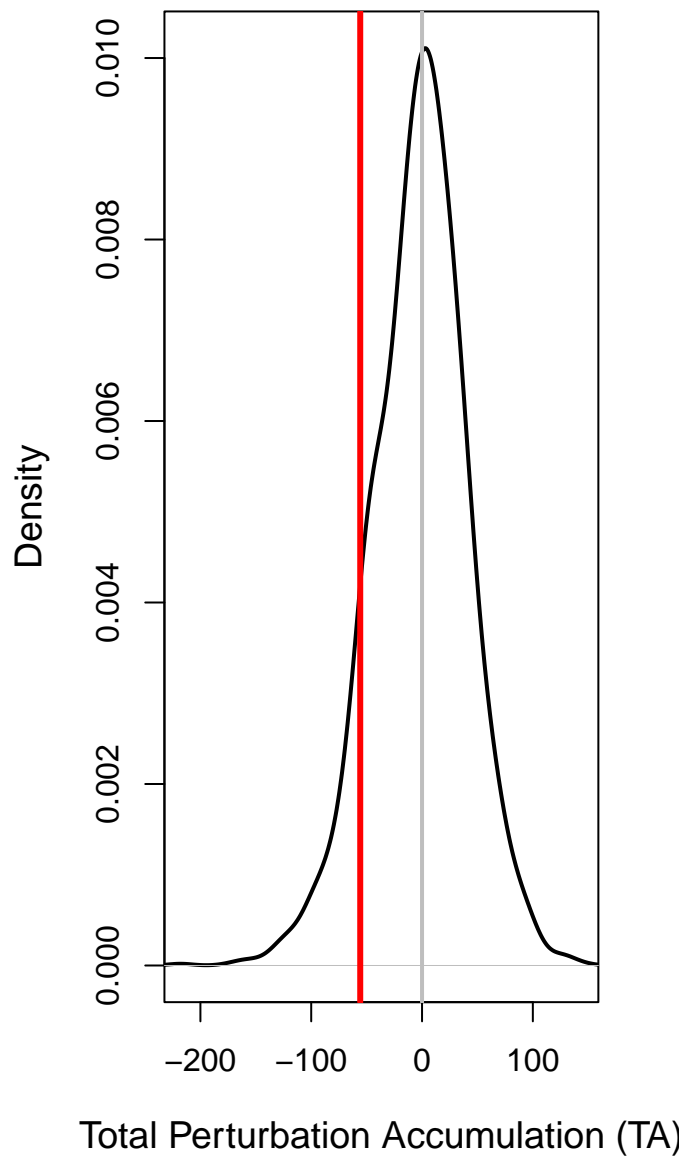
pathway ID=04911 P PERT=0.464



pathway ID=04912

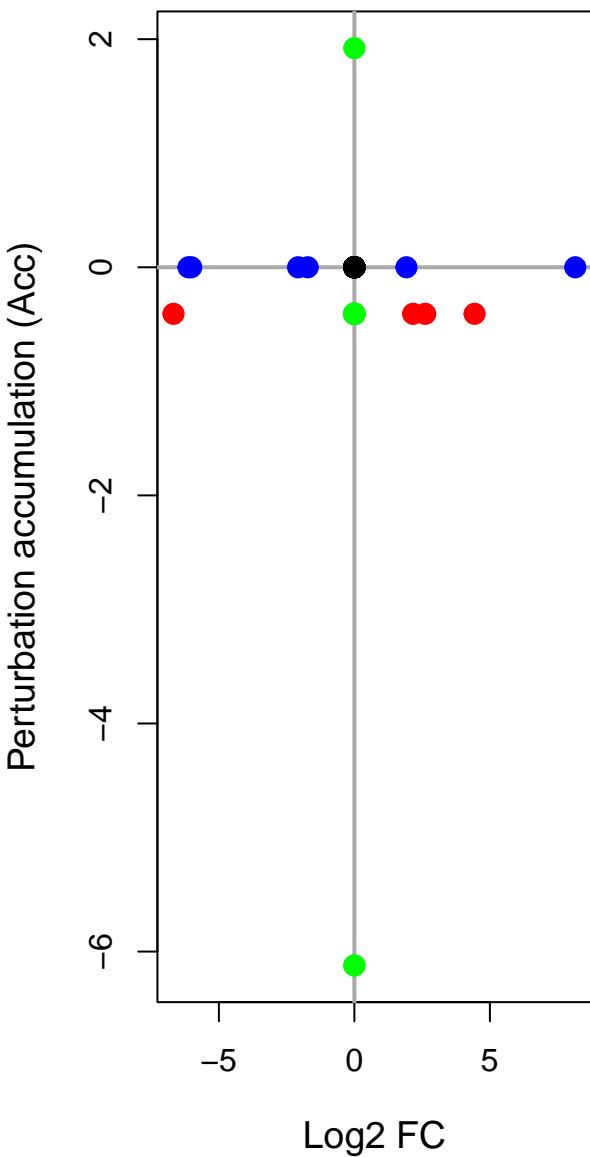


pathway ID=04912 P PERT=0.191

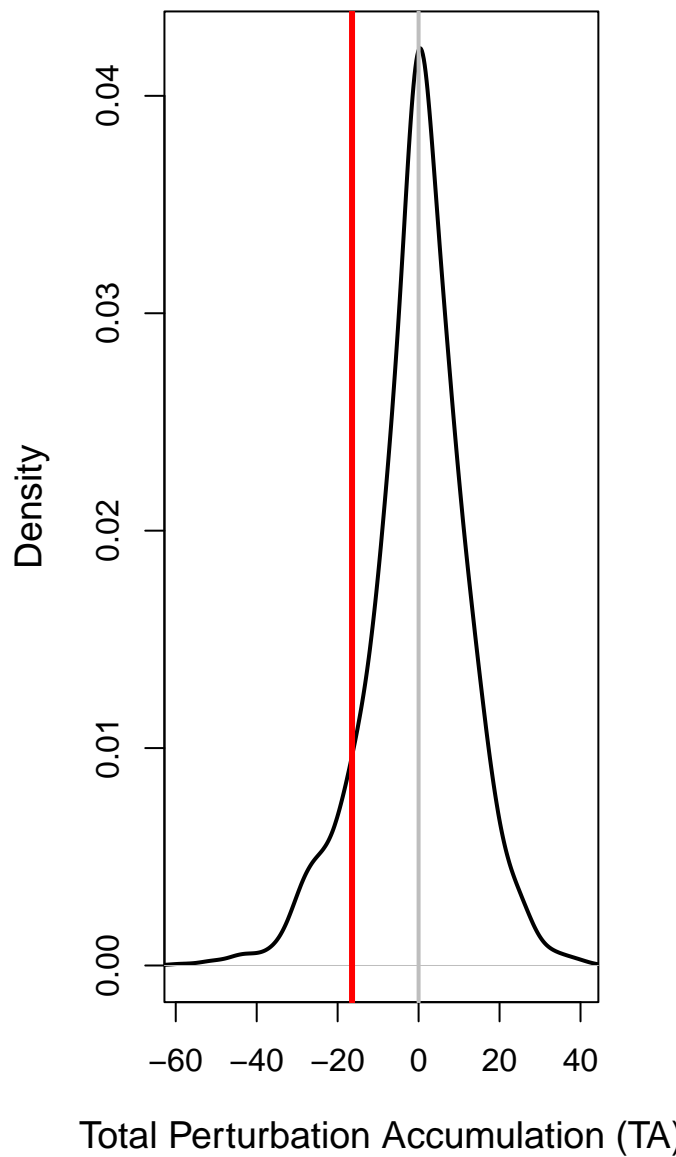




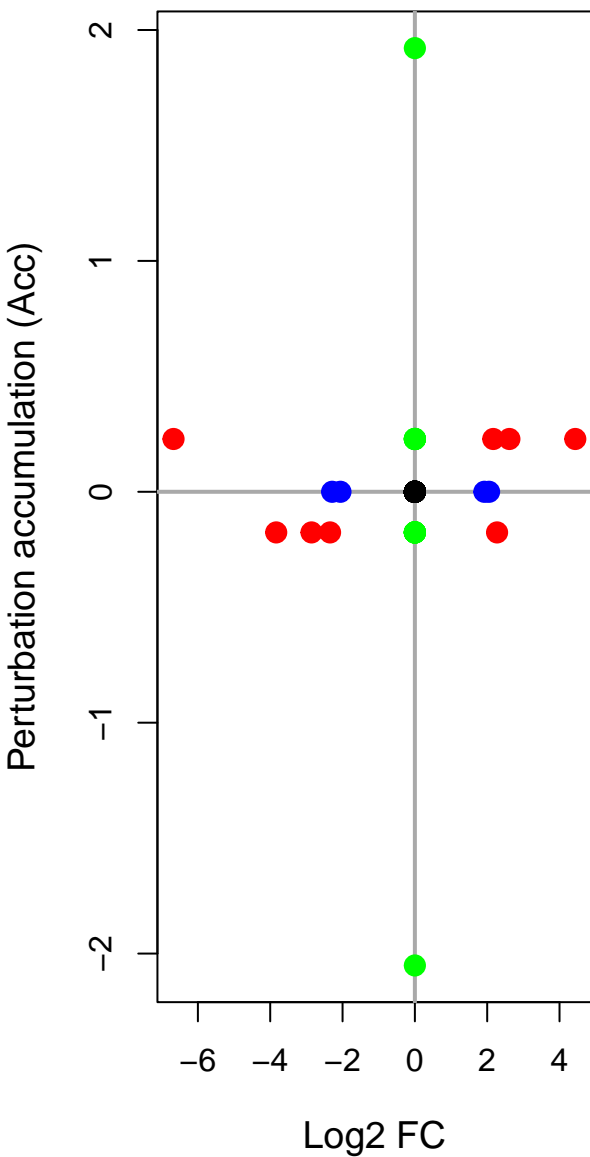
pathway ID=04913



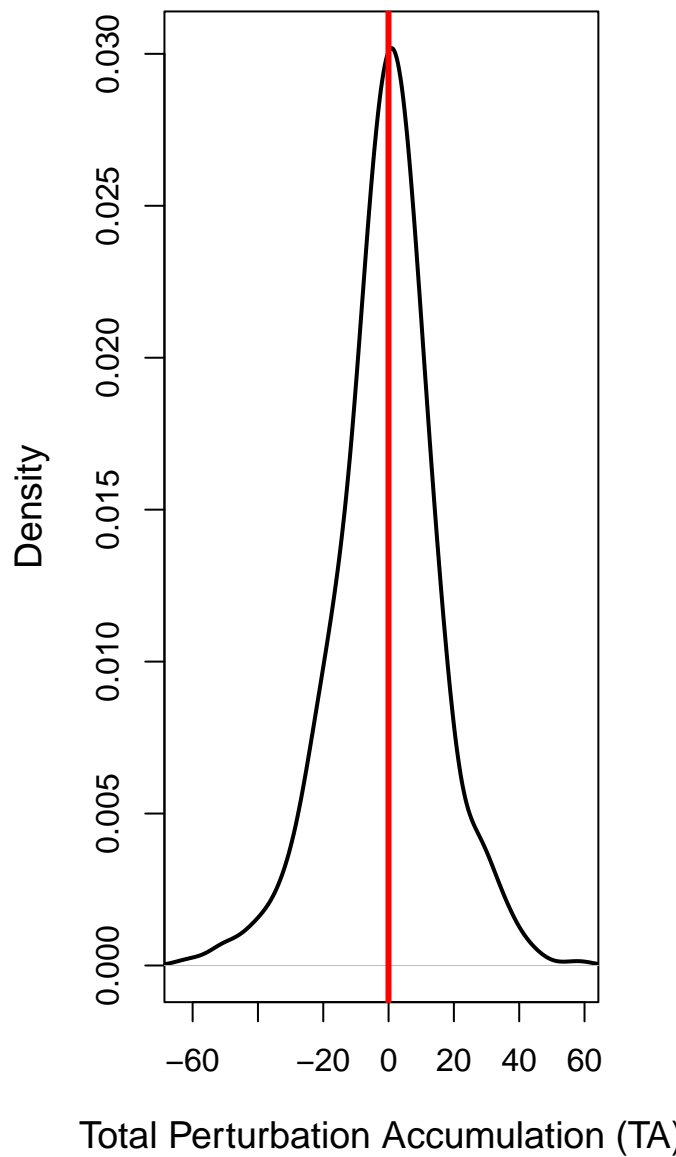
pathway ID=04913 P PERT=0.186



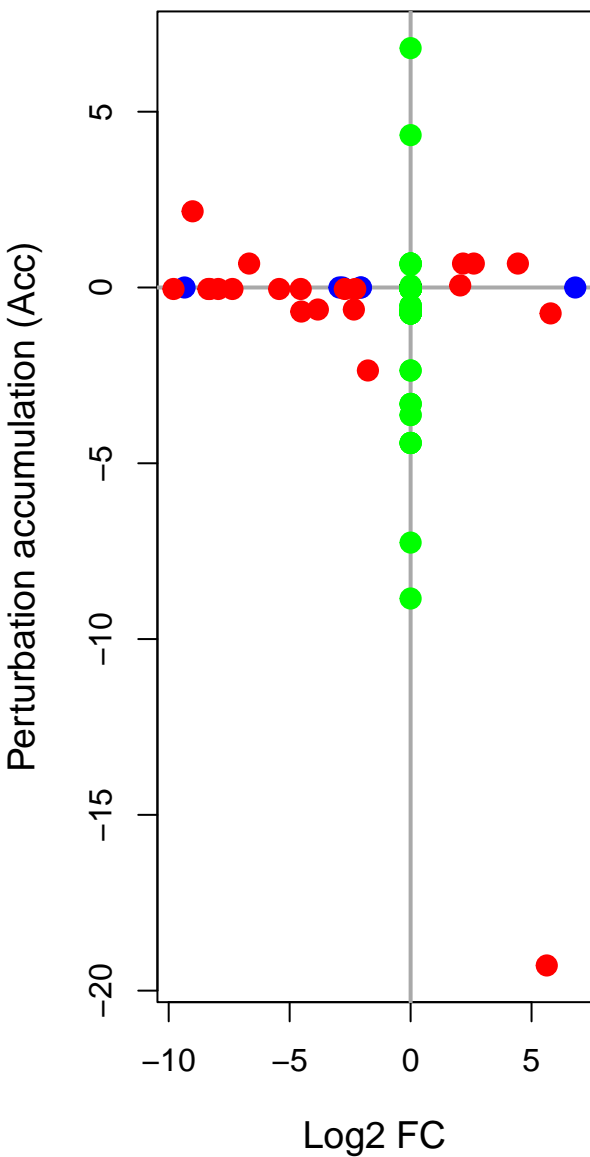
pathway ID=04914



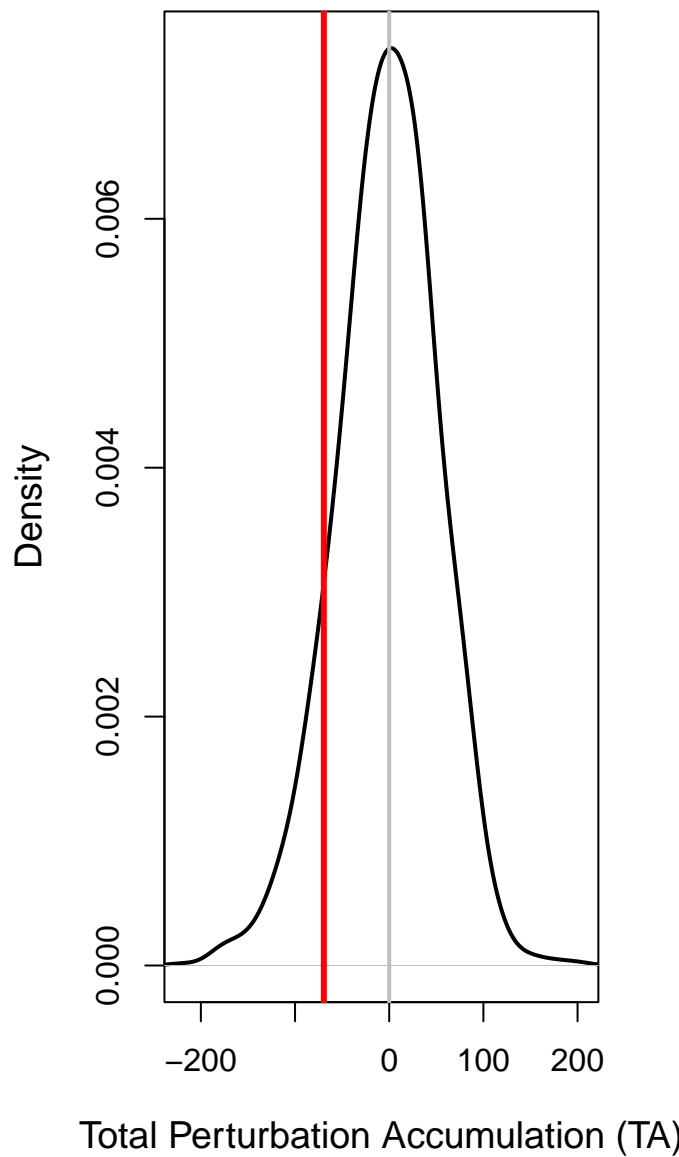
pathway ID=04914 P PERT=0.998



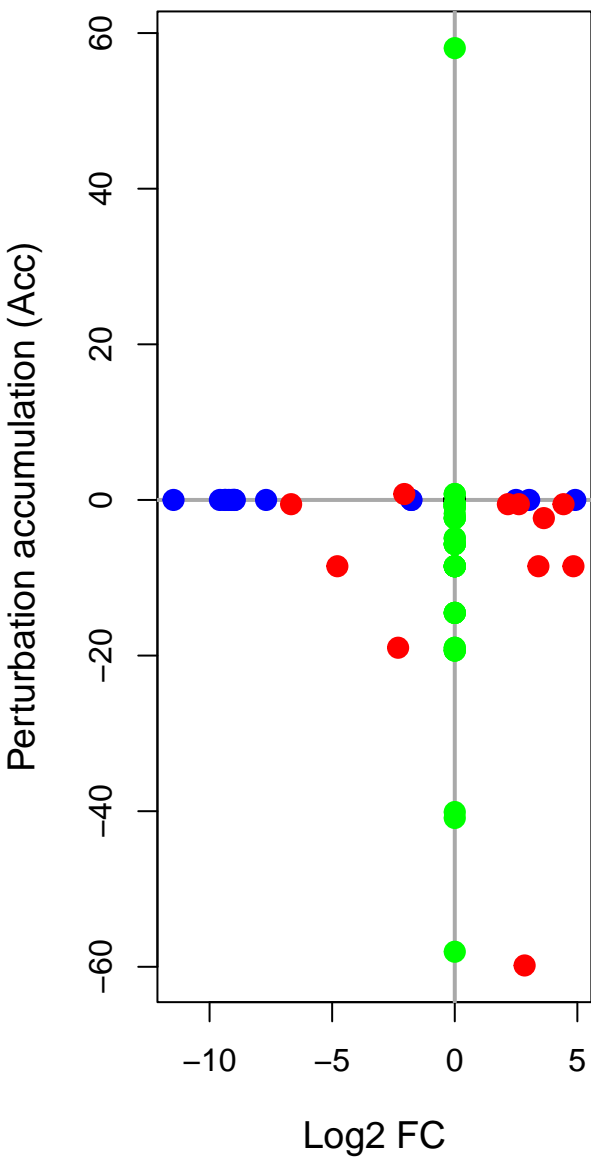
pathway ID=04915



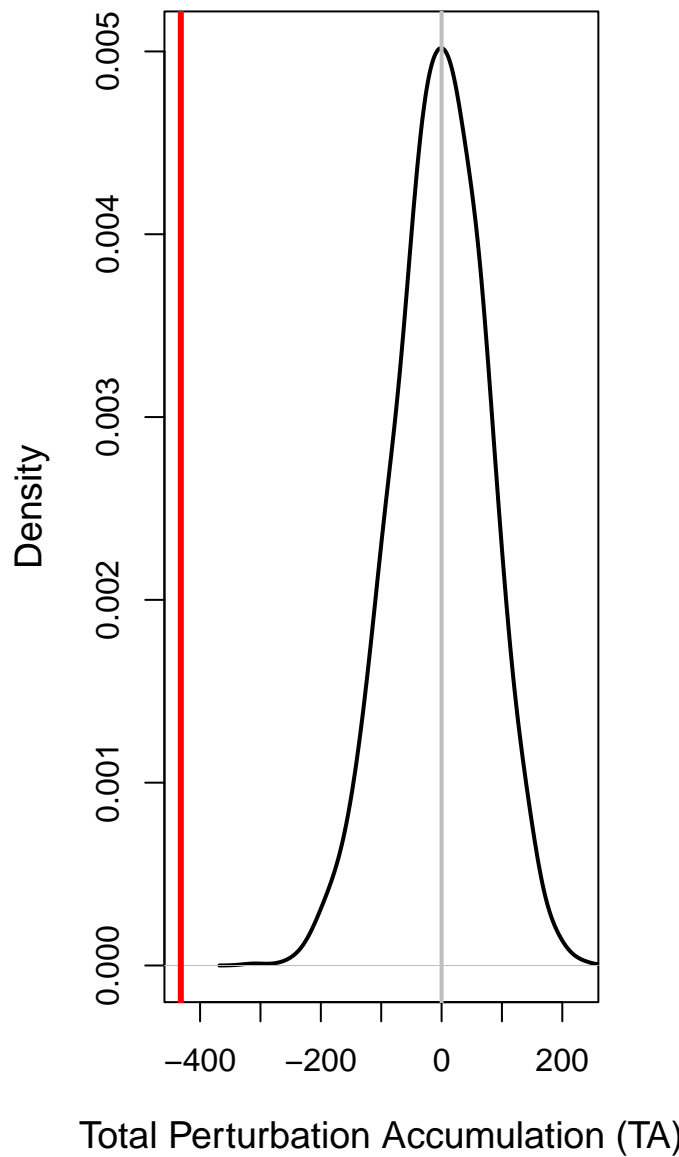
pathway ID=04915 P PERT=0.216



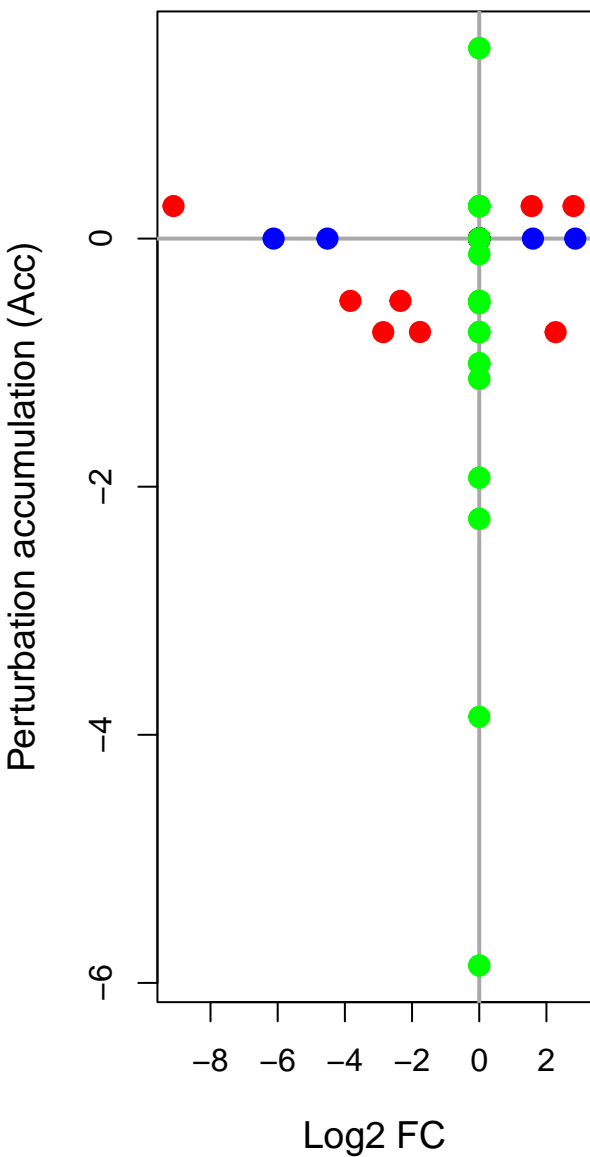
pathway ID=04916



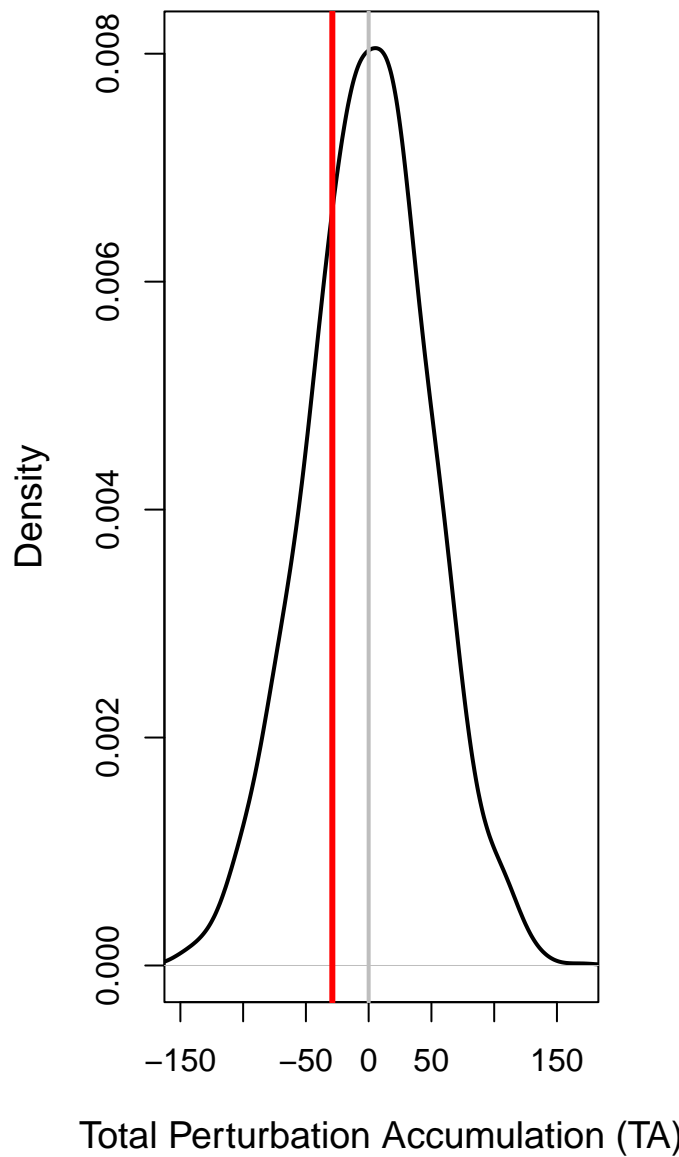
pathway ID=04916 P PERT=0



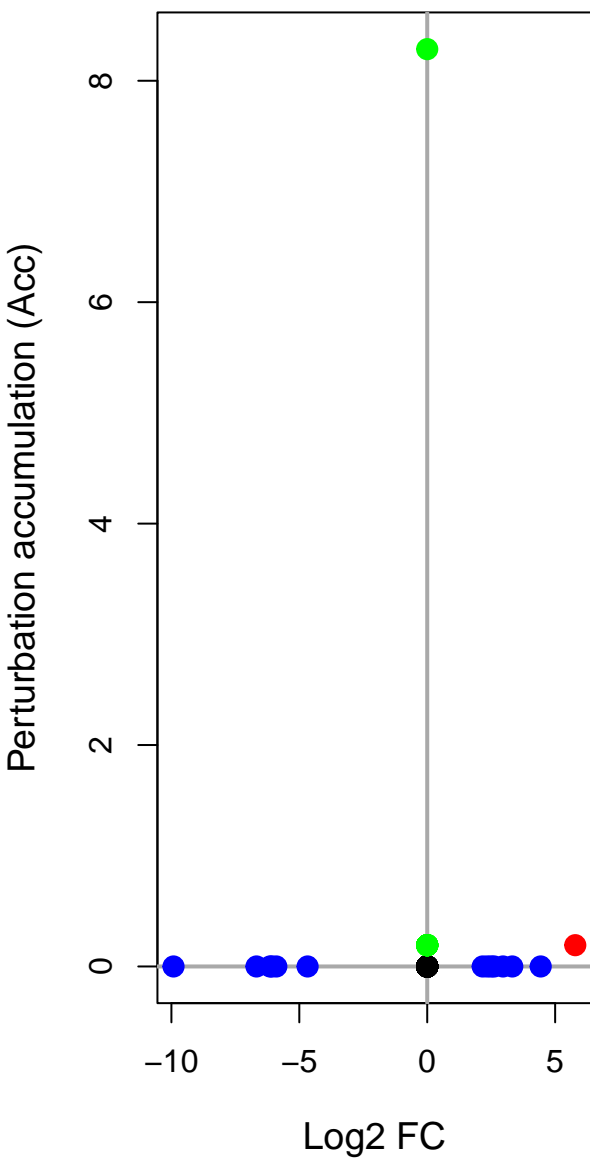
pathway ID=04917



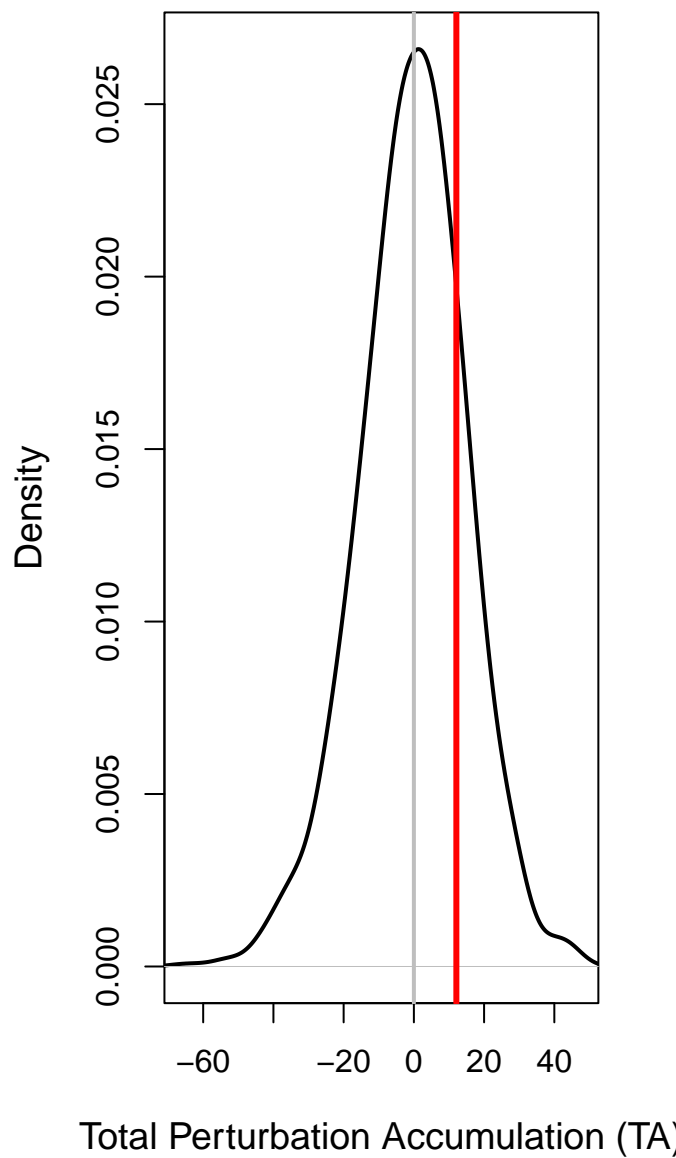
pathway ID=04917 P PERT=0.546



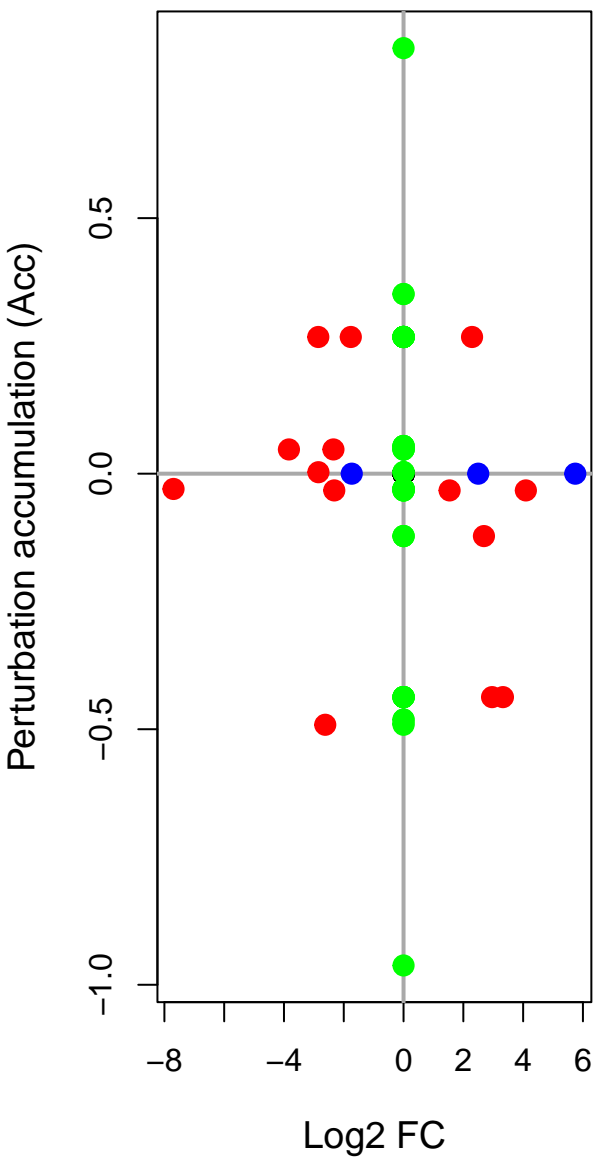
pathway ID=04918



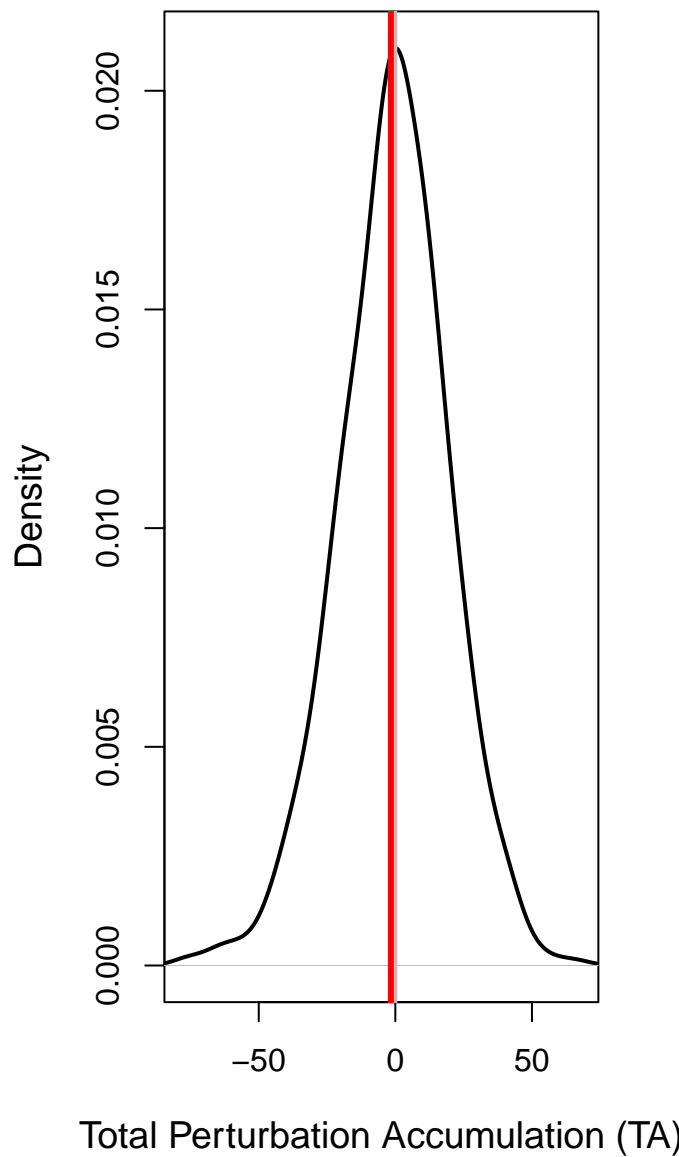
pathway ID=04918 P PERT=0.389



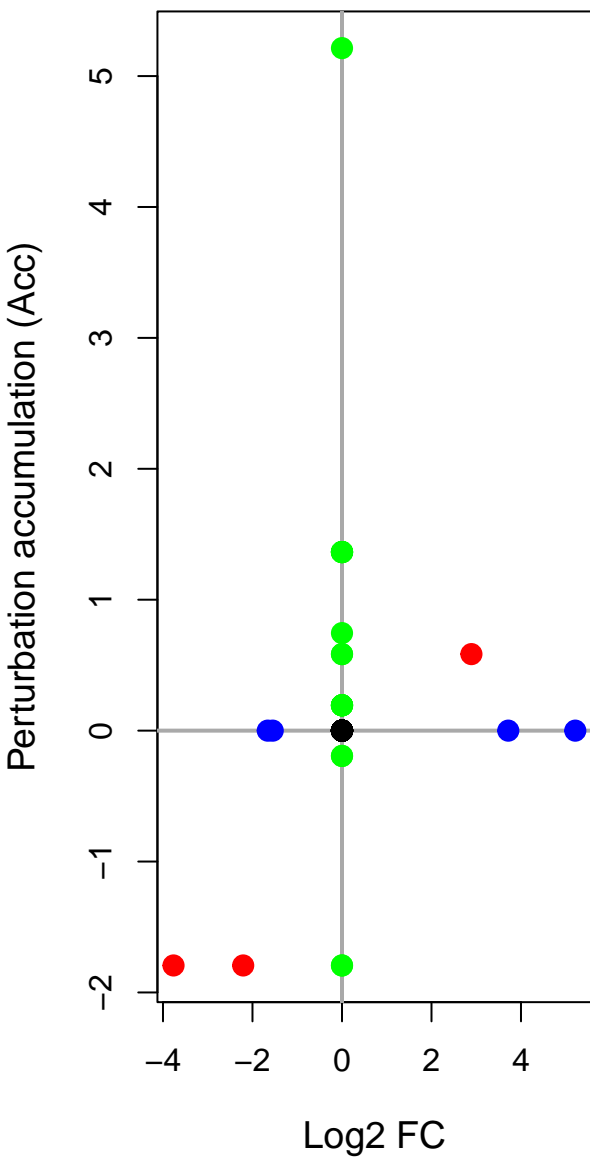
pathway ID=04919



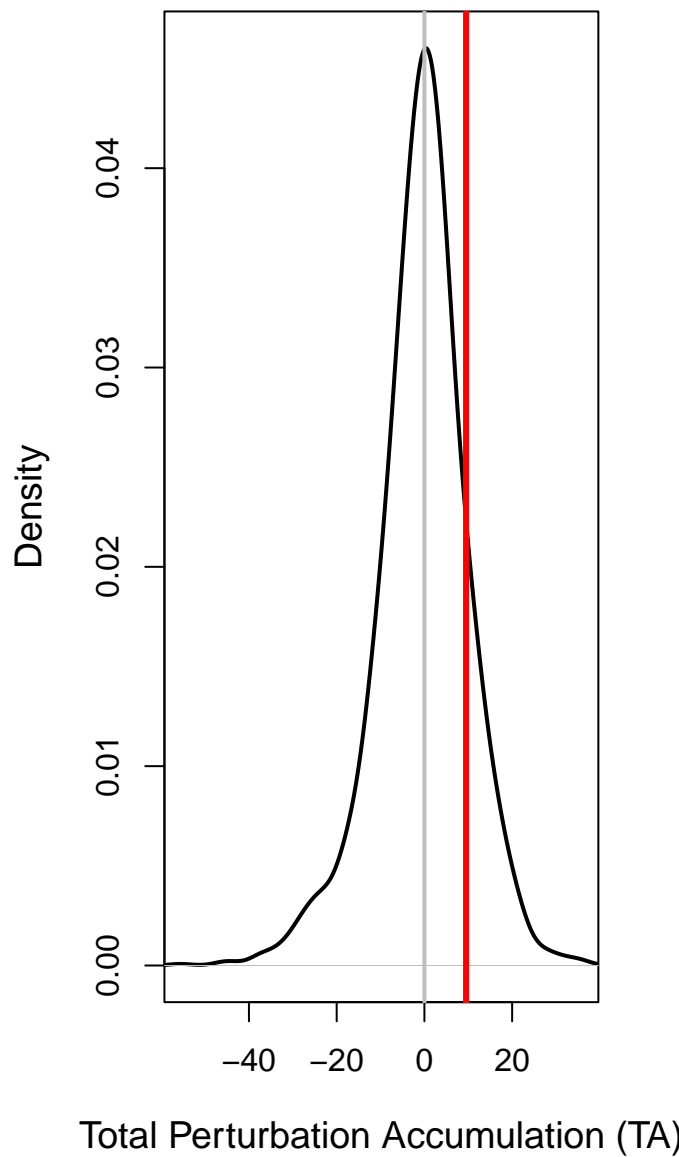
pathway ID=04919 P PERT=0.927



pathway ID=04920

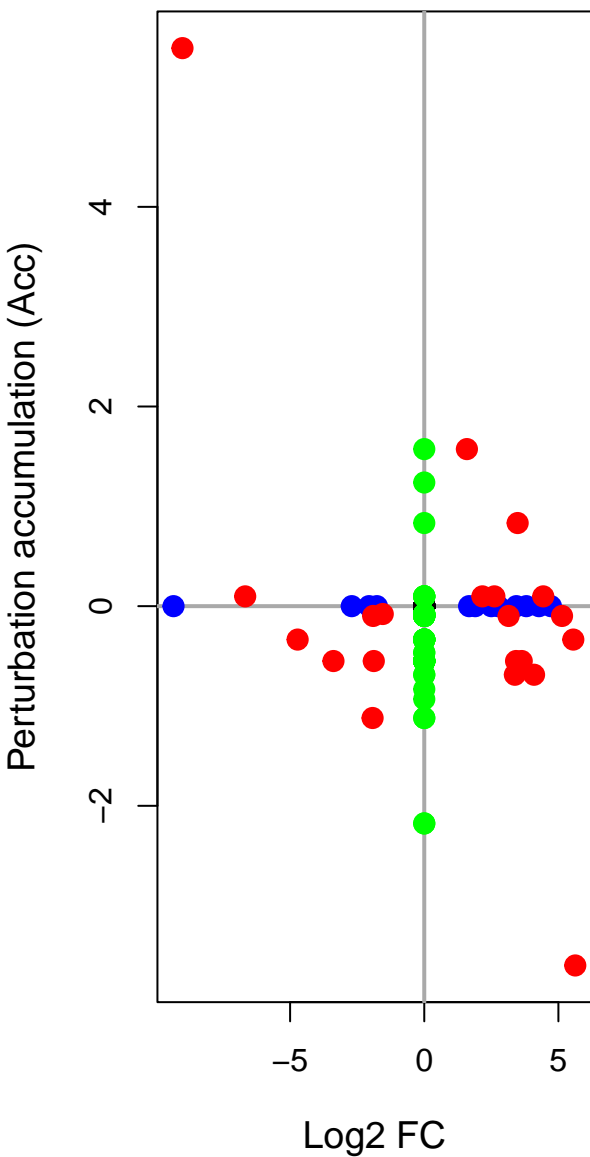


pathway ID=04920 P PERT=0.286

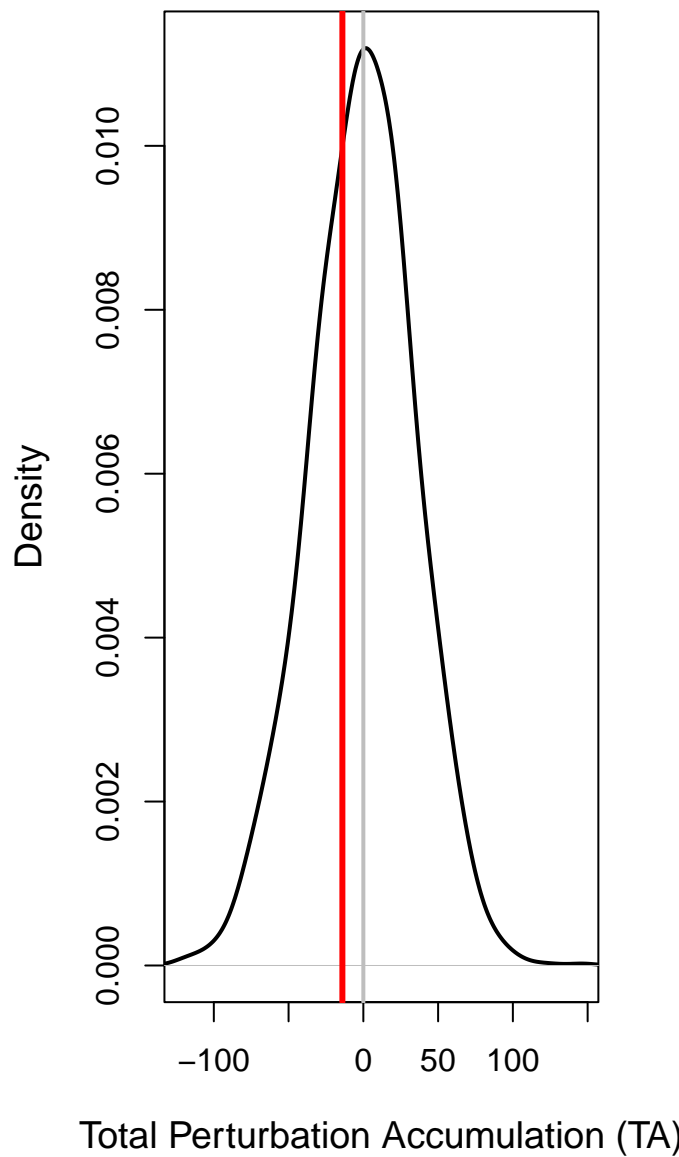




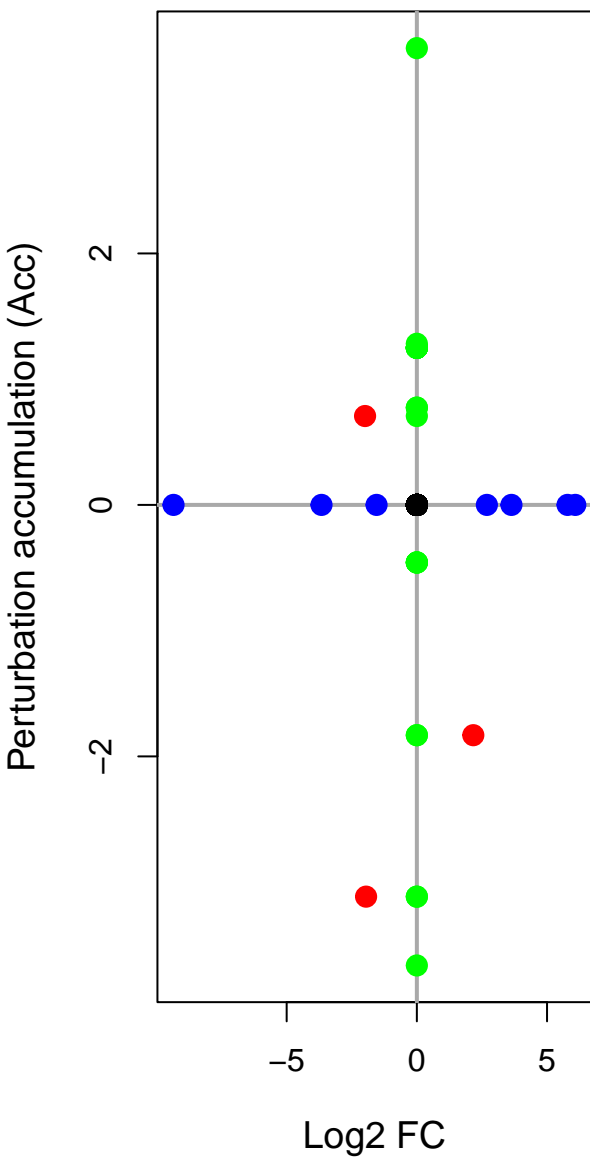
pathway ID=04921



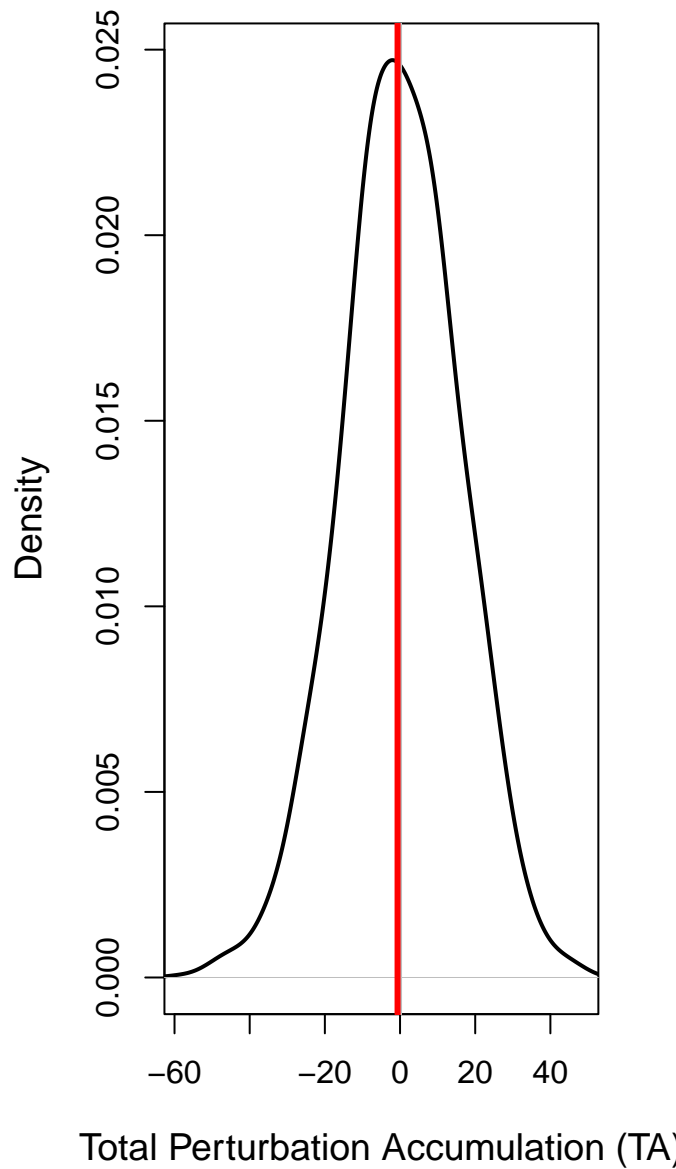
pathway ID=04921 P PERT=0.683



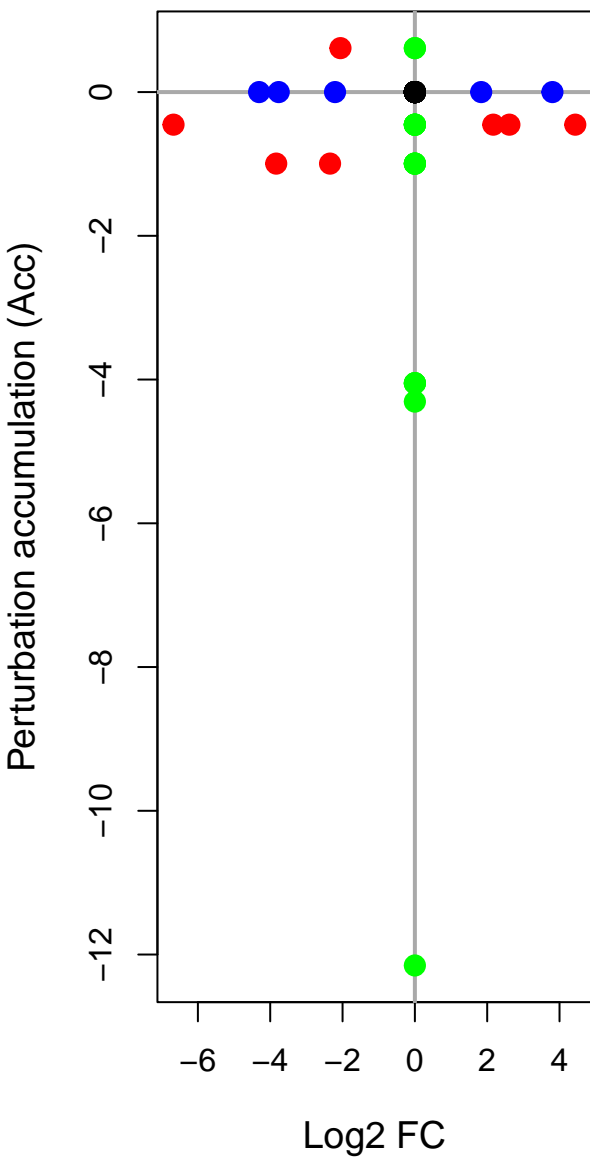
pathway ID=04922



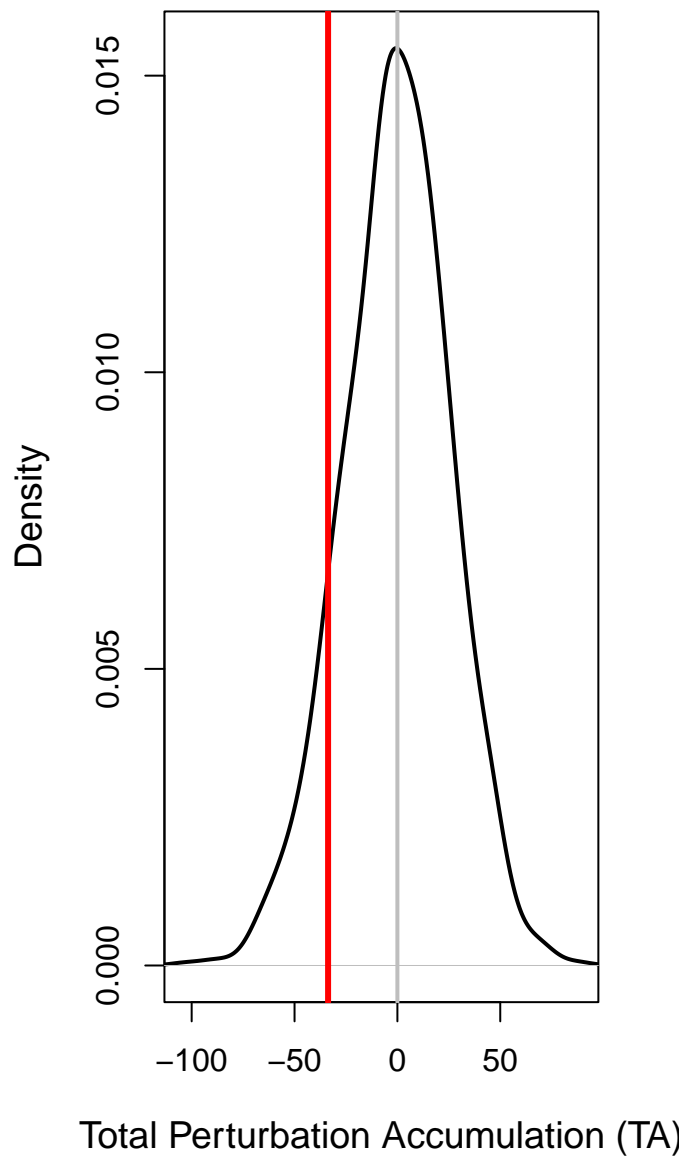
pathway ID=04922 P PERT=0.964



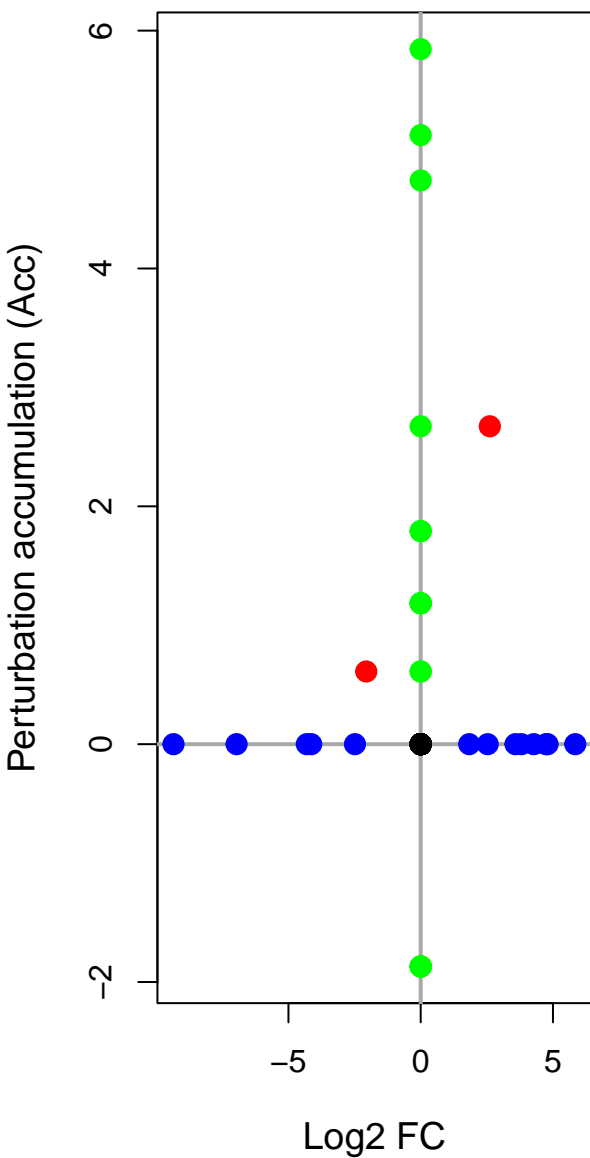
pathway ID=04923



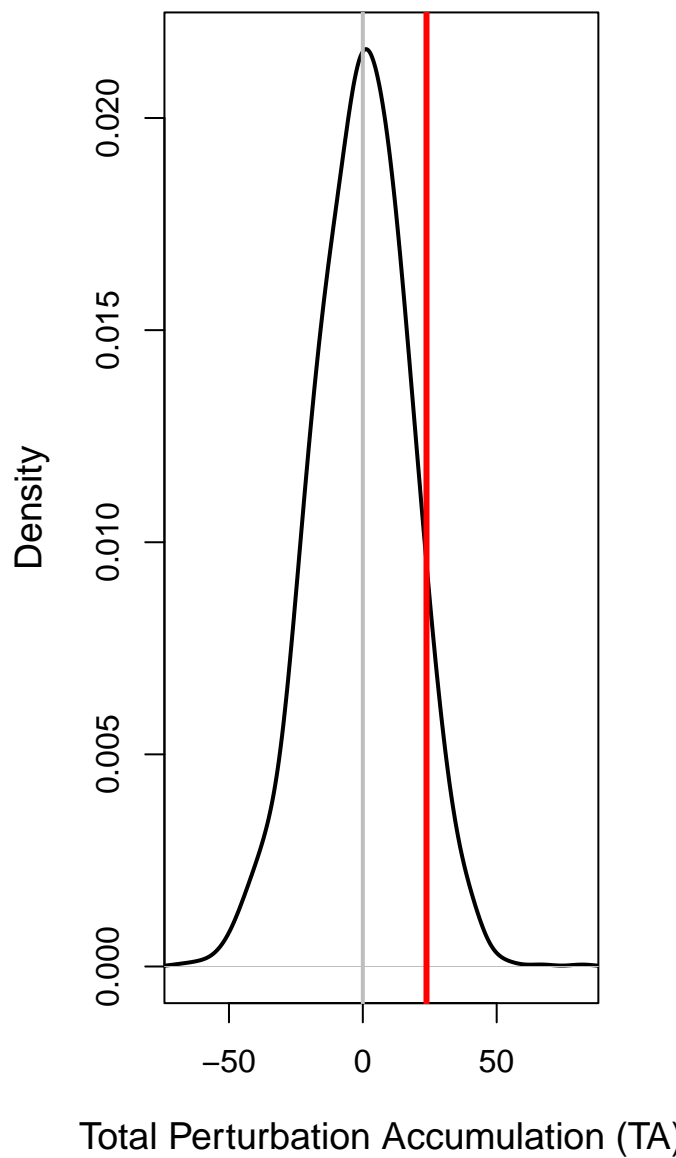
pathway ID=04923 P PERT=0.207



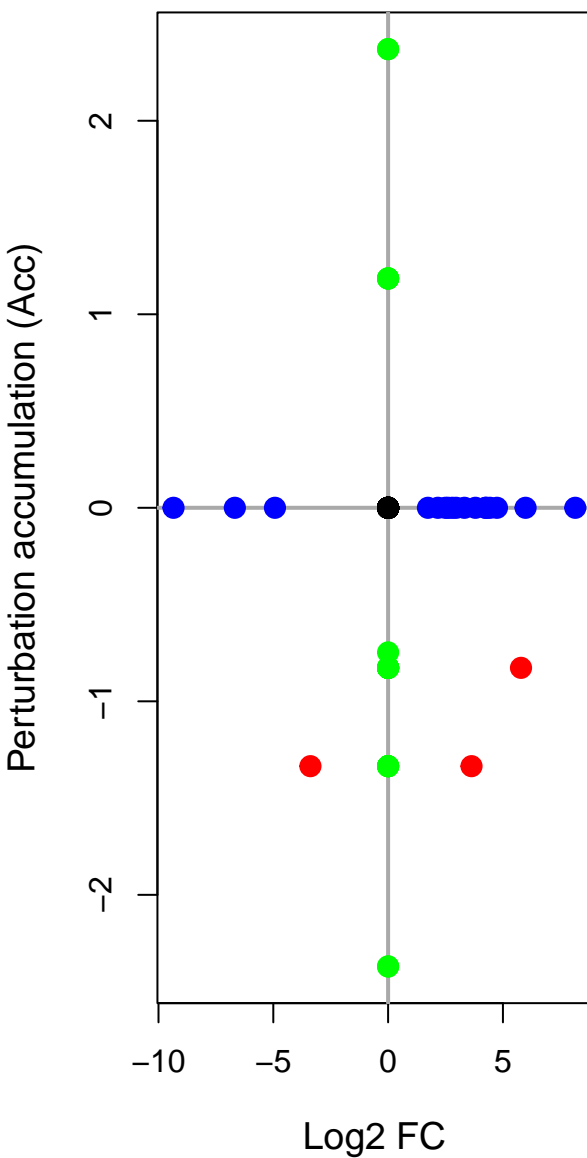
pathway ID=04924



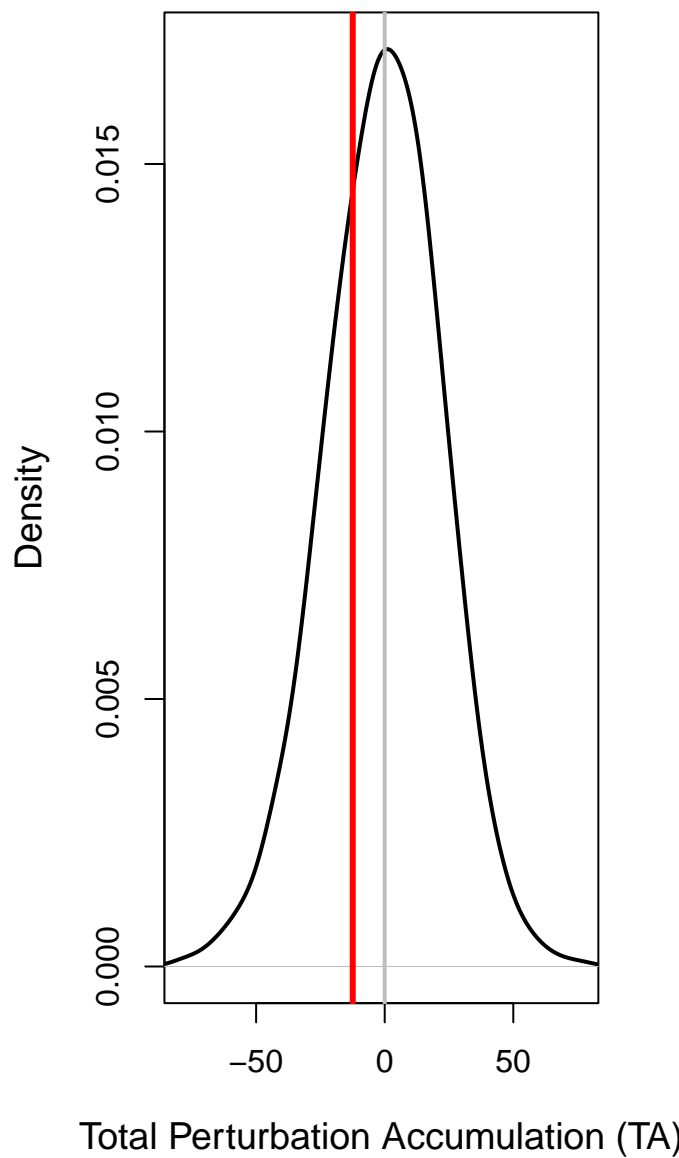
pathway ID=04924 P PERT=0.168



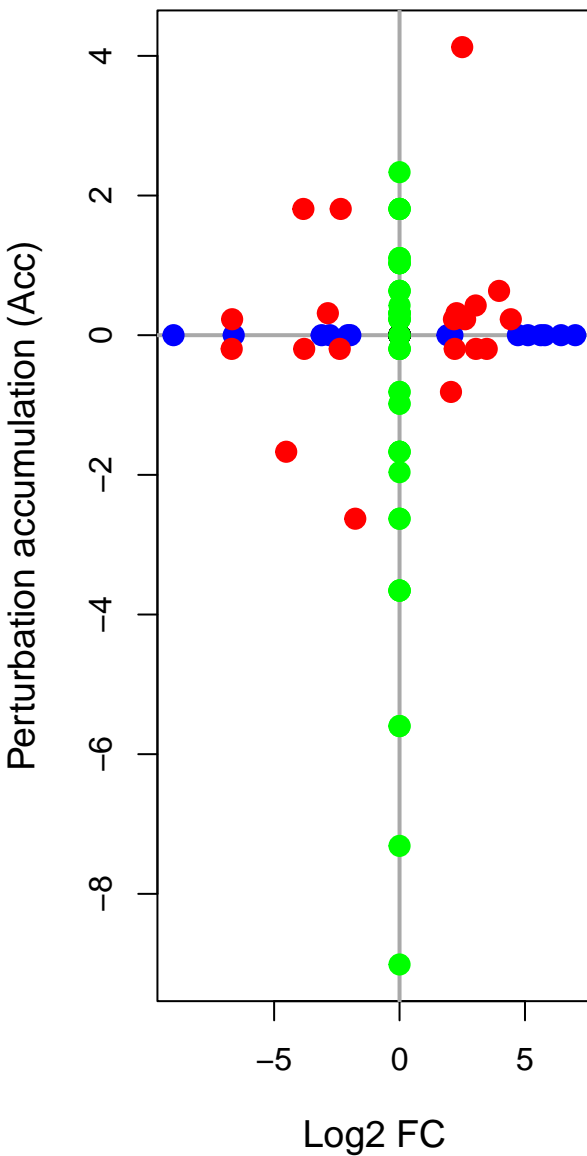
pathway ID=04925



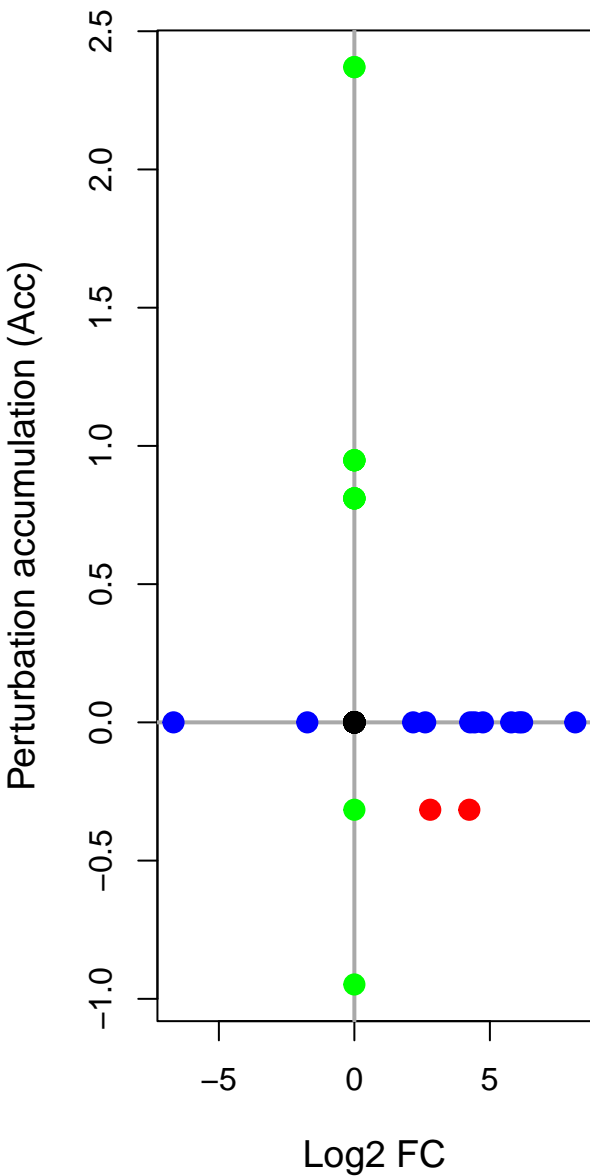
pathway ID=04925 P PERT=0.594



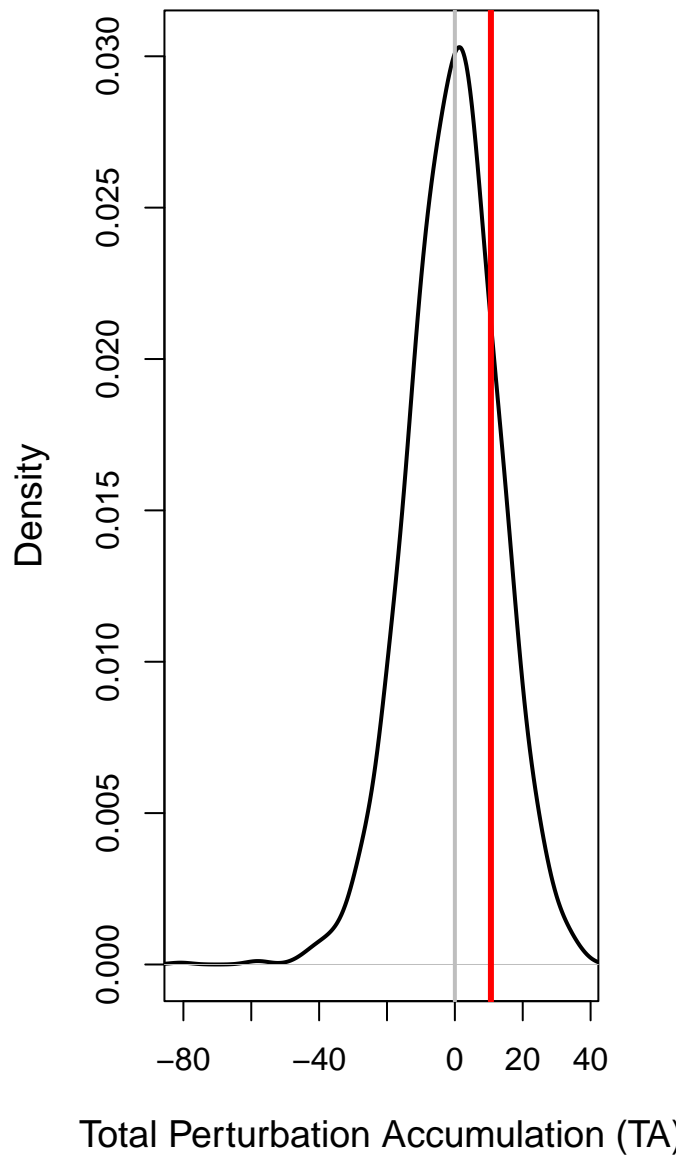
pathway ID=04926



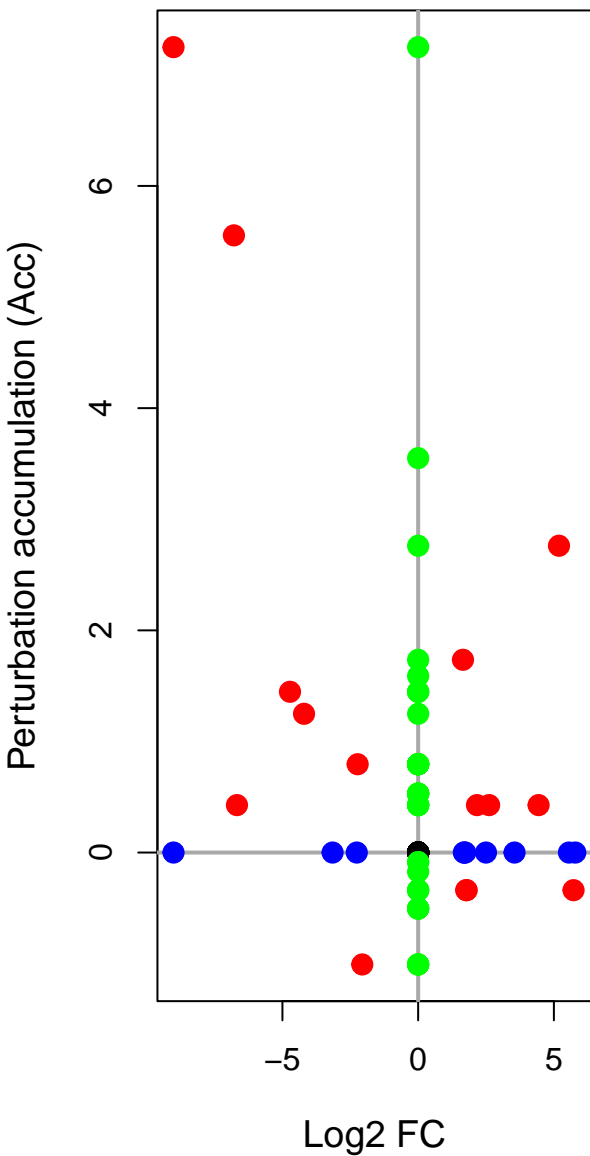
pathway ID=04927



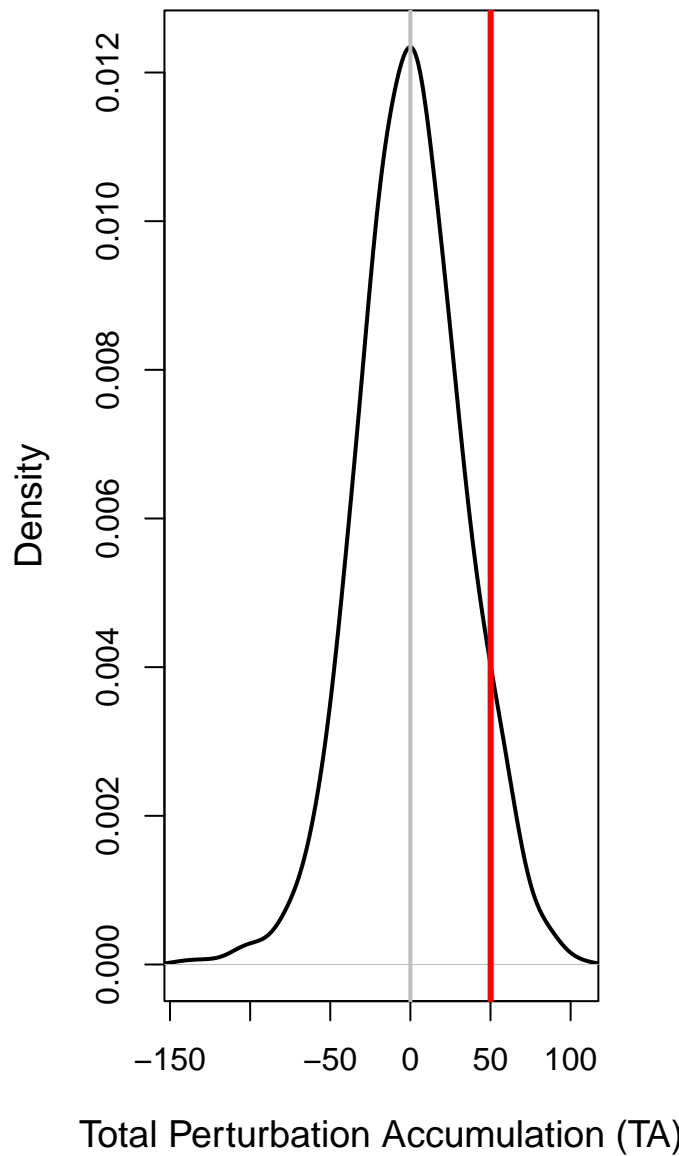
pathway ID=04927 P PERT=0.392



pathway ID=04928

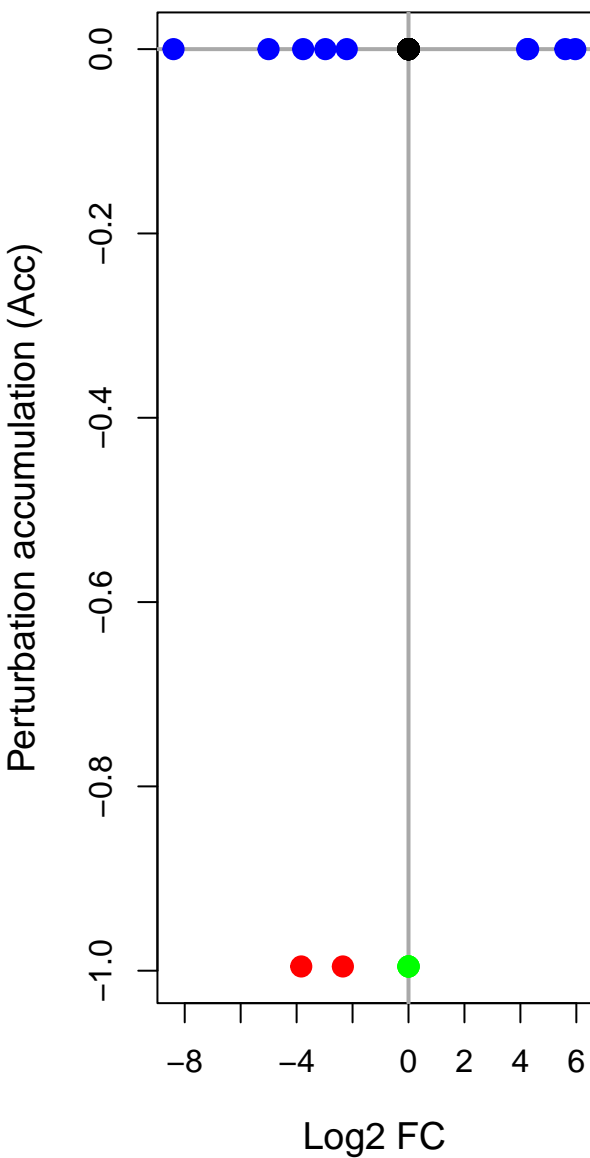


pathway ID=04928 P PERT=0.144

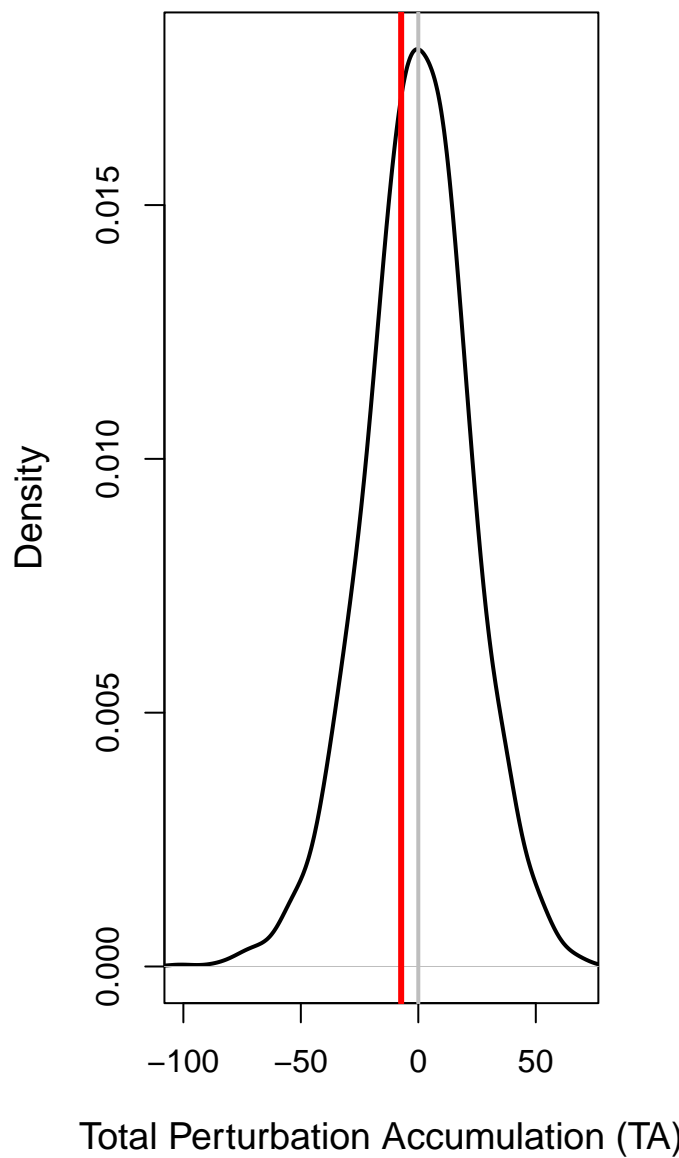




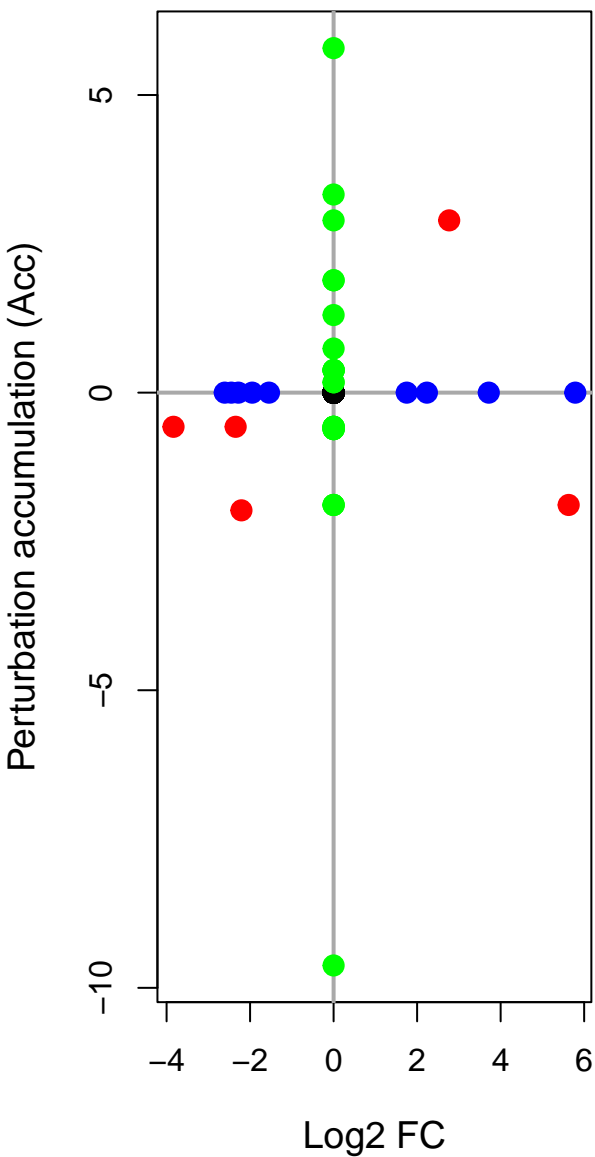
pathway ID=04930



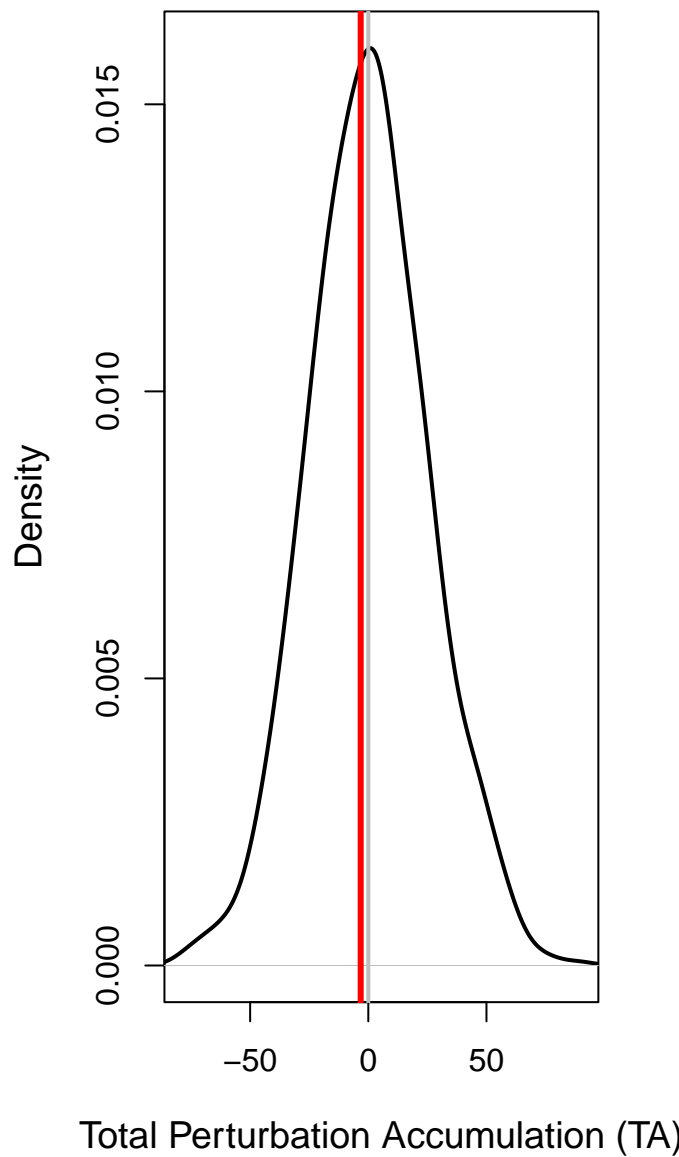
pathway ID=04930 P PERT=0.724



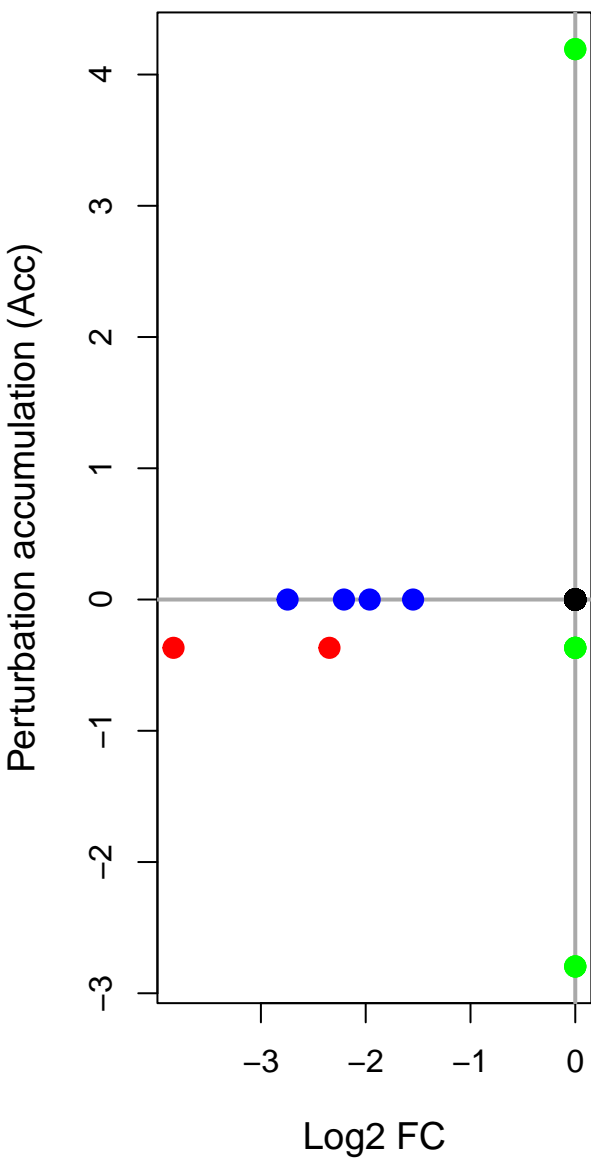
pathway ID=04931



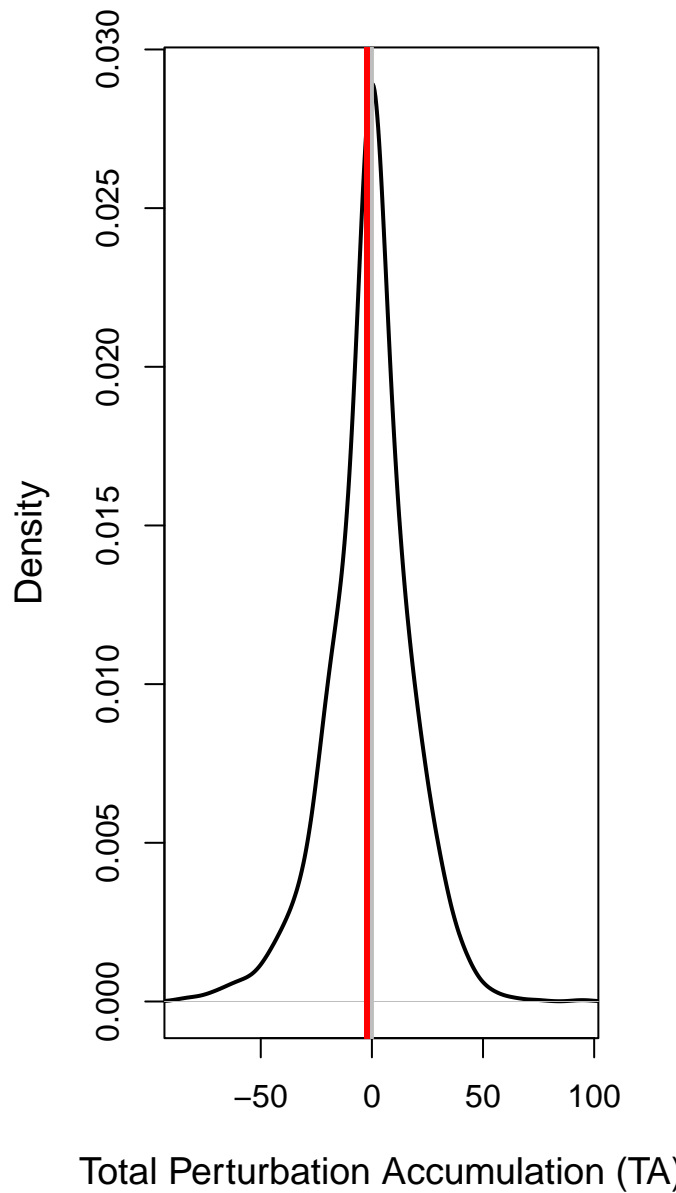
pathway ID=04931 P PERT=0.899



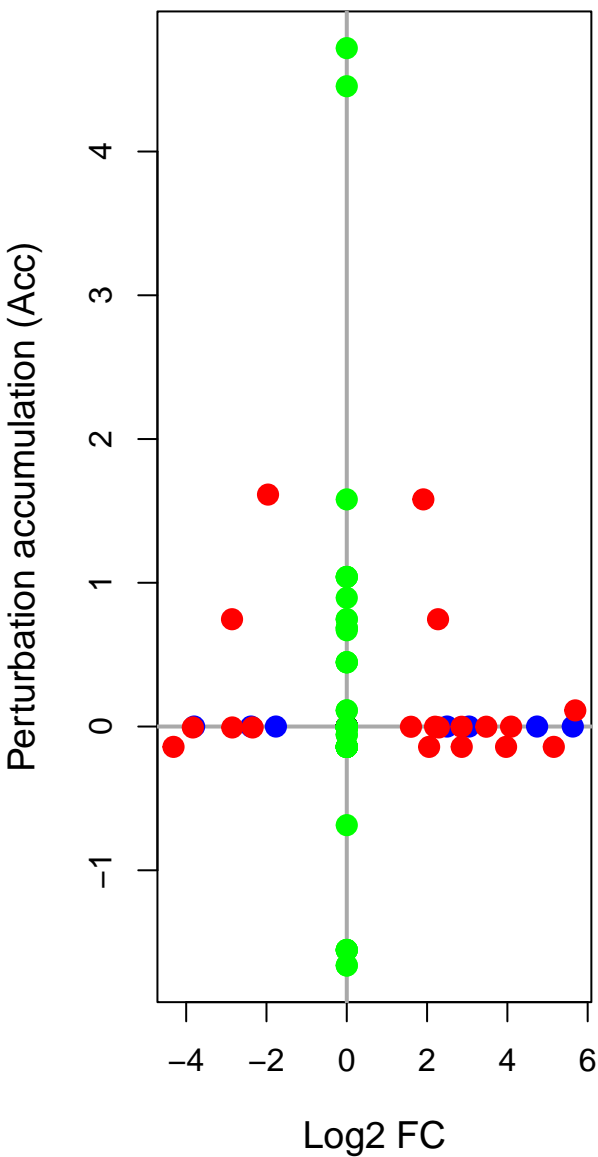
pathway ID=04932



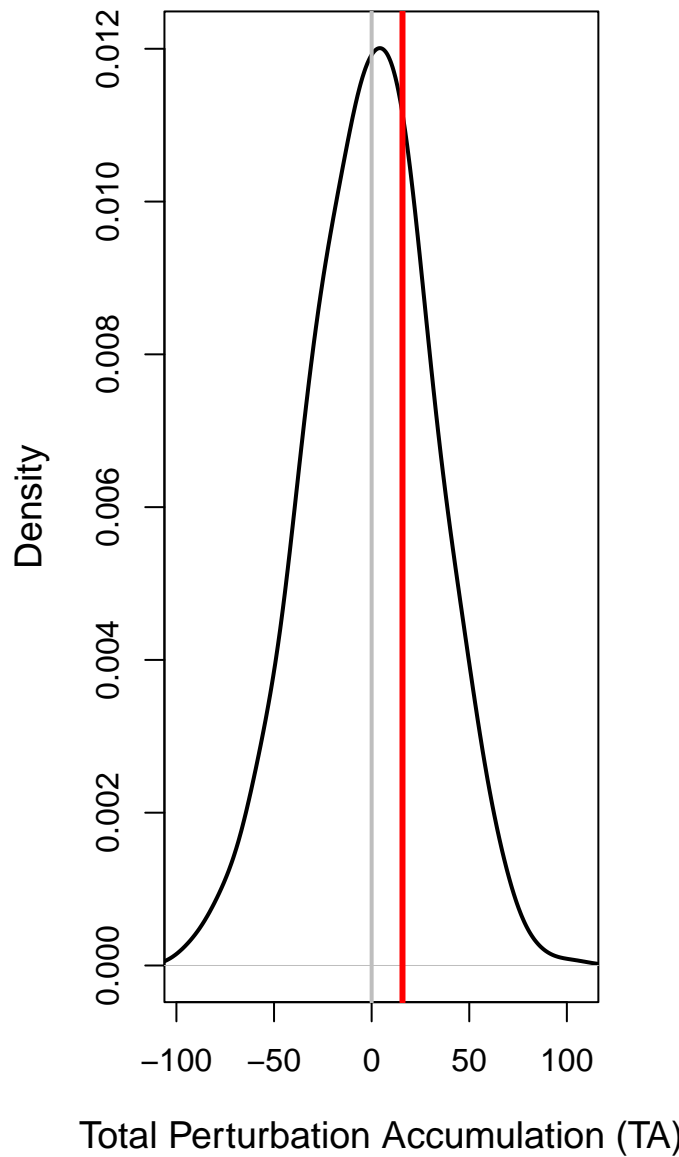
pathway ID=04932 P PERT=0.837



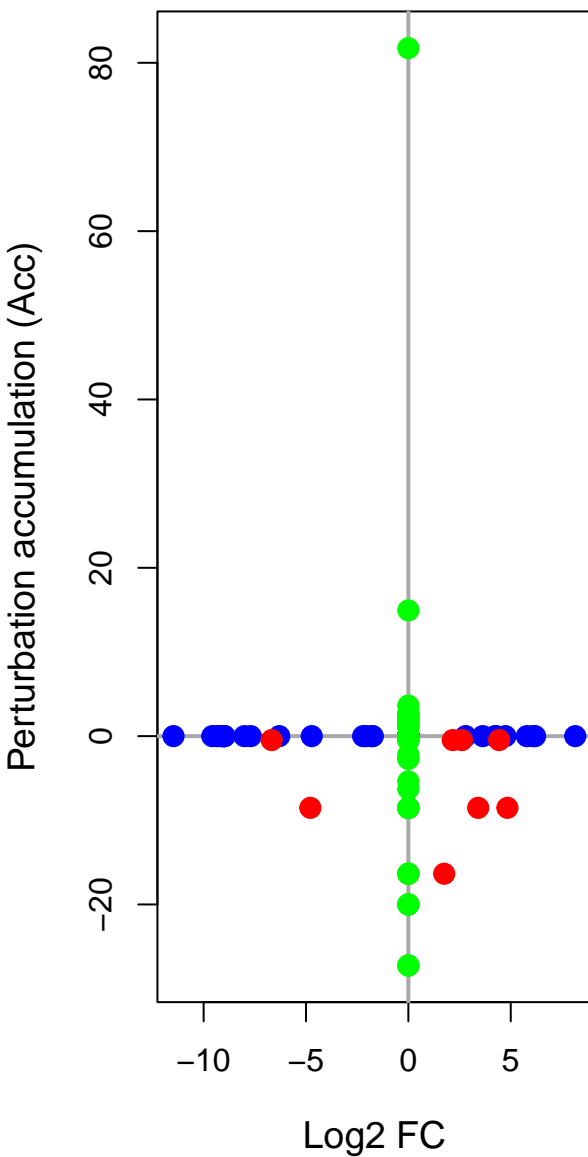
pathway ID=04933



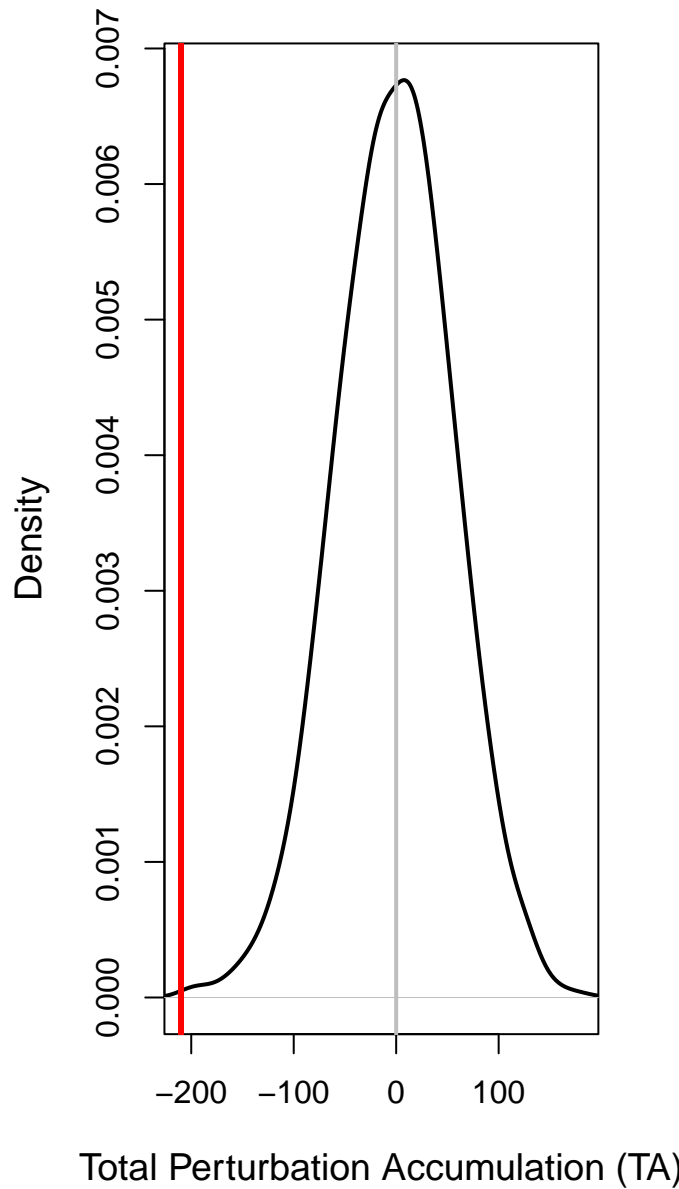
pathway ID=04933 P PERT=0.617



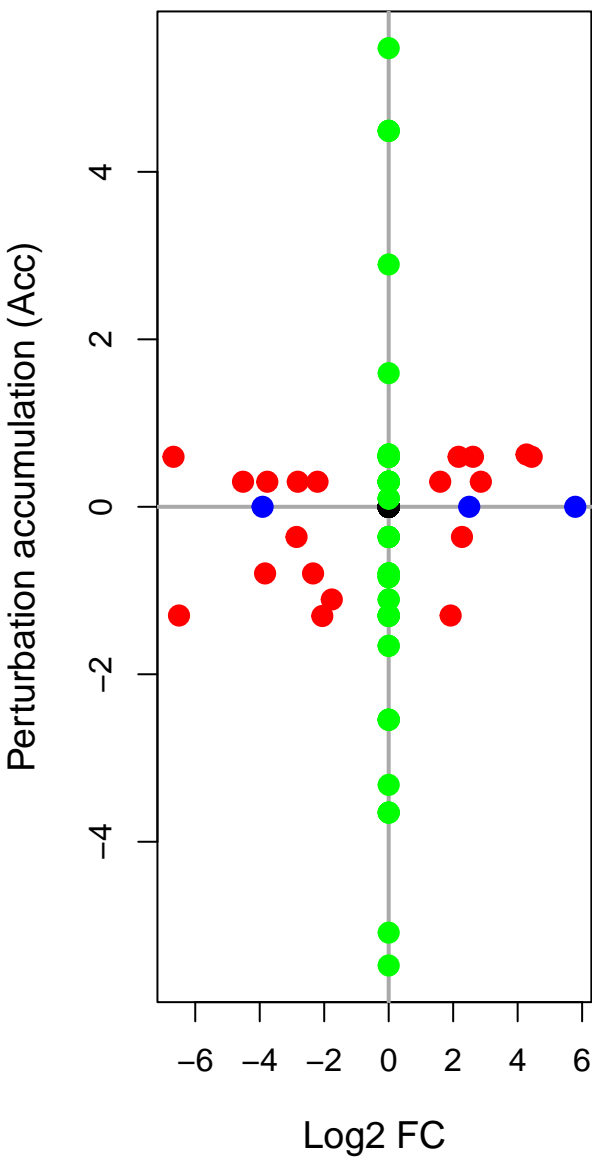
pathway ID=04934



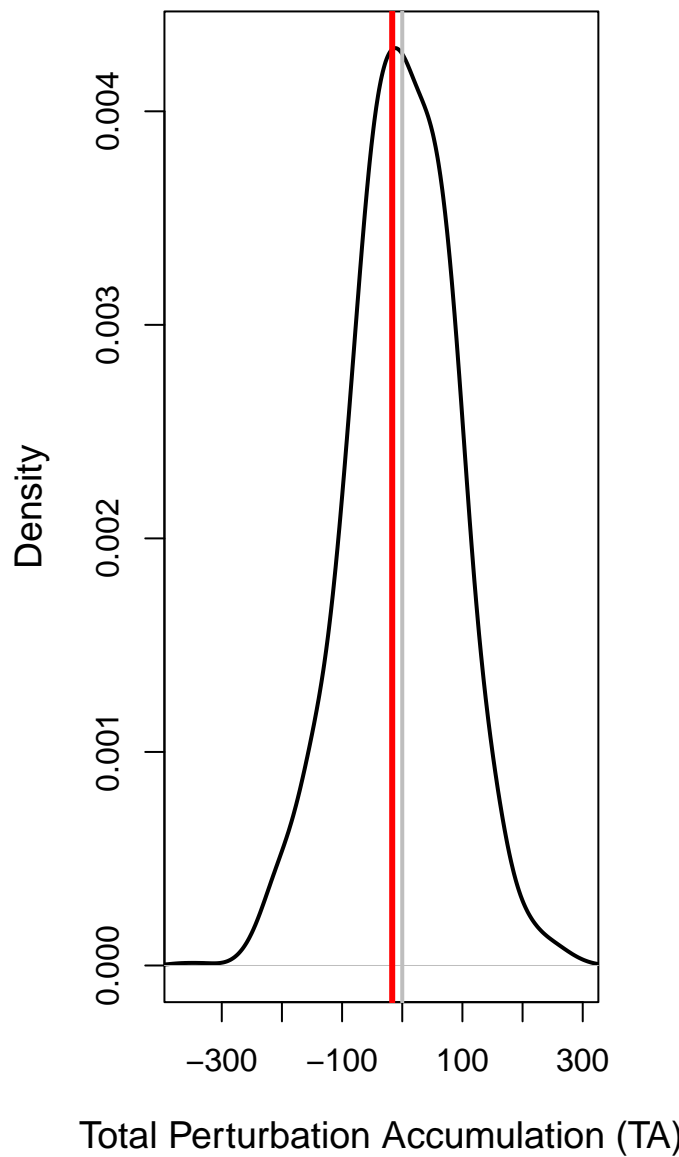
pathway ID=04934 P PERT=0



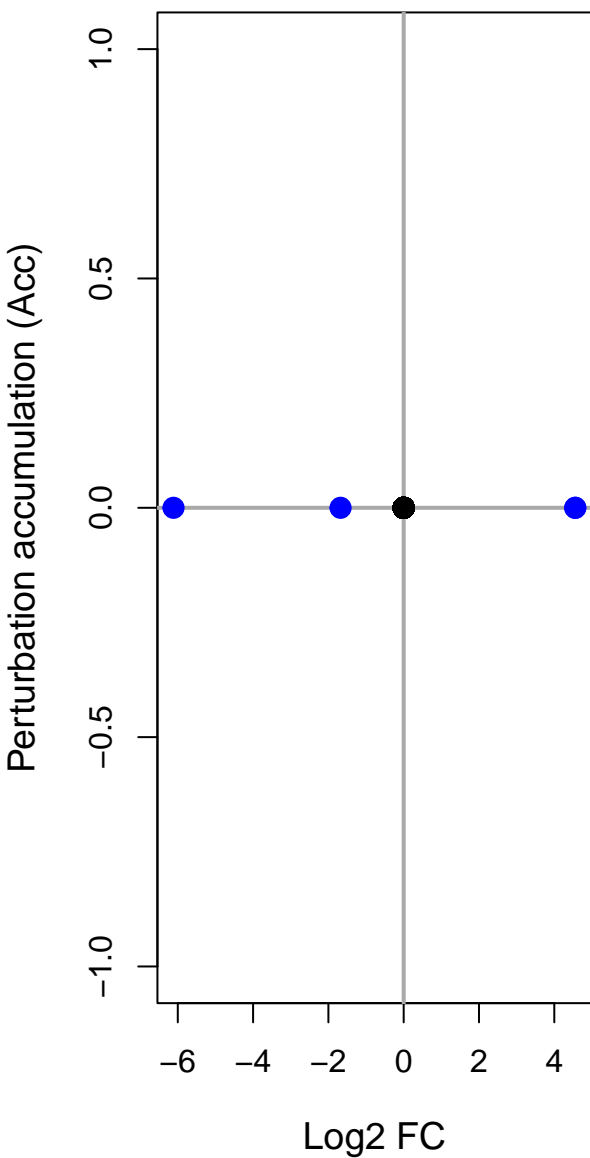
pathway ID=04935



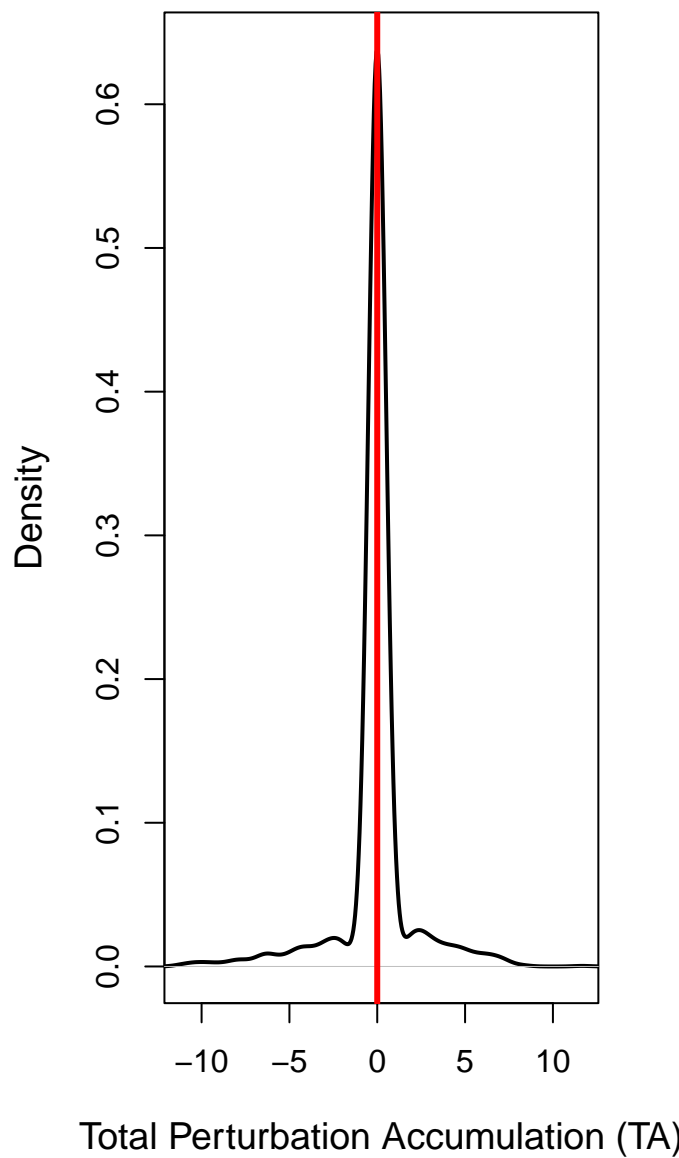
pathway ID=04935 P PERT=0.85



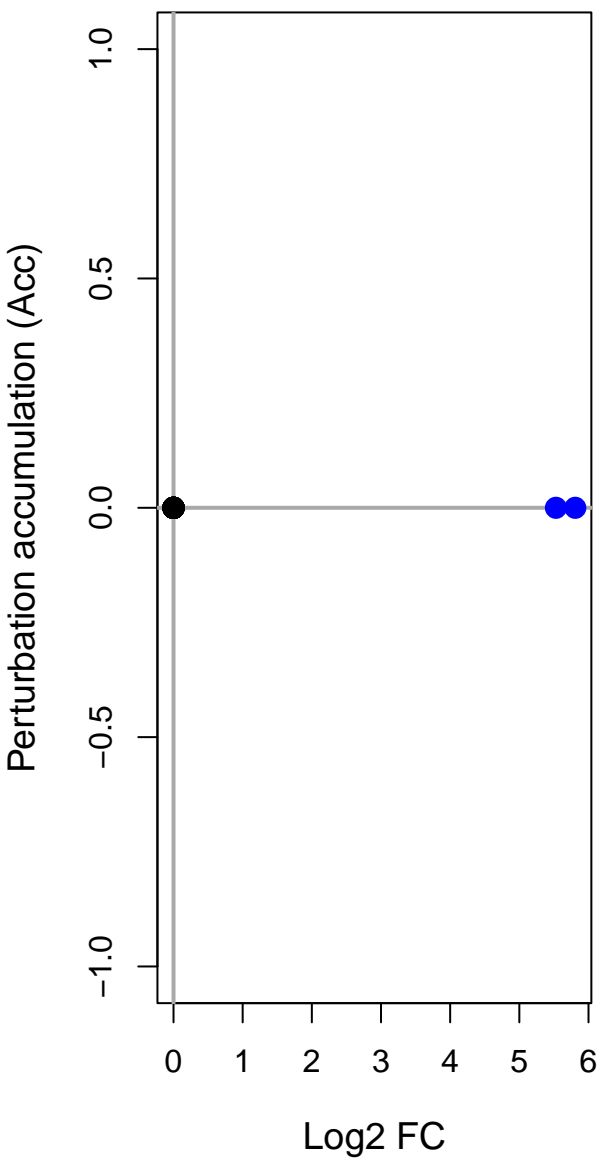
pathway ID=04940



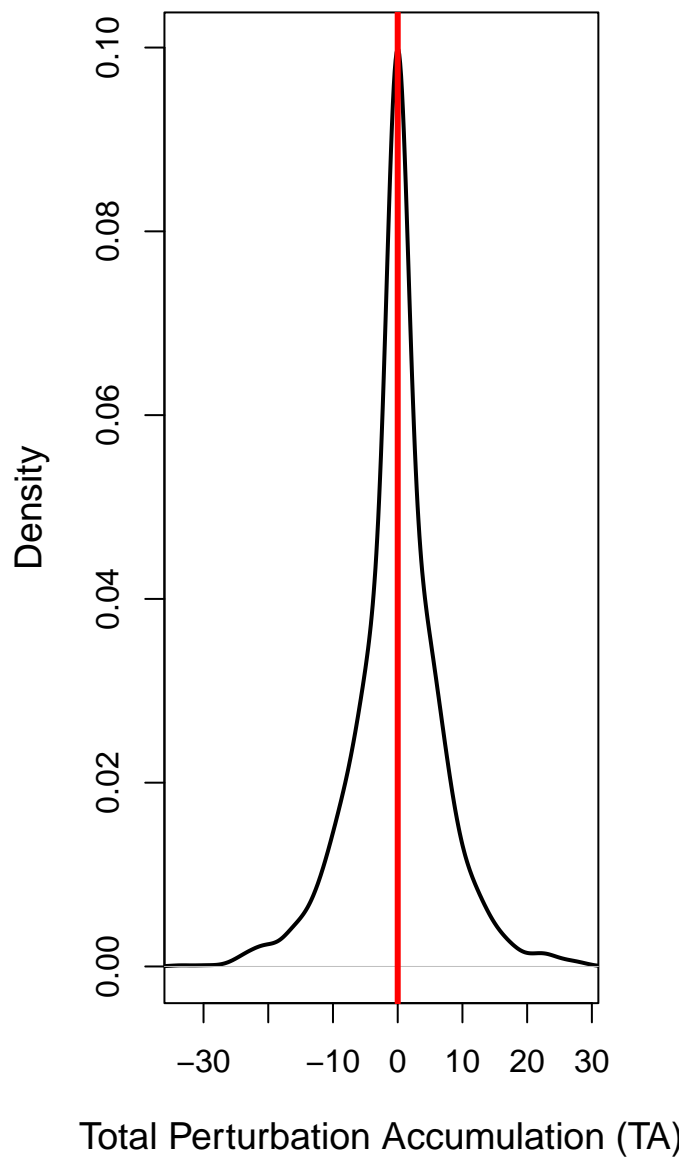
pathway ID=04940 P PERT=1



pathway ID=04950

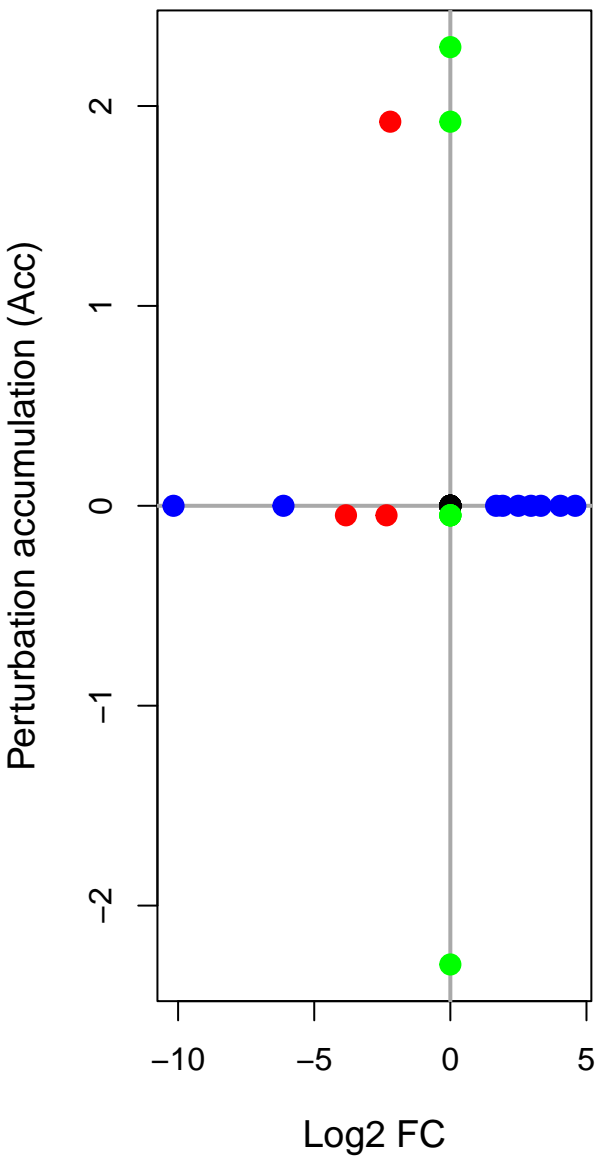


pathway ID=04950 P PERT=1

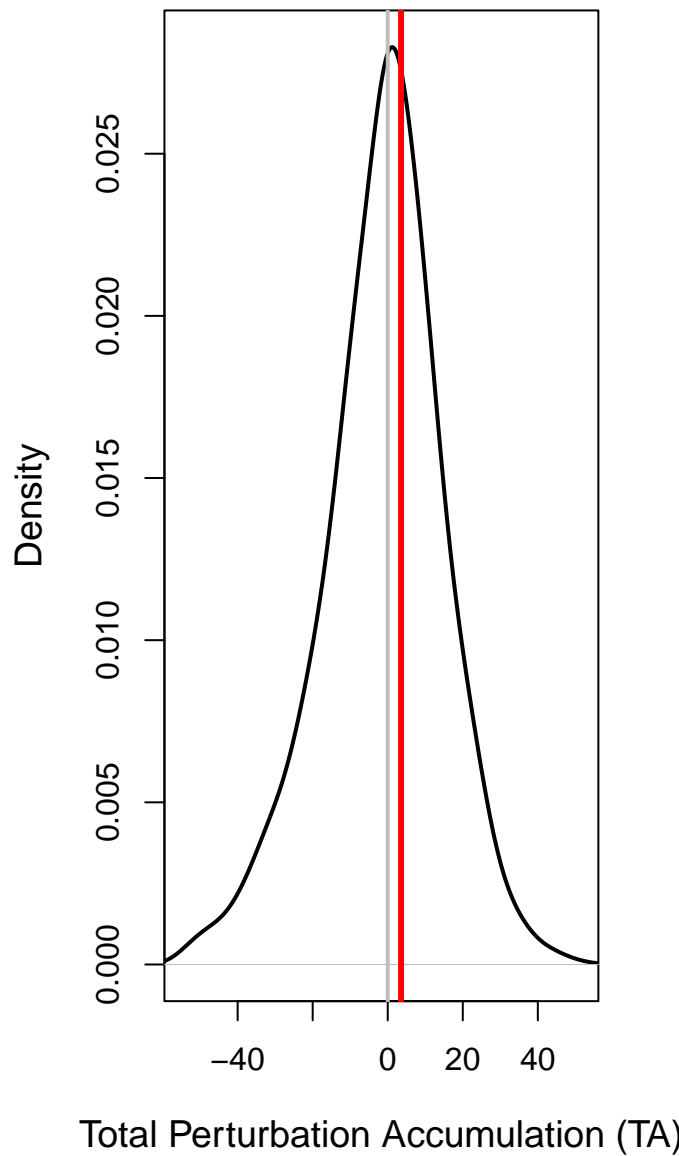




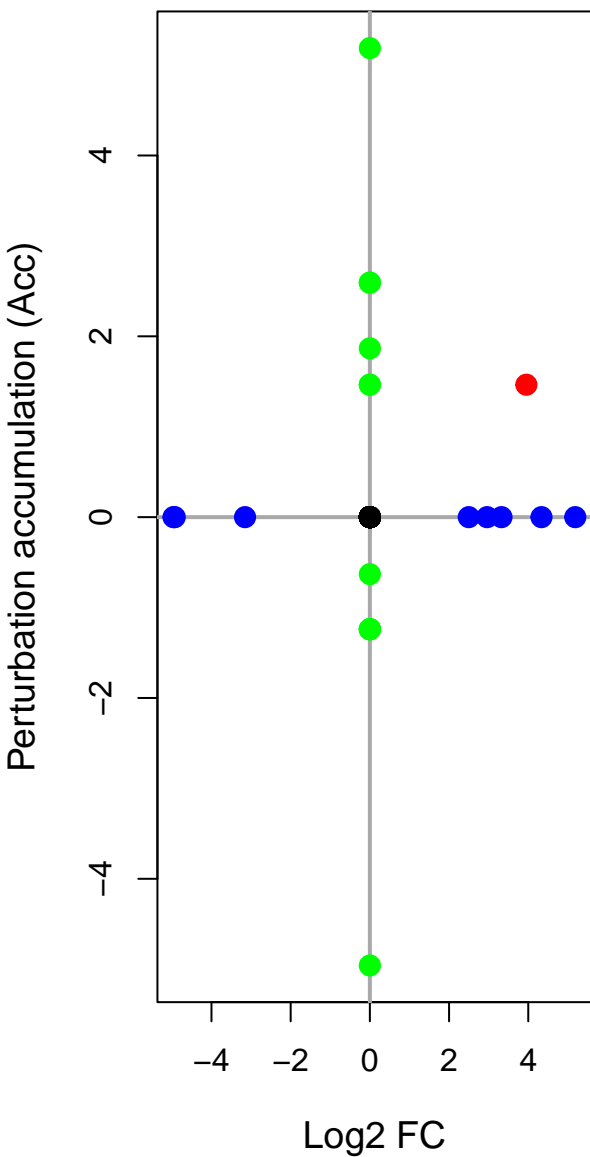
pathway ID=04960



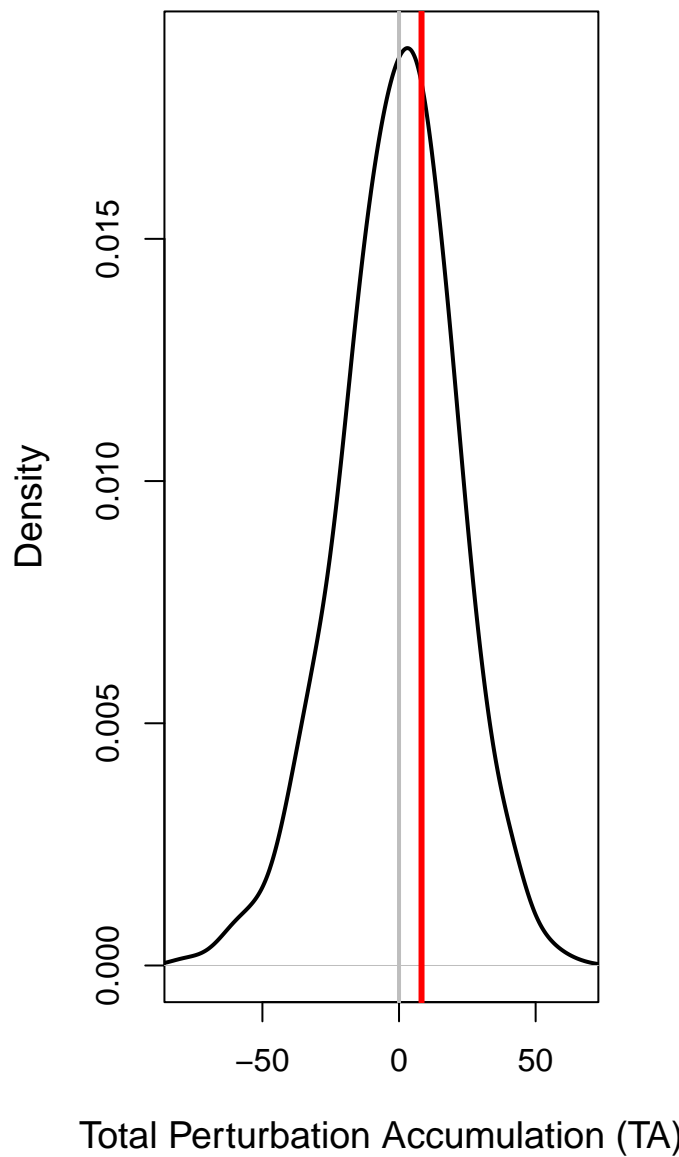
pathway ID=04960 P PERT=0.777



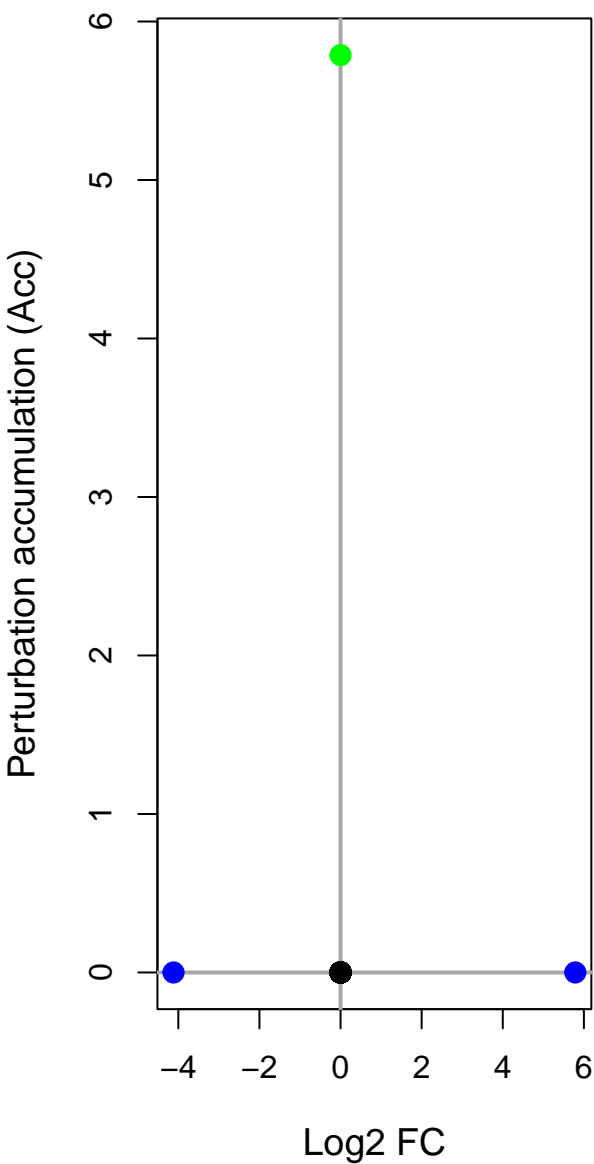
pathway ID=04961



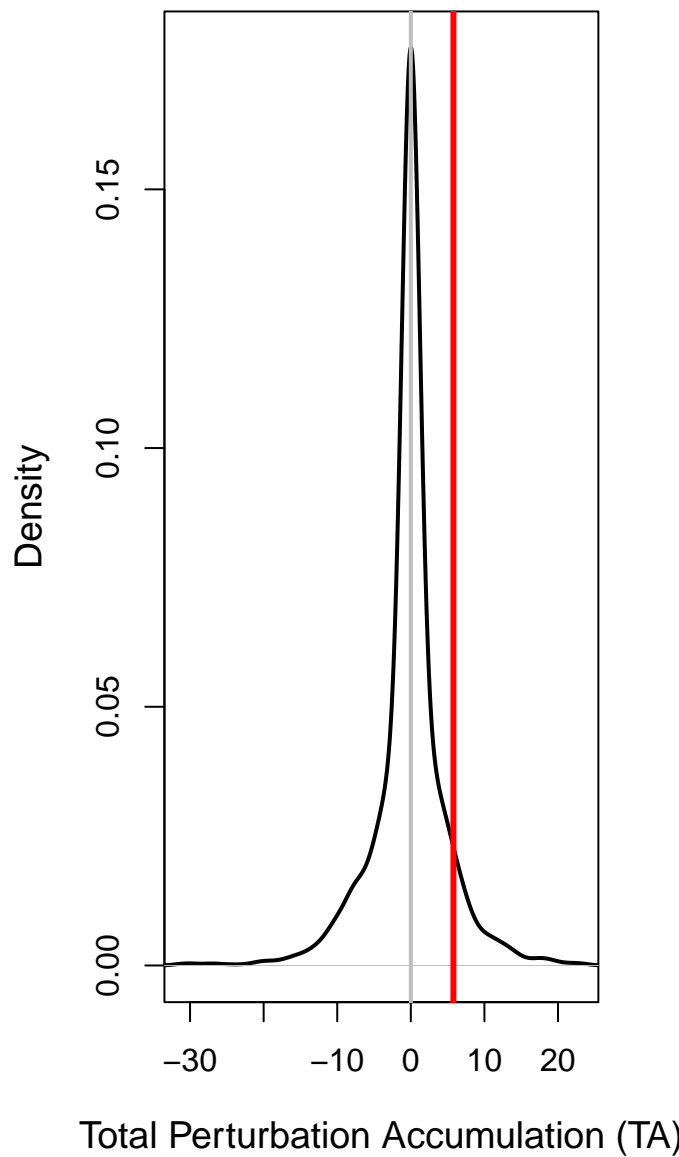
pathway ID=04961 P PERT=0.686



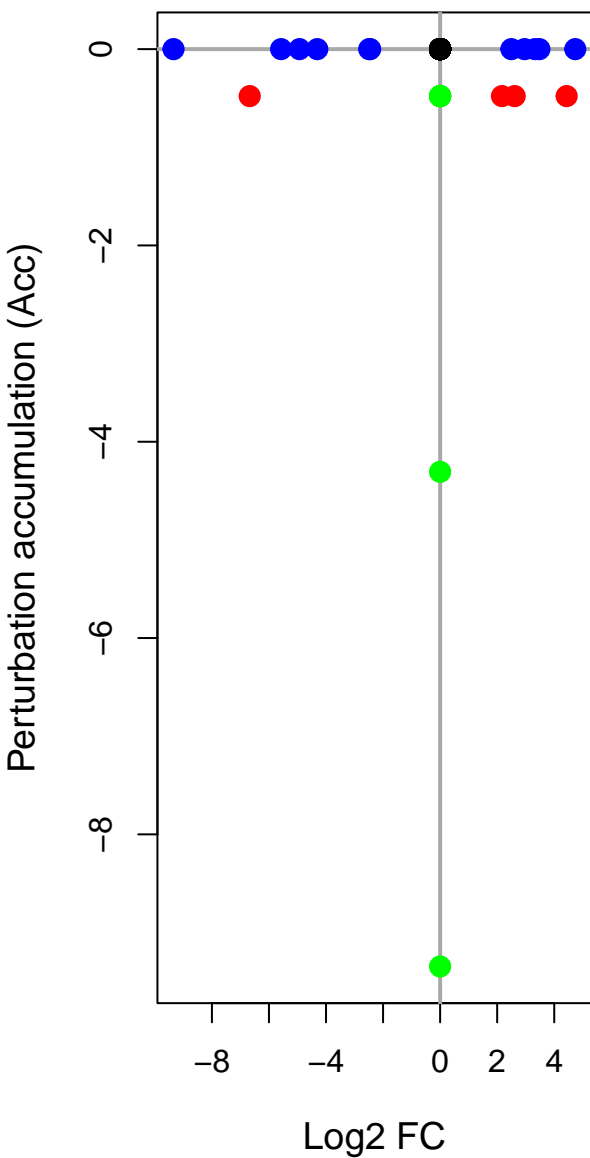
pathway ID=04962



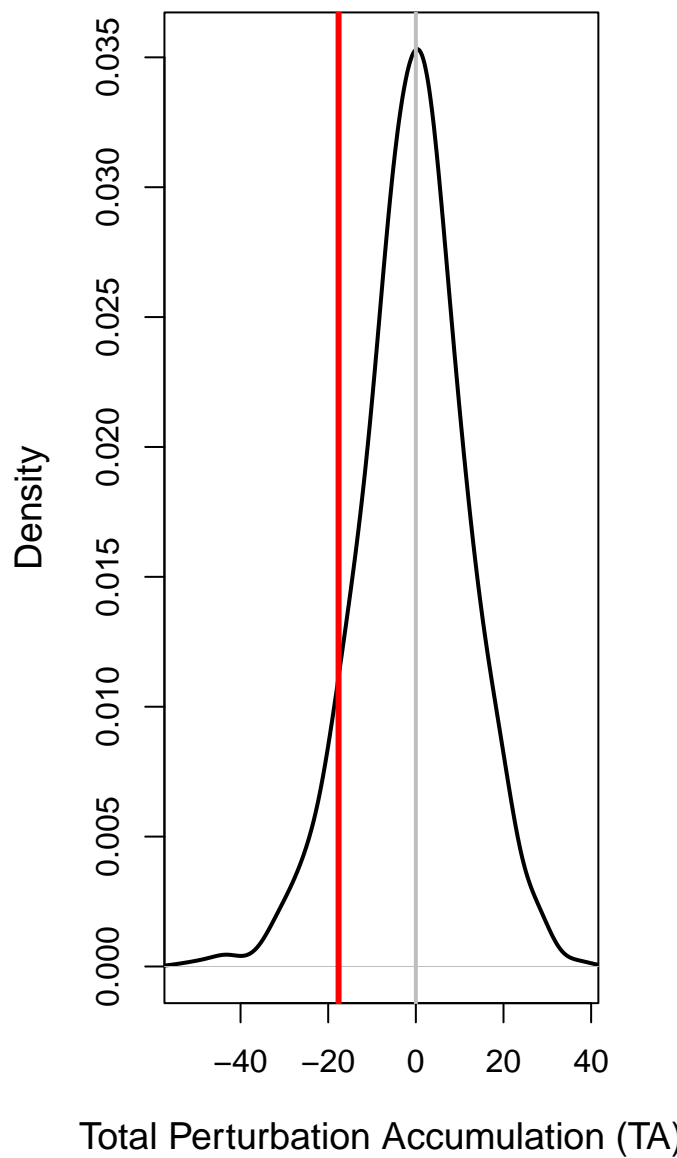
pathway ID=04962 P PERT=0.16



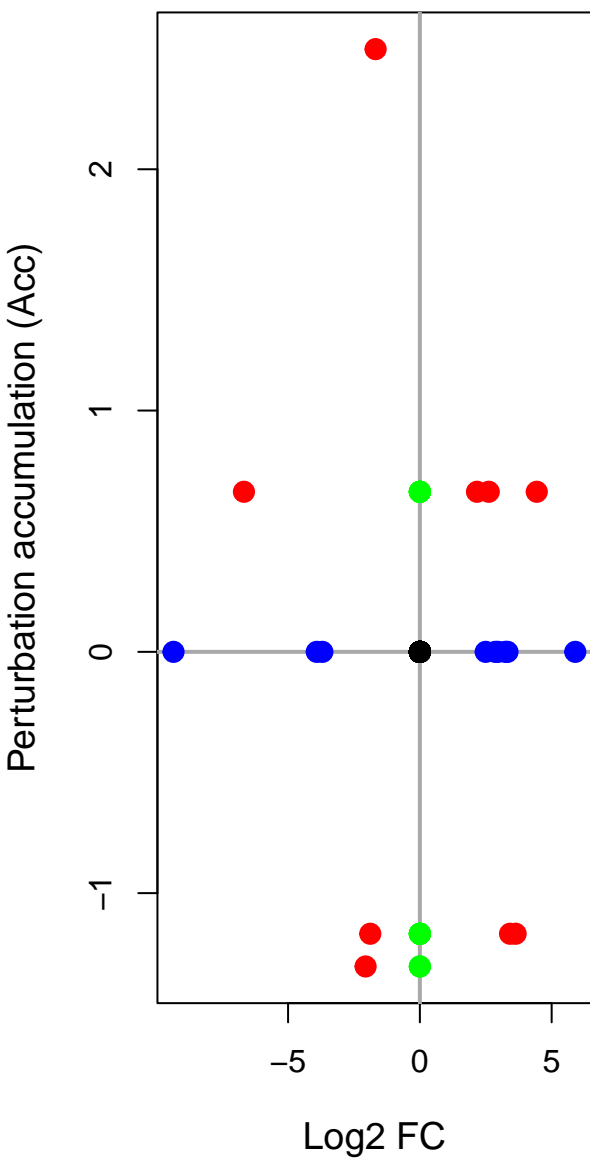
pathway ID=04970



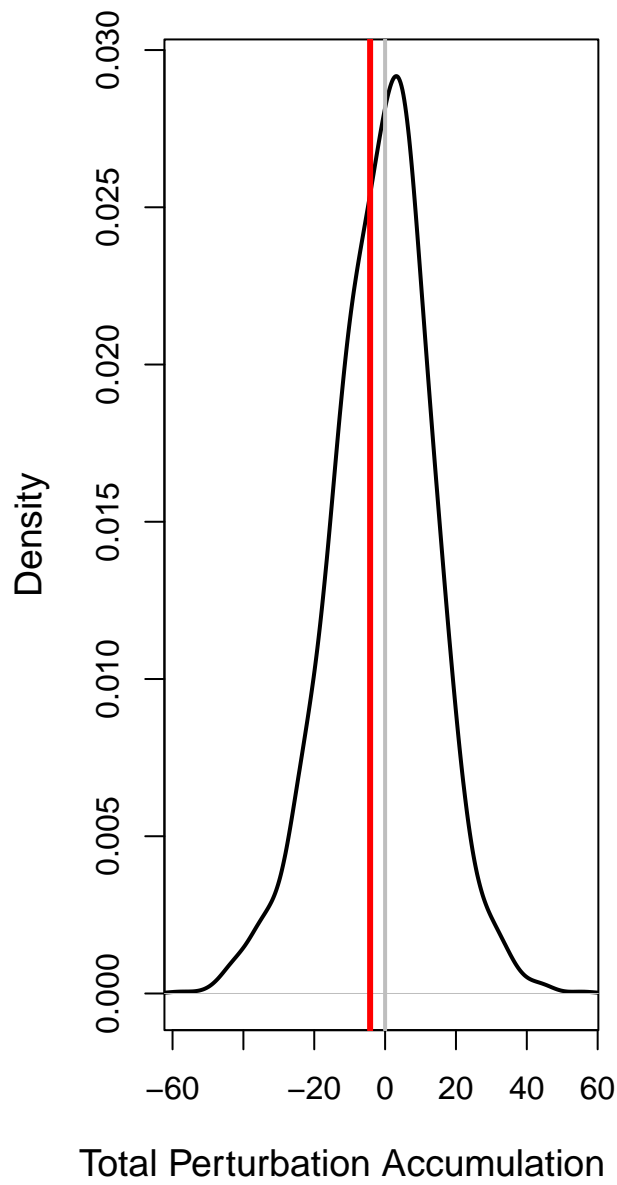
pathway ID=04970 P PERT=0.169



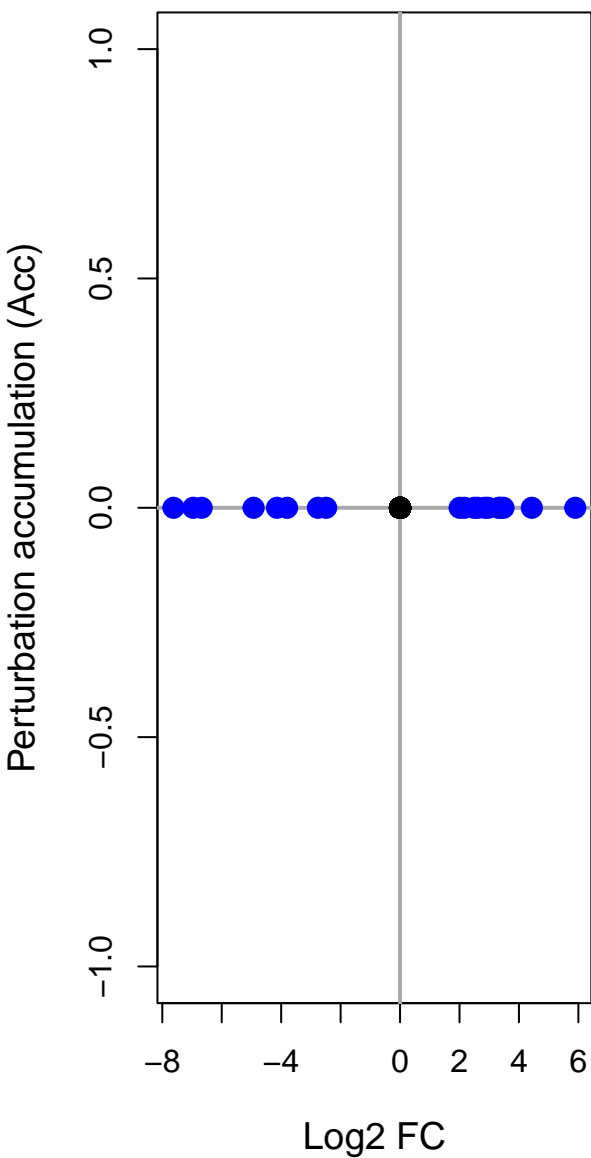
pathway ID=04971



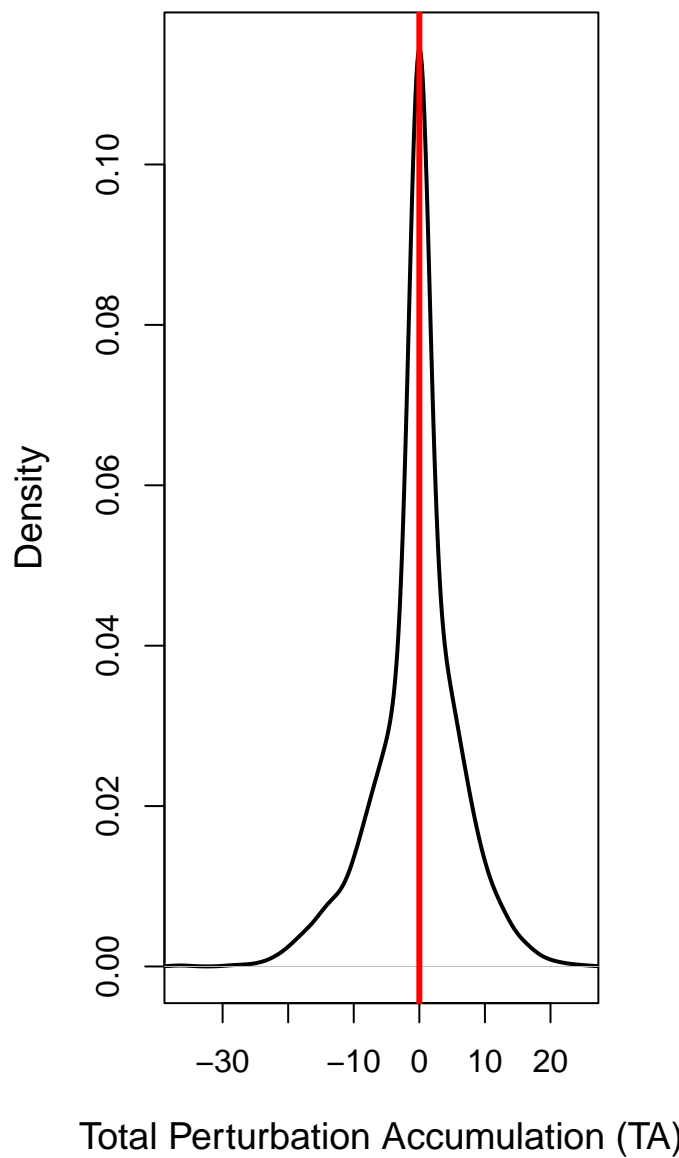
pathway ID=04971 P PERT=0.771



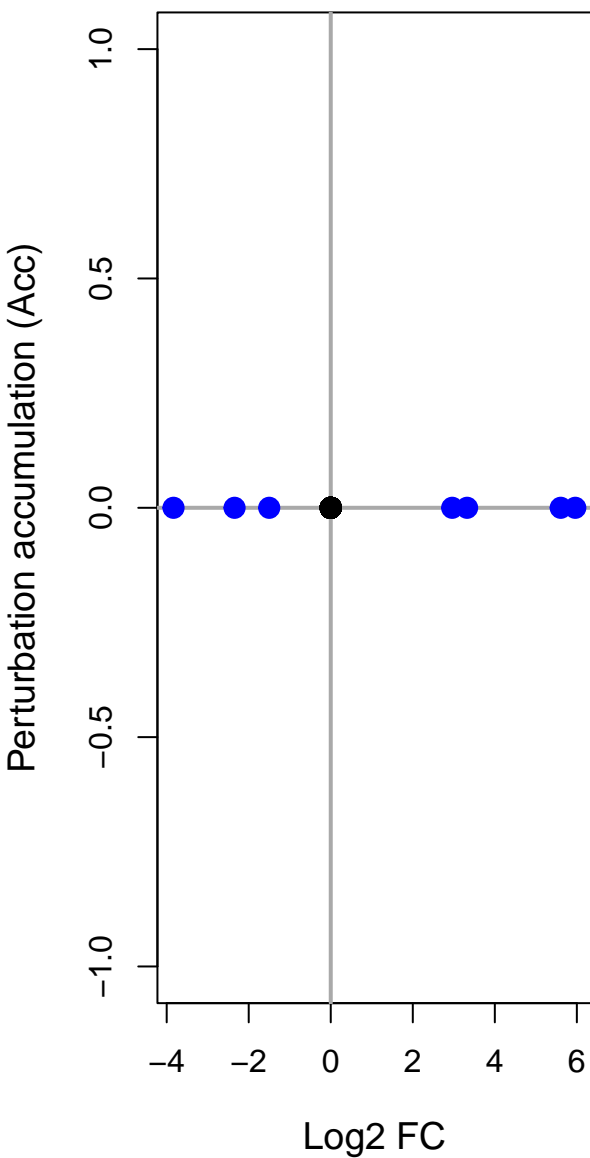
pathway ID=04972



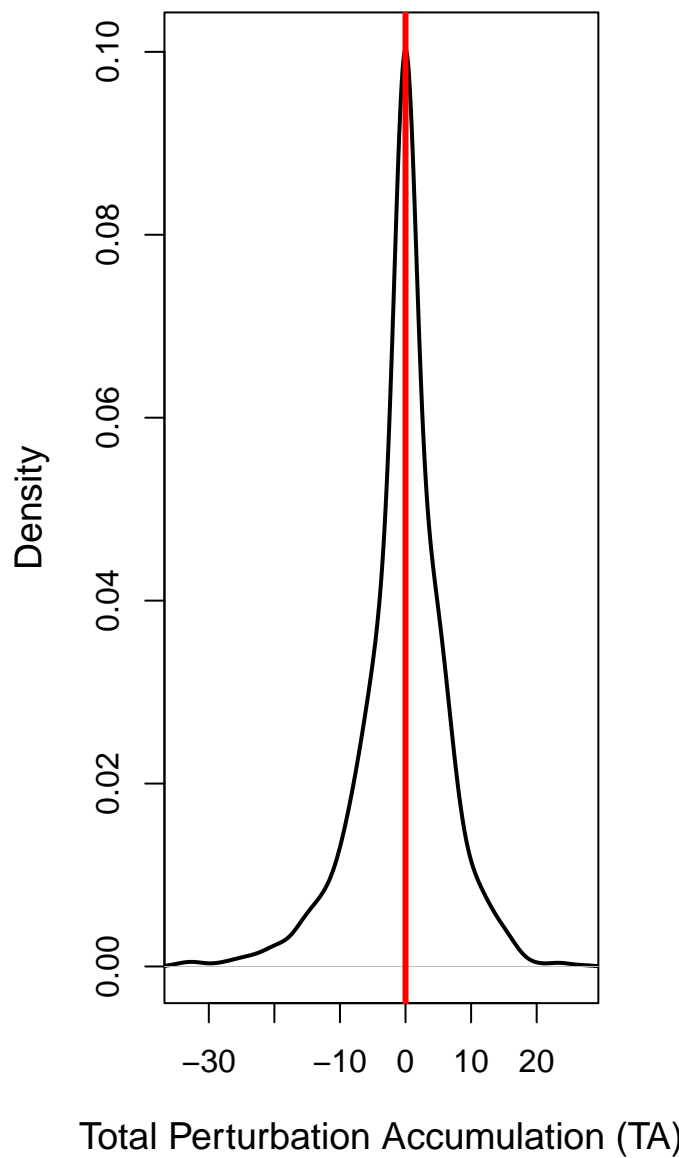
pathway ID=04972 P PERT=1



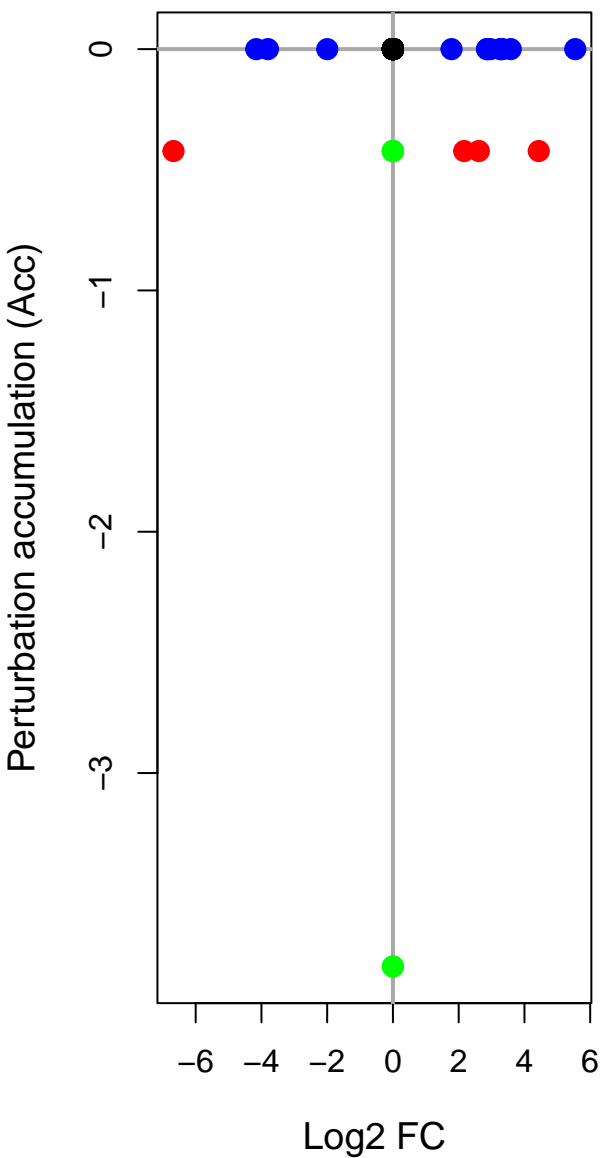
pathway ID=04973



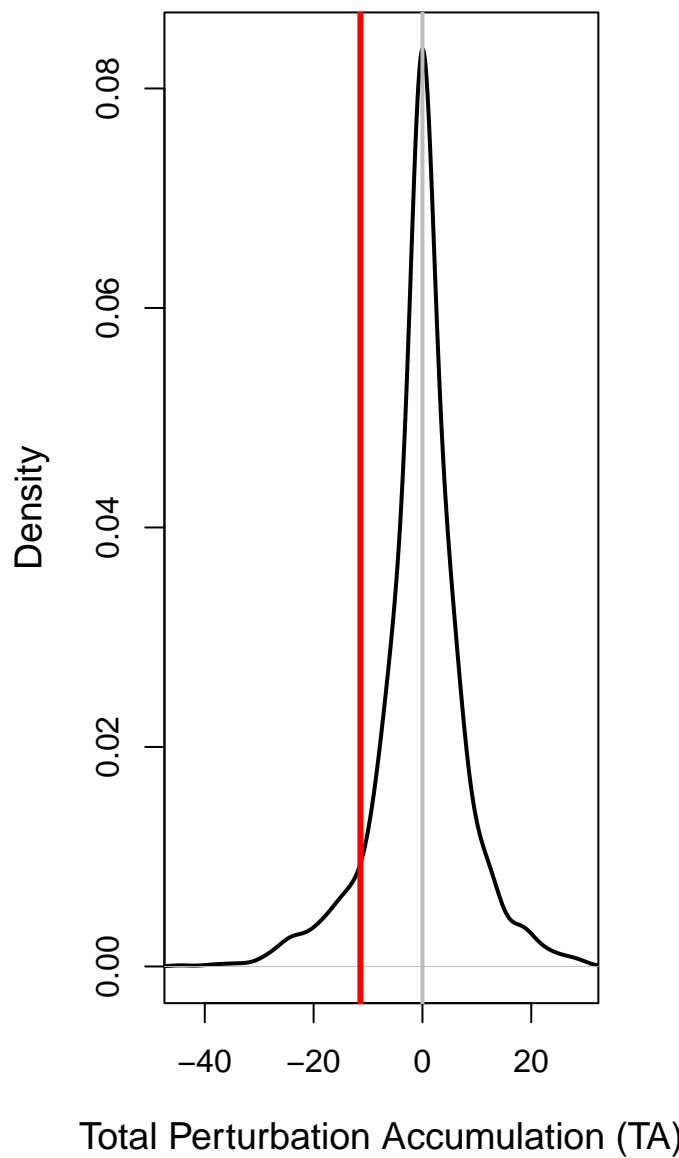
pathway ID=04973 P PERT=1



pathway ID=04976

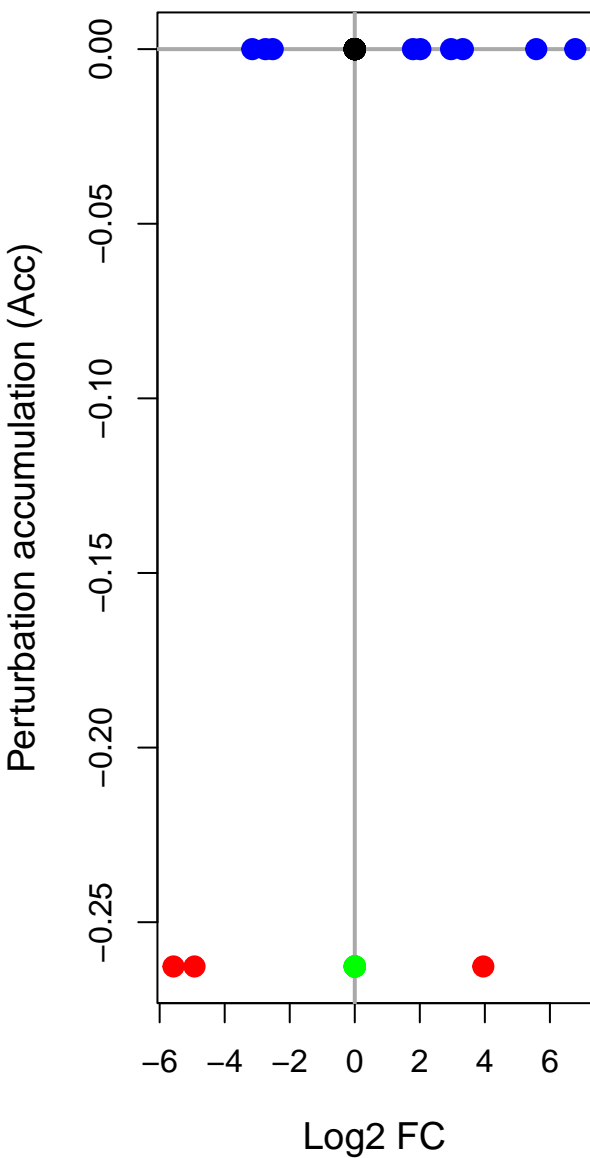


pathway ID=04976 P PERT=0.149

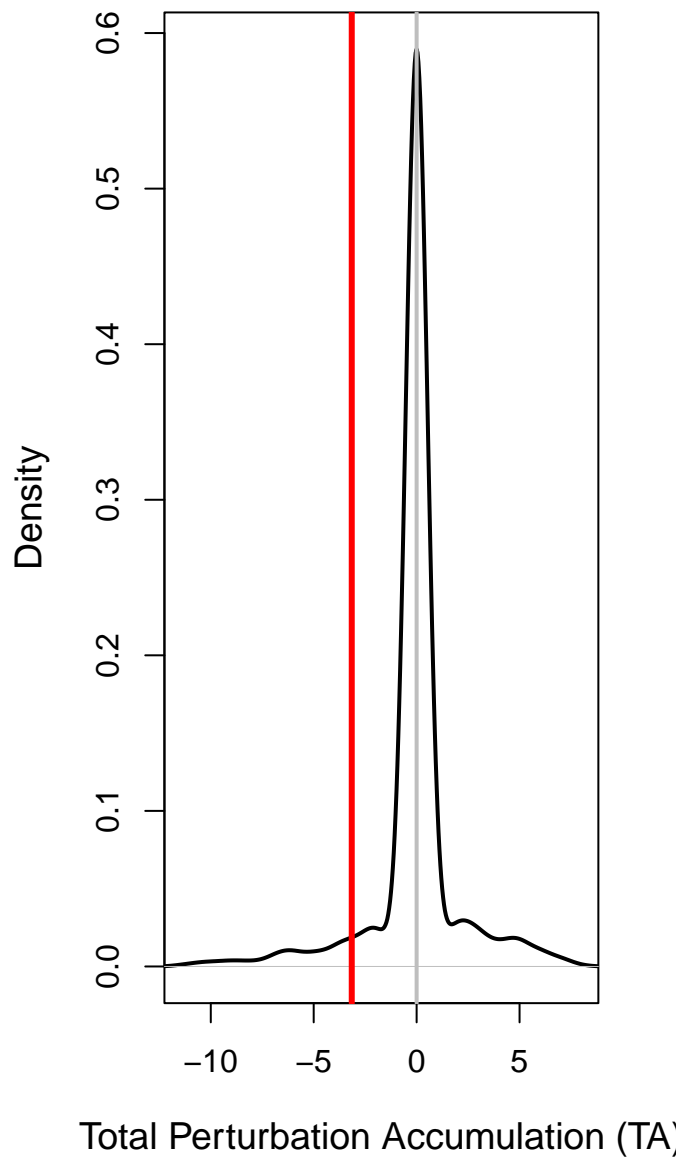




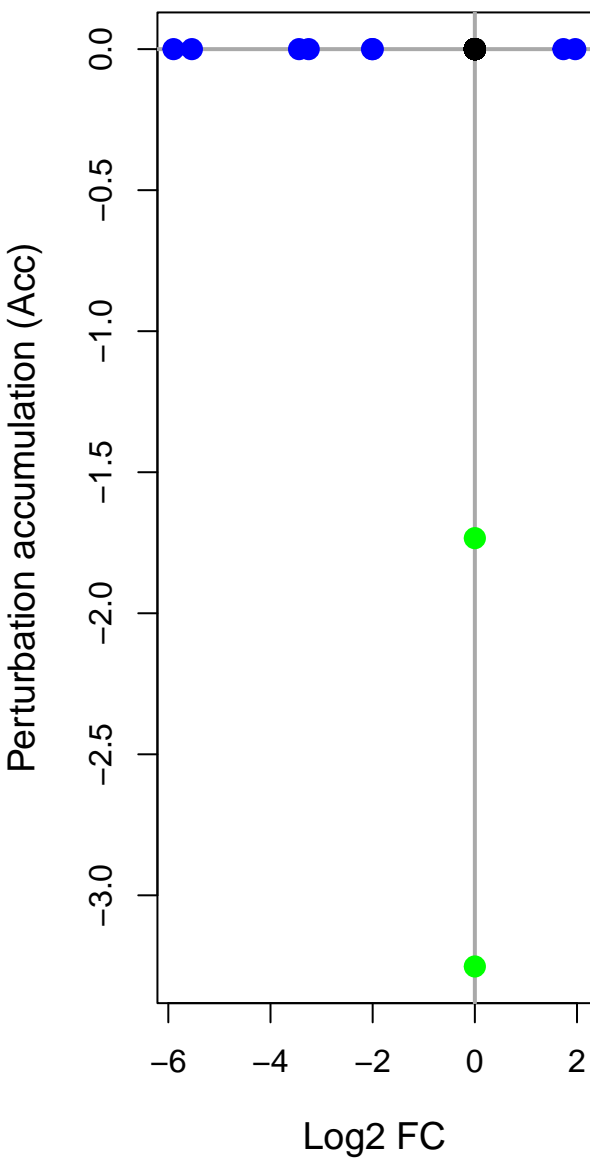
pathway ID=04978



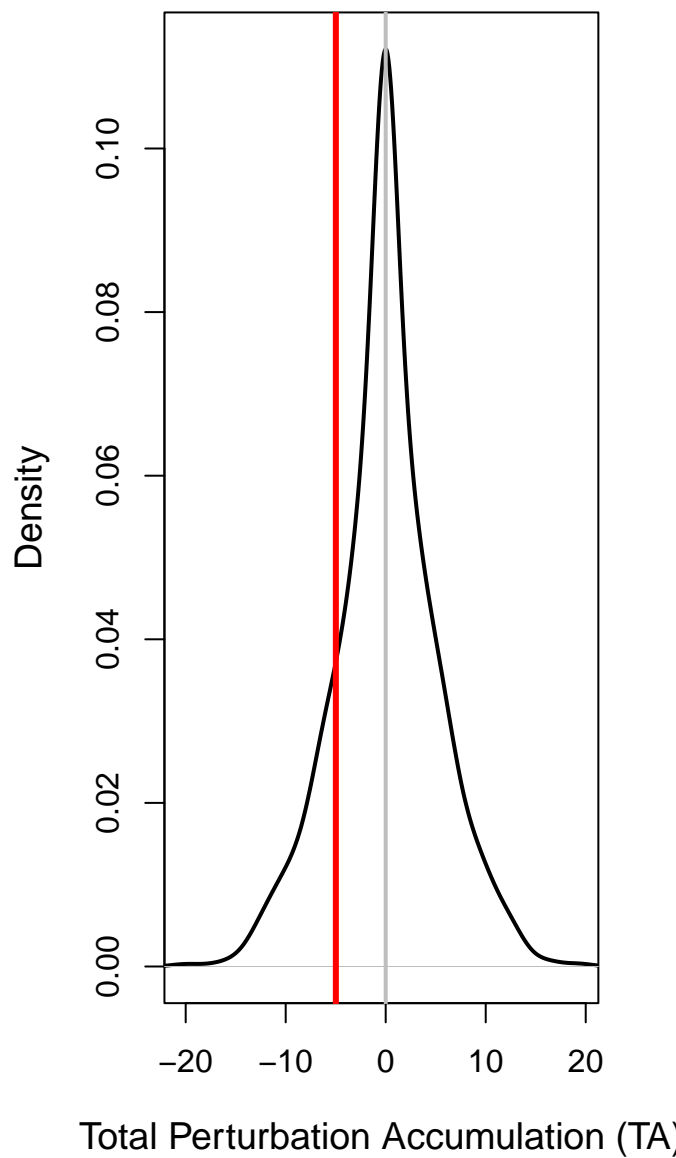
pathway ID=04978 P PERT=0.123



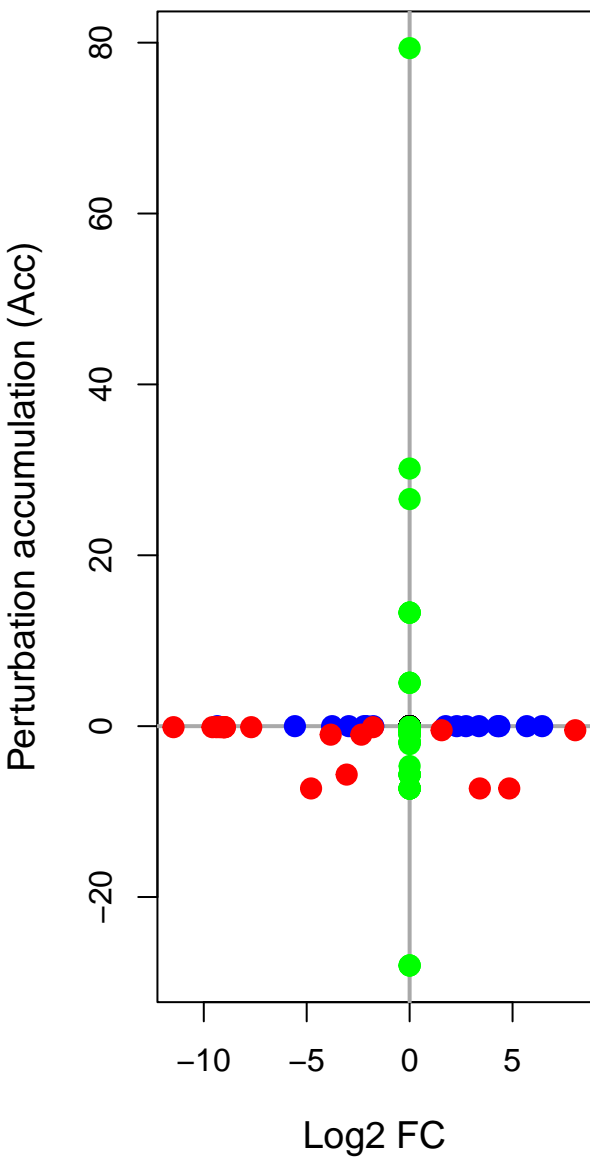
pathway ID=04979



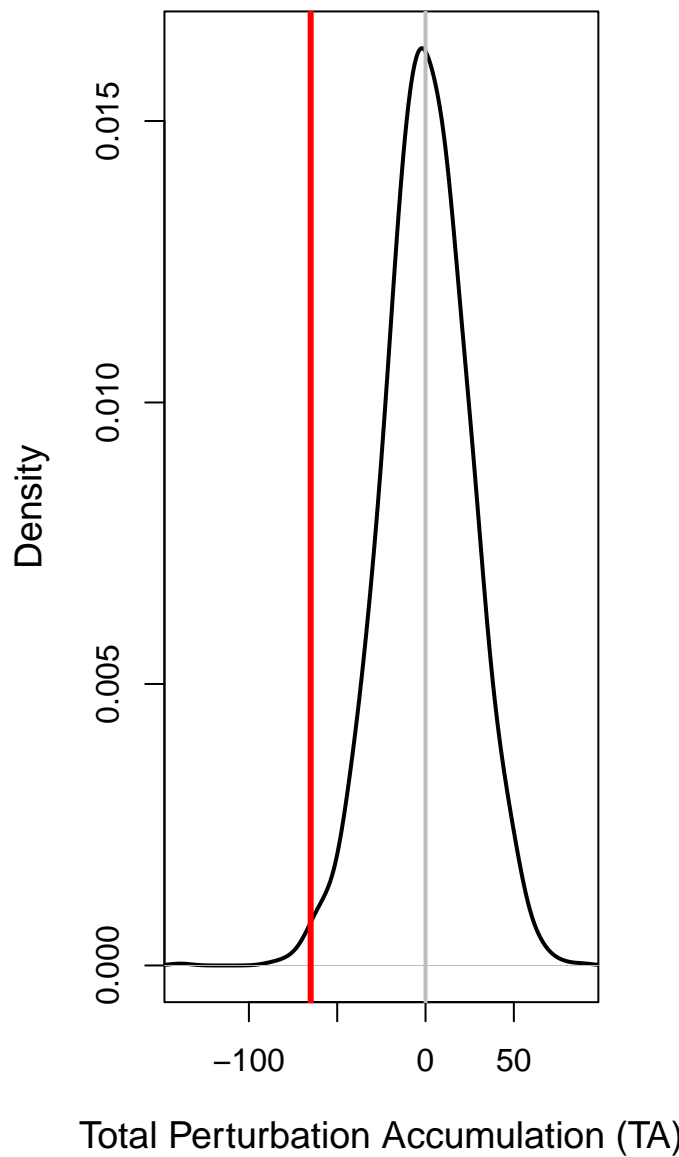
pathway ID=04979 P PERT=0.292



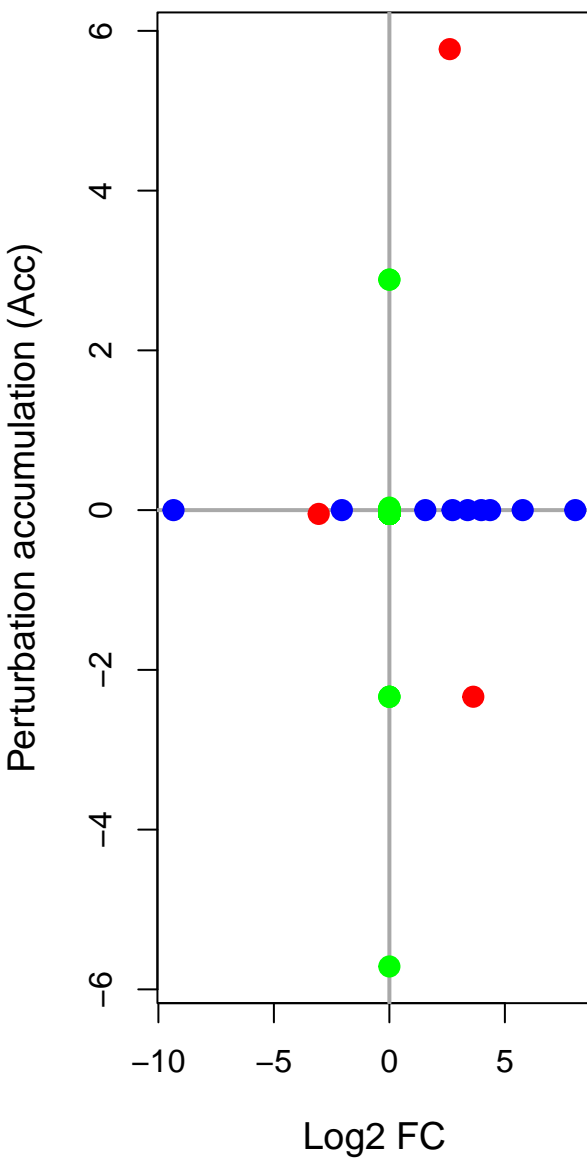
pathway ID=05010



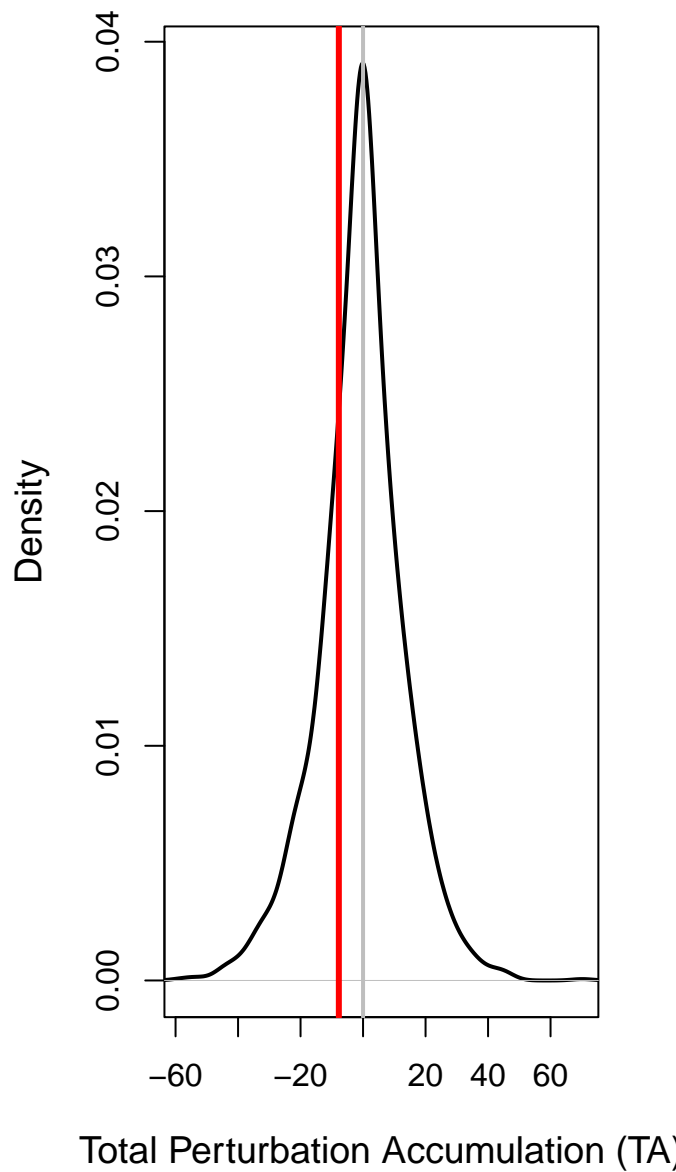
pathway ID=05010 P PERT=0.01



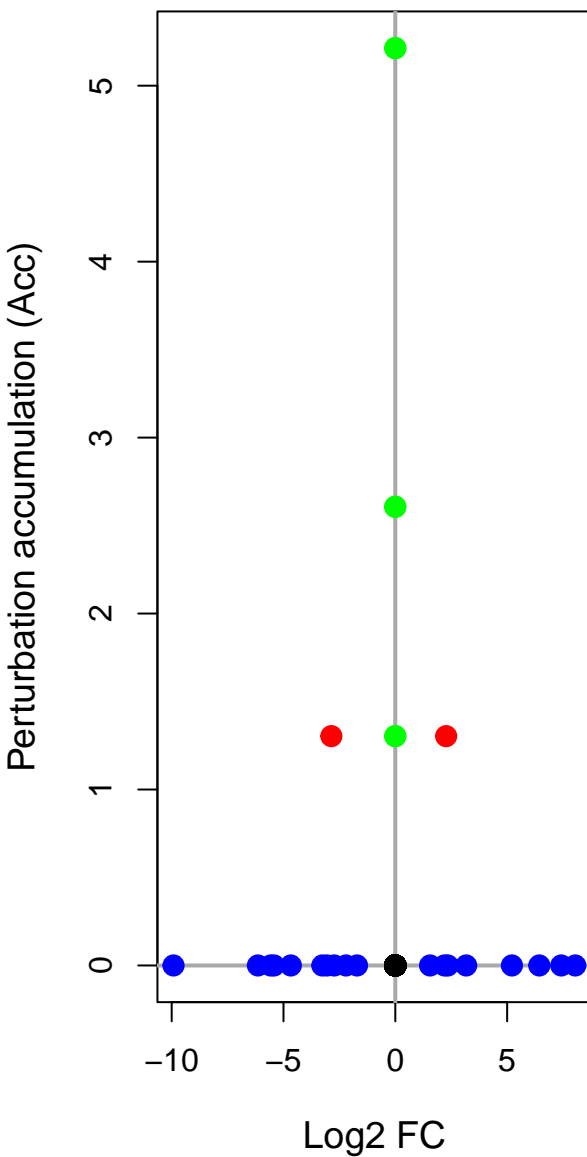
pathway ID=05012



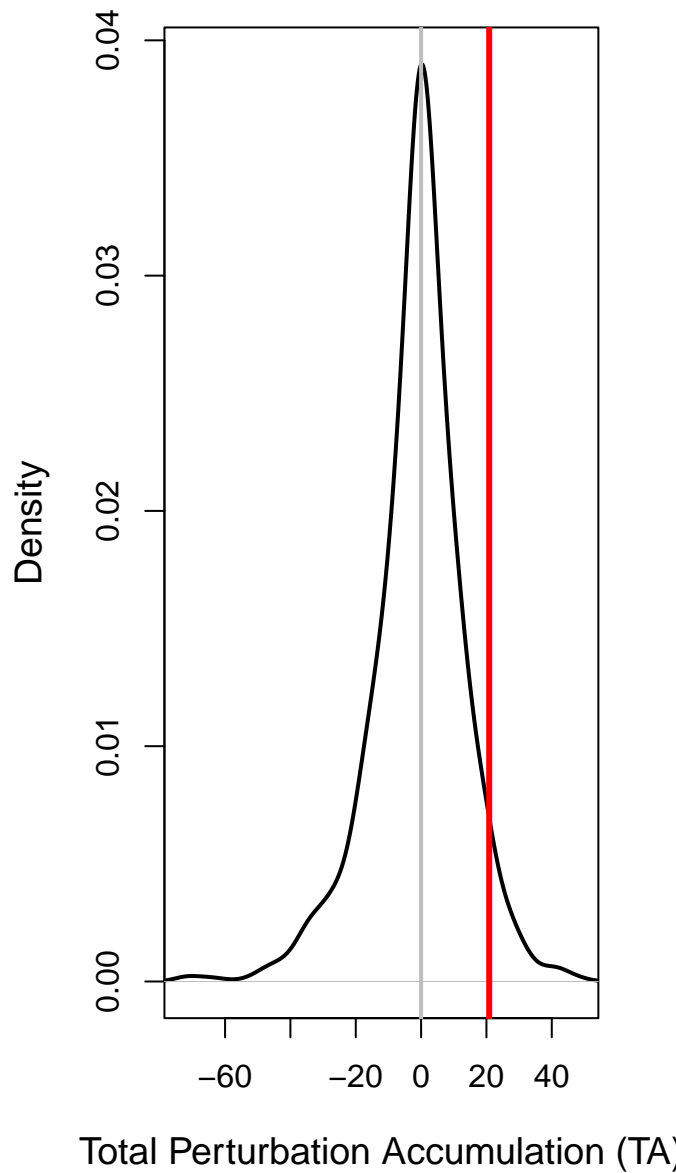
pathway ID=05012 P PERT=0.495



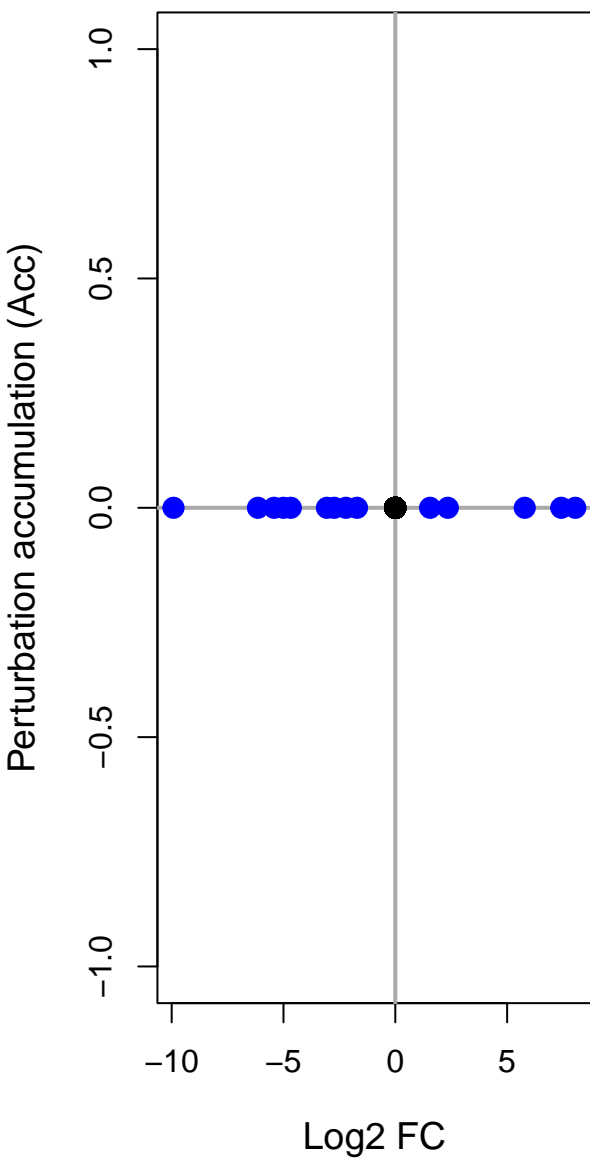
pathway ID=05014



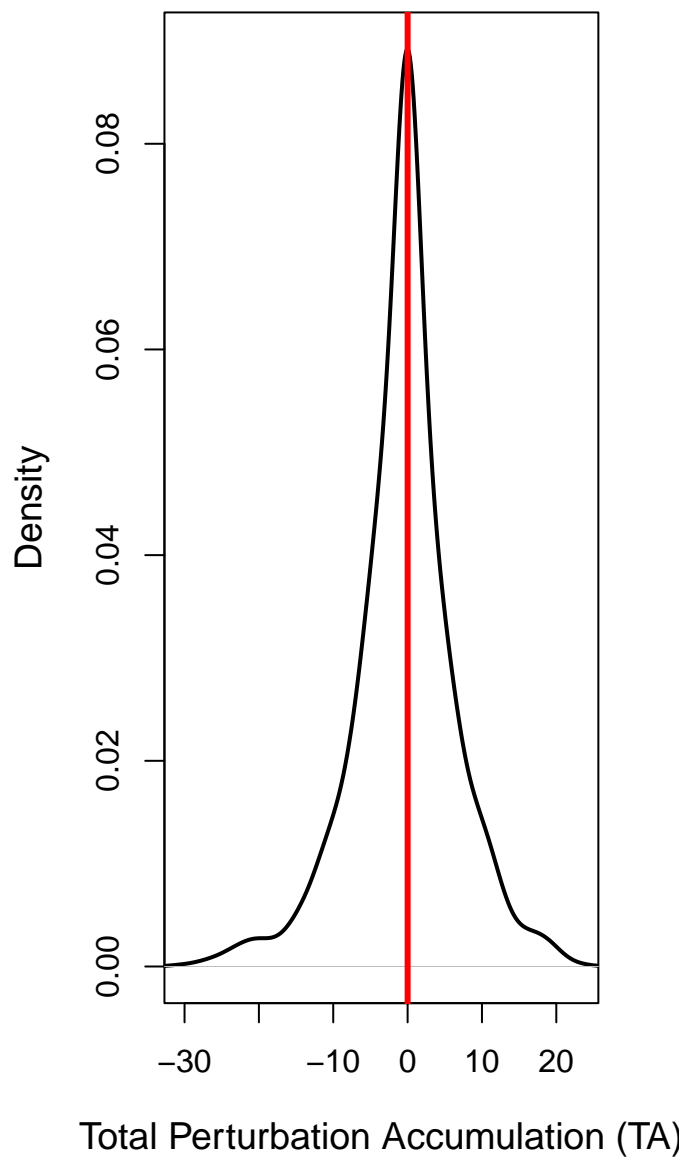
pathway ID=05014 P PERT=0.091



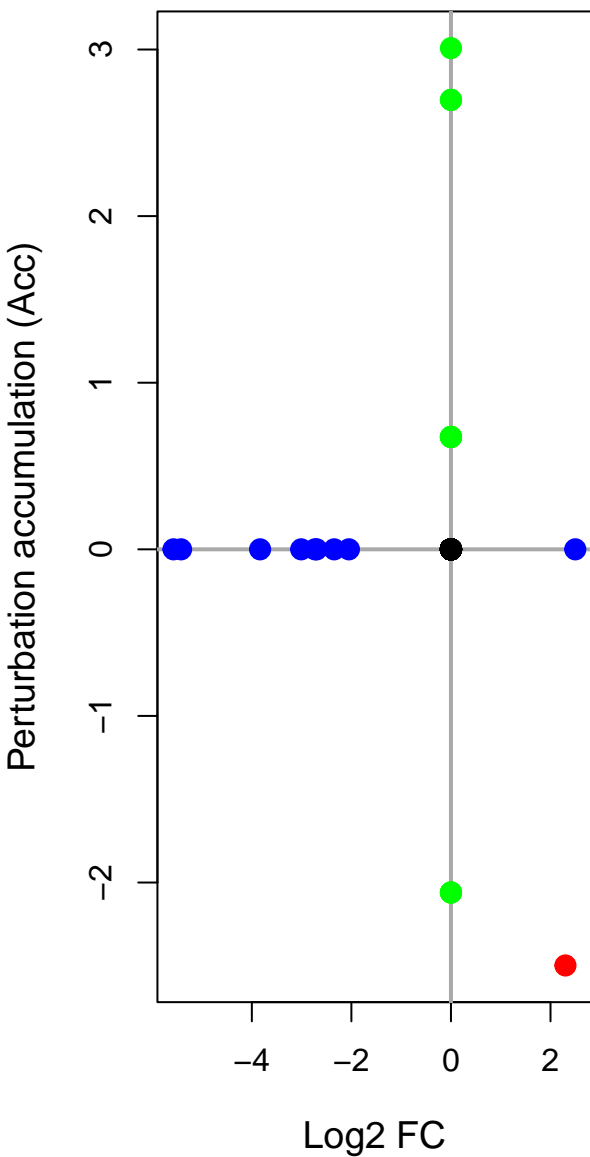
pathway ID=05016



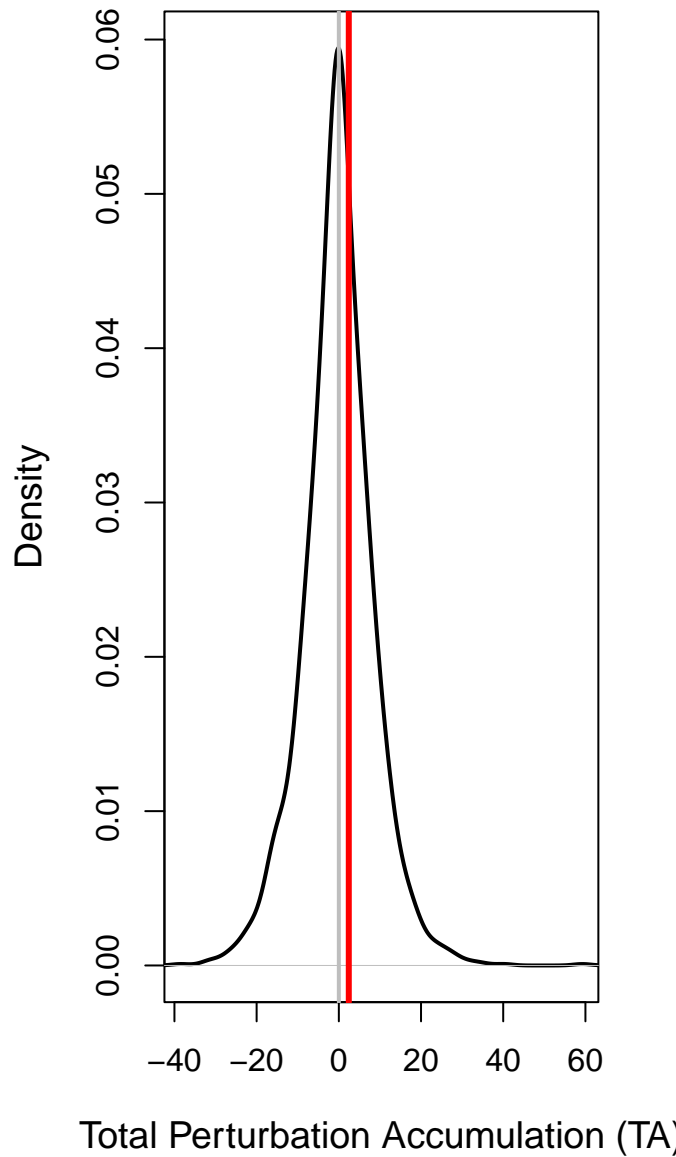
pathway ID=05016 P PERT=1



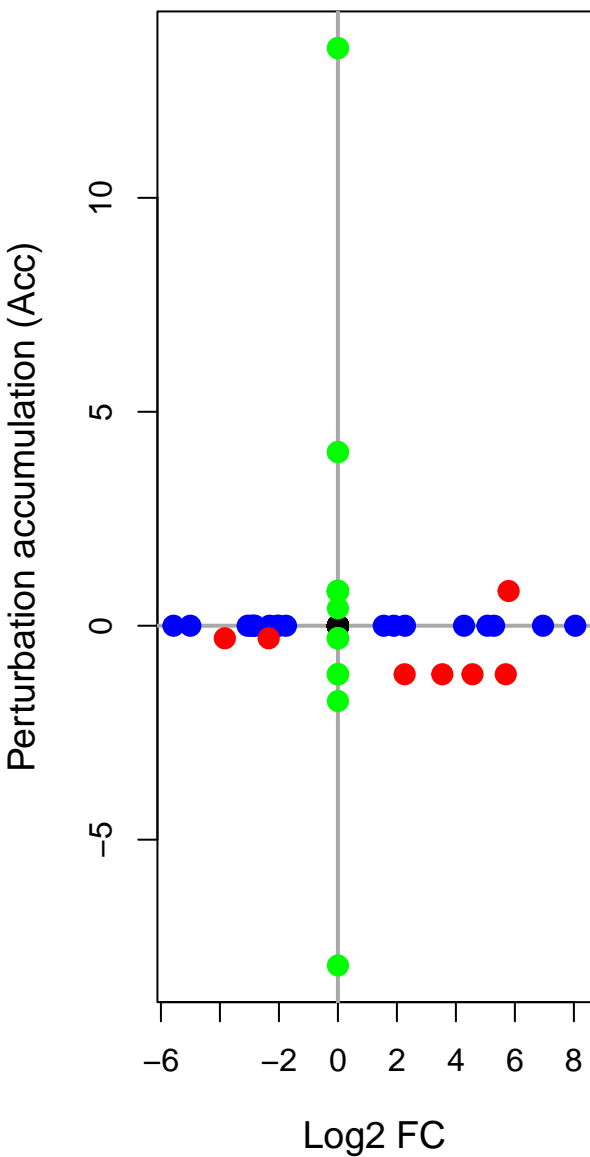
pathway ID=05017



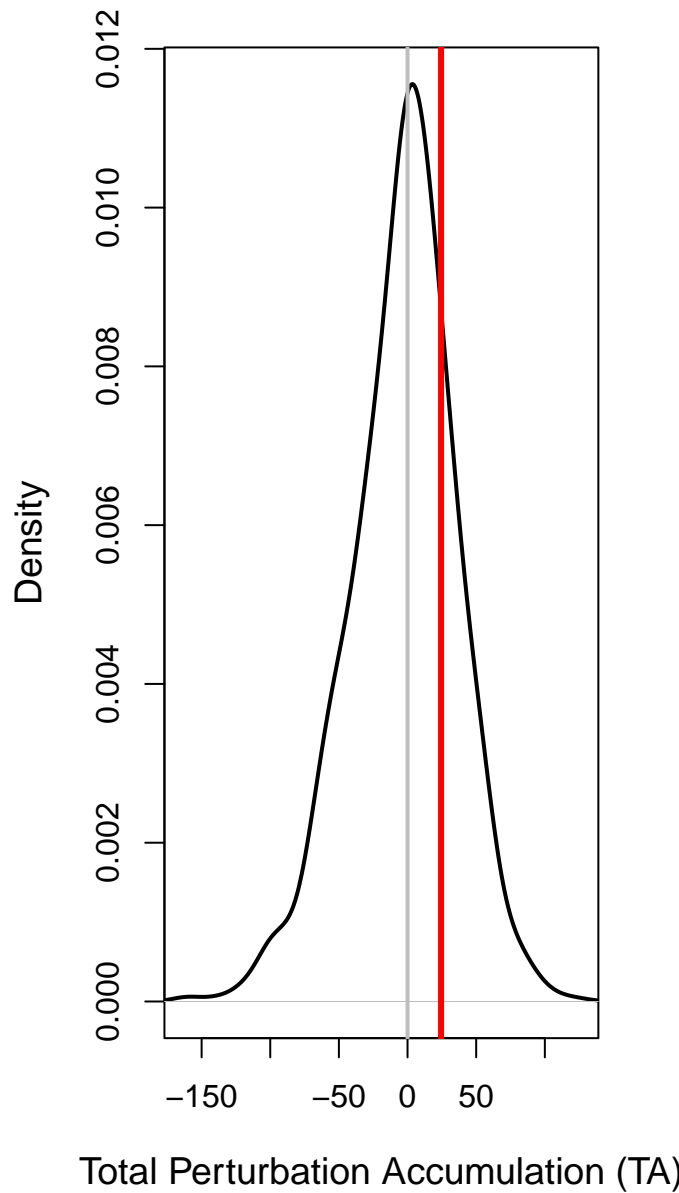
pathway ID=05017 P PERT=0.685



pathway ID=05020

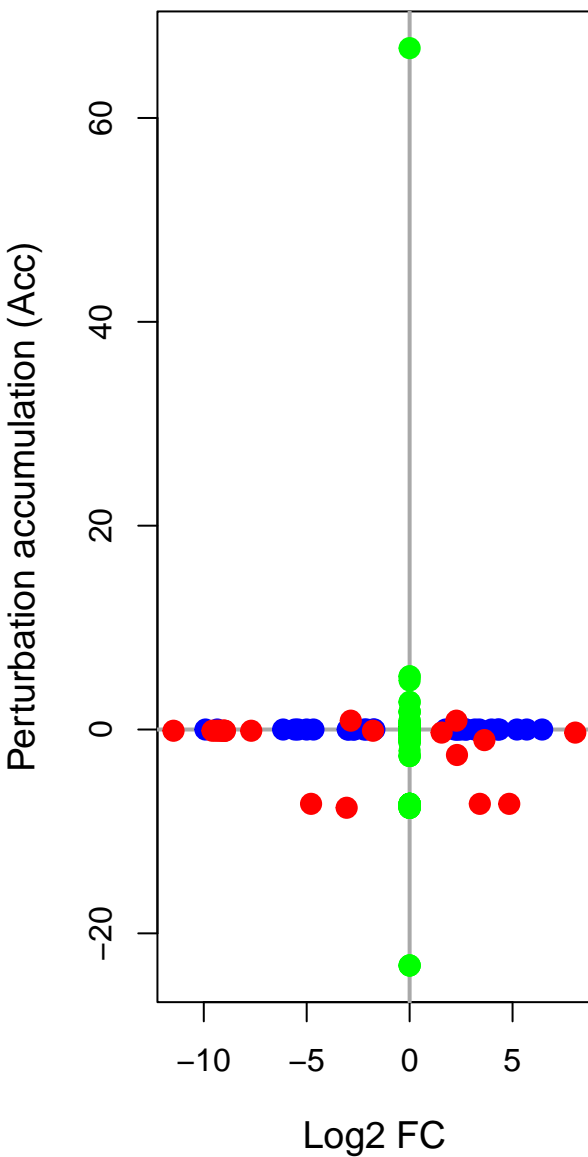


pathway ID=05020 P PERT=0.455

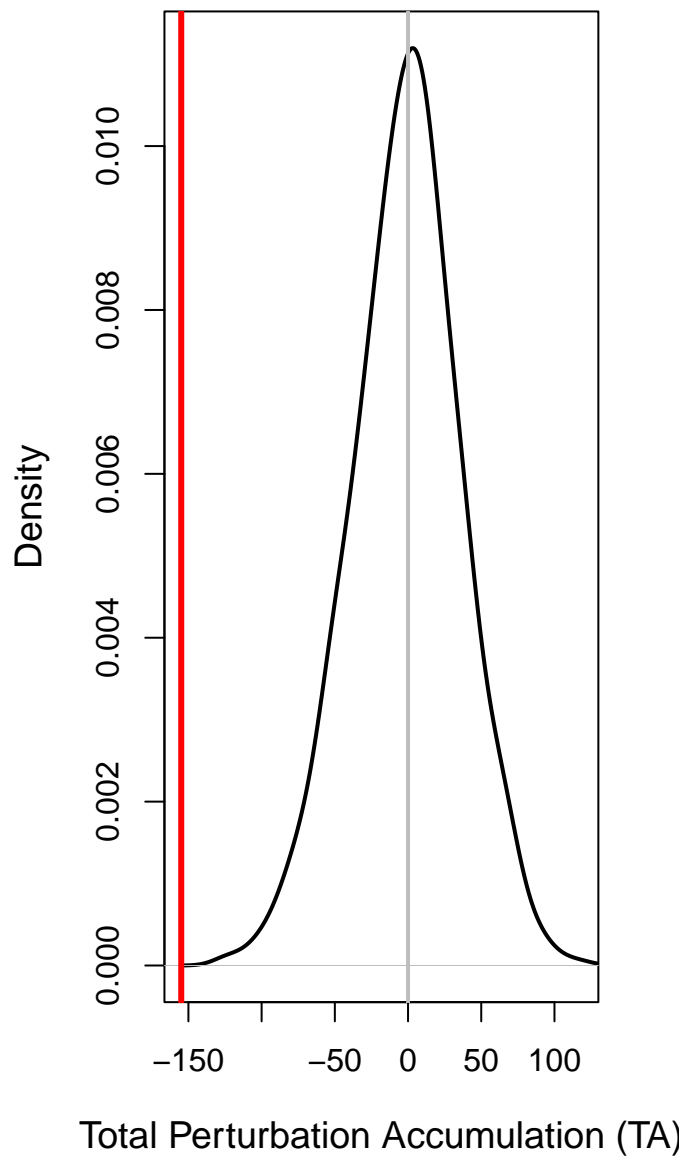




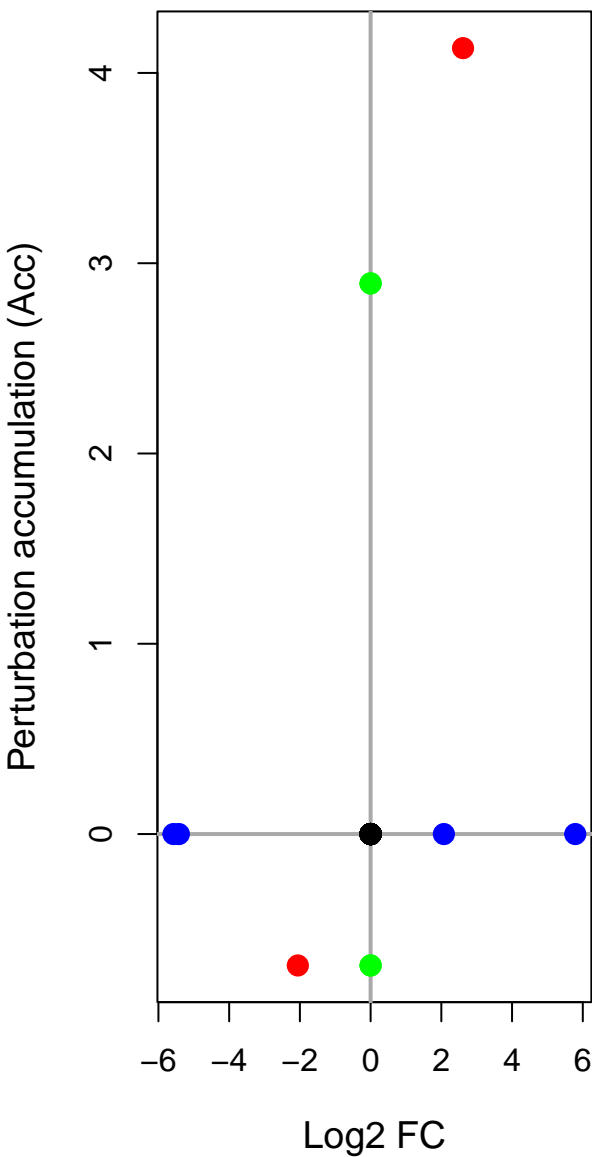
pathway ID=05022



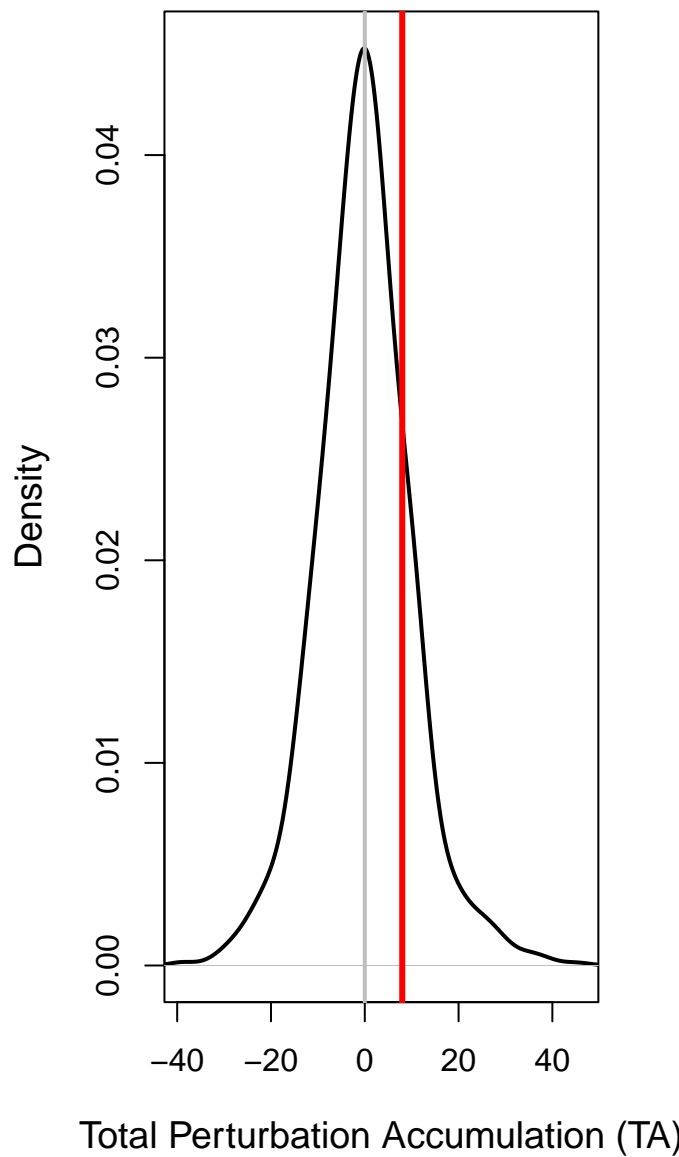
pathway ID=05022 P PERT=0



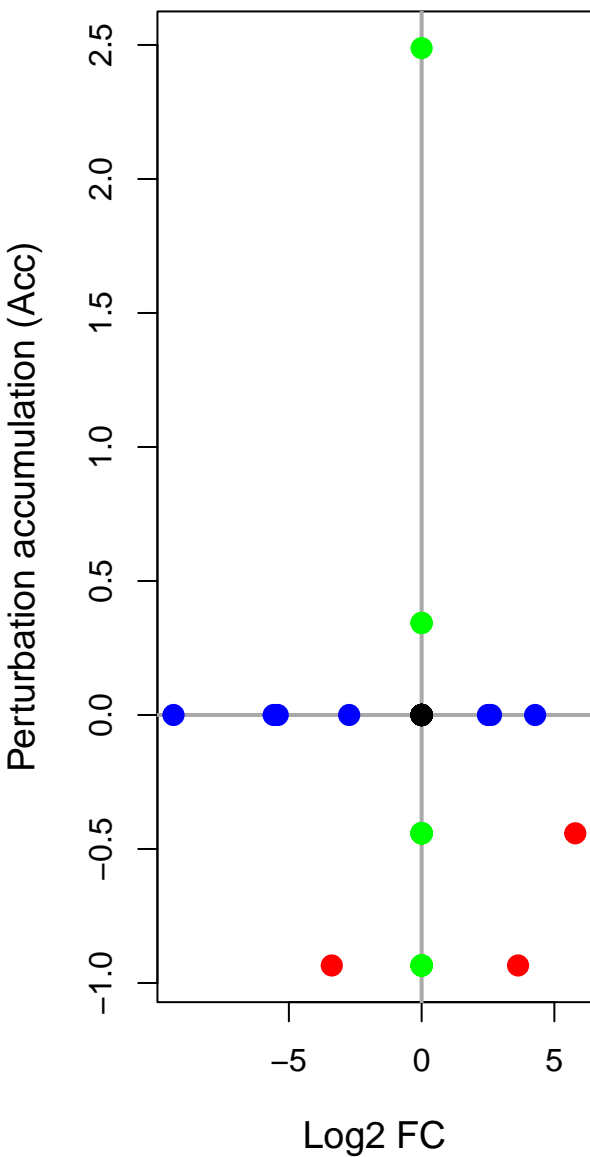
pathway ID=05030



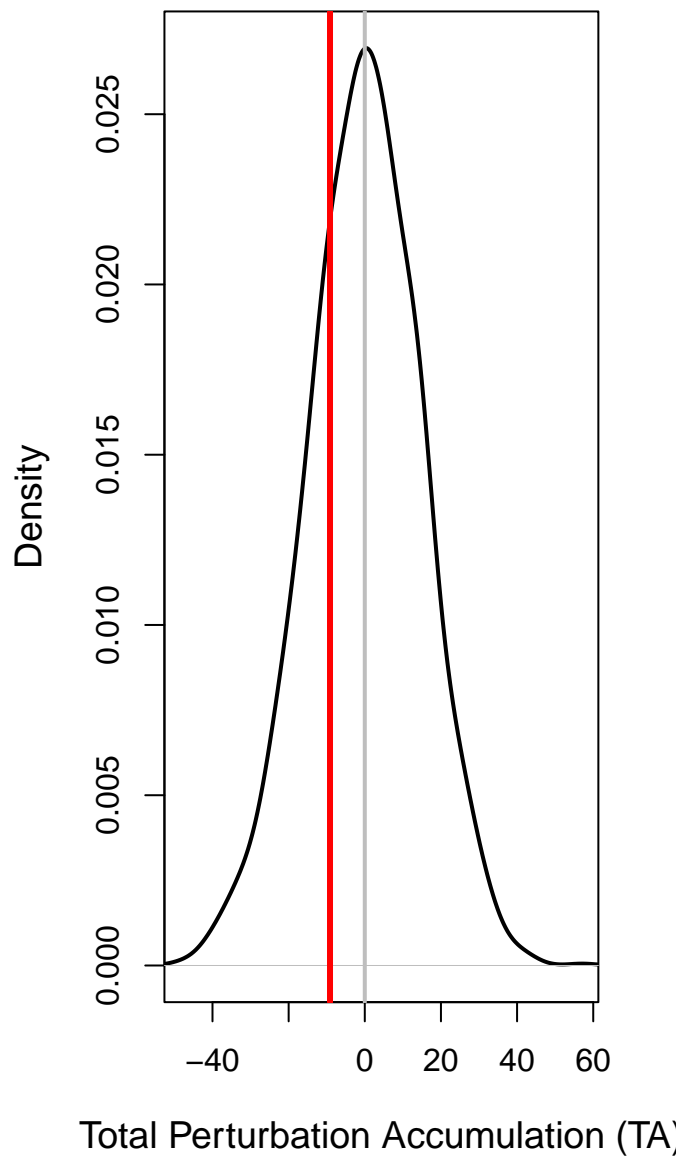
pathway ID=05030 P PERT=0.373



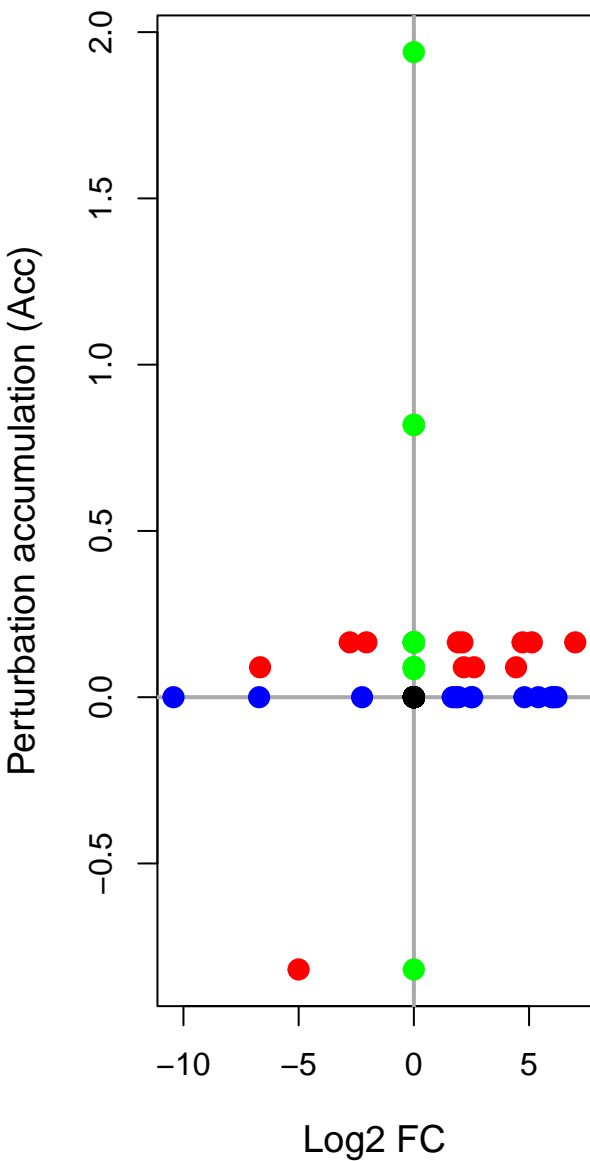
pathway ID=05031



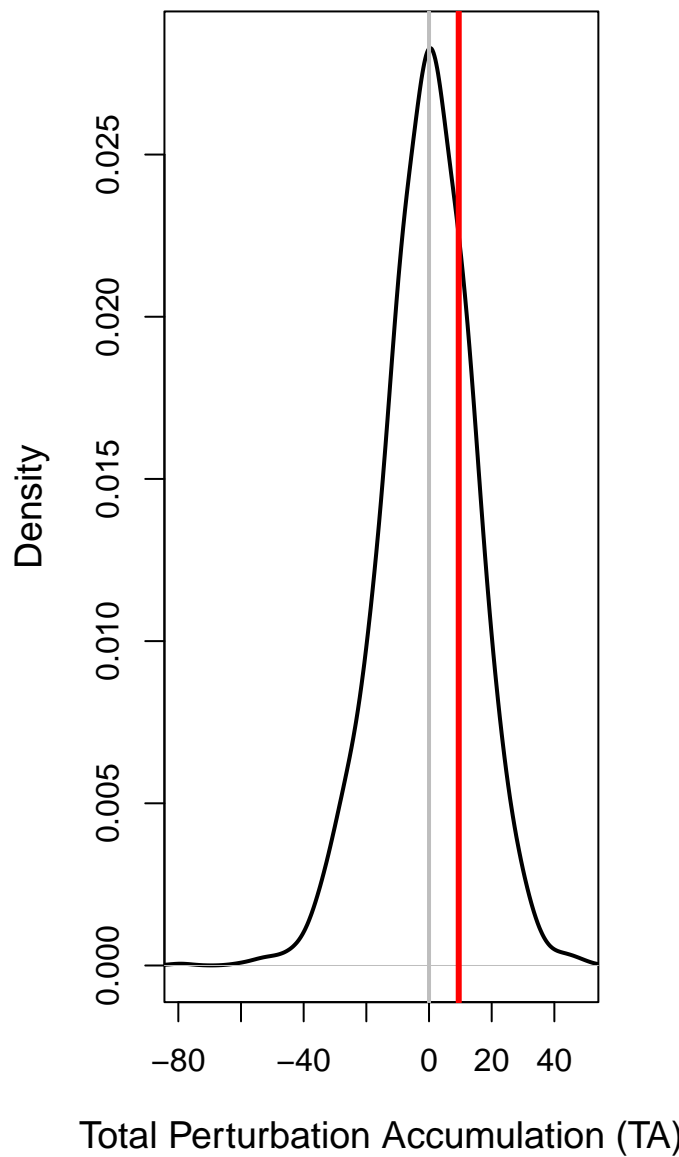
pathway ID=05031 P PERT=0.53



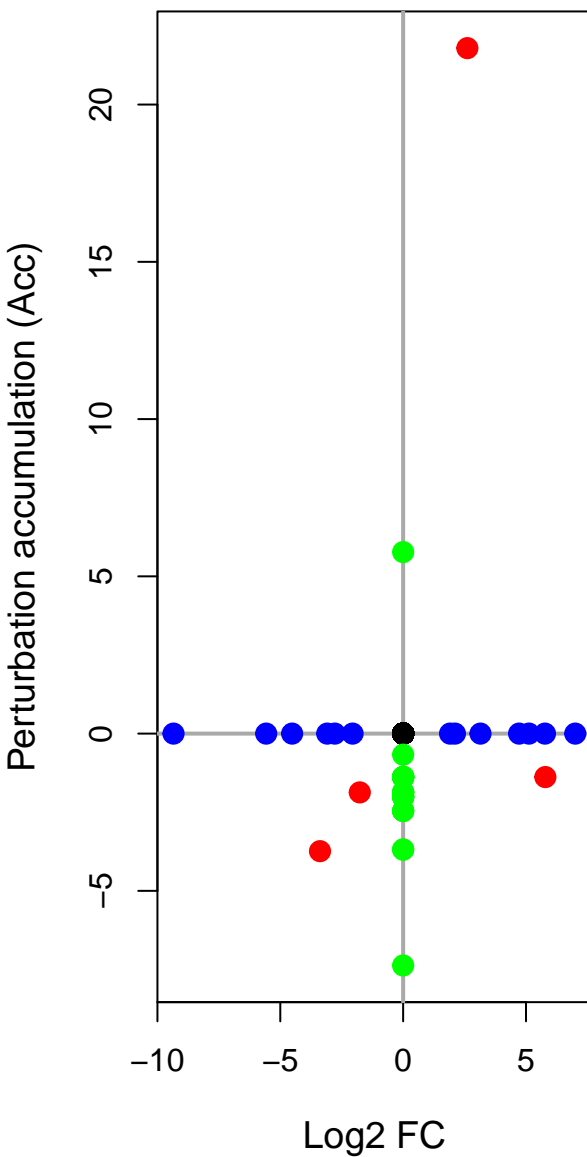
pathway ID=05032



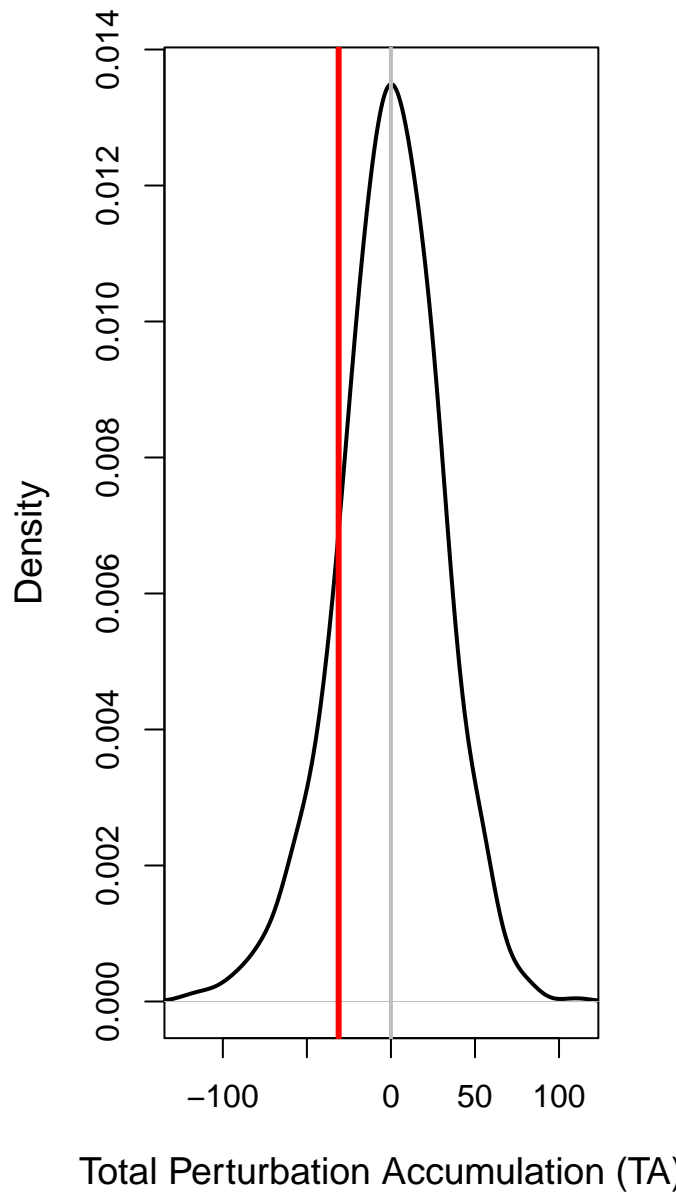
pathway ID=05032 P PERT=0.499



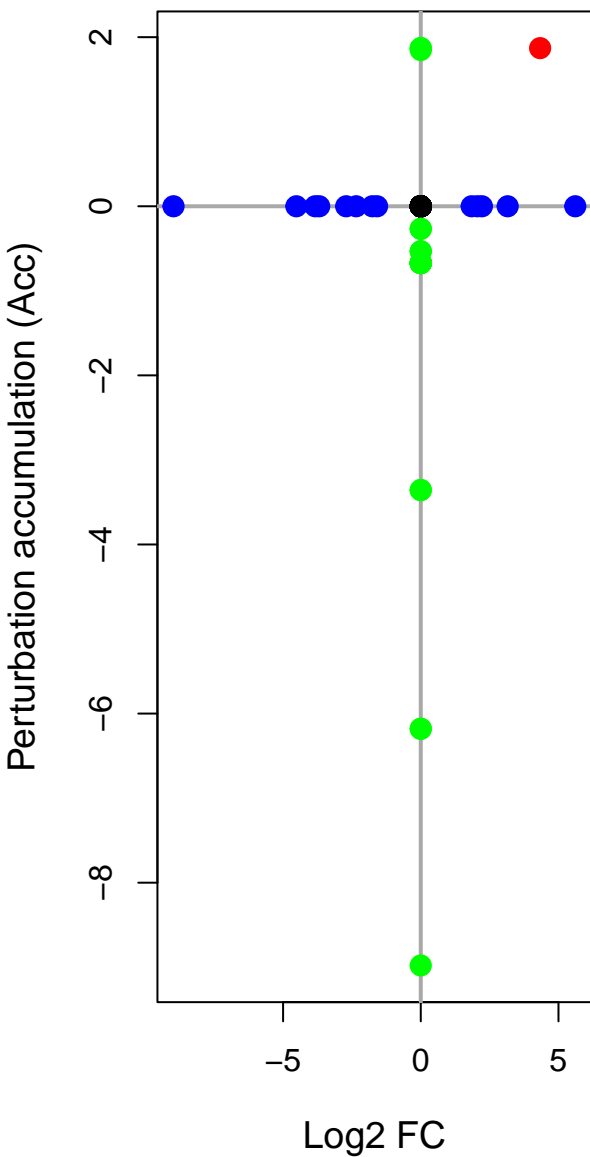
pathway ID=05034



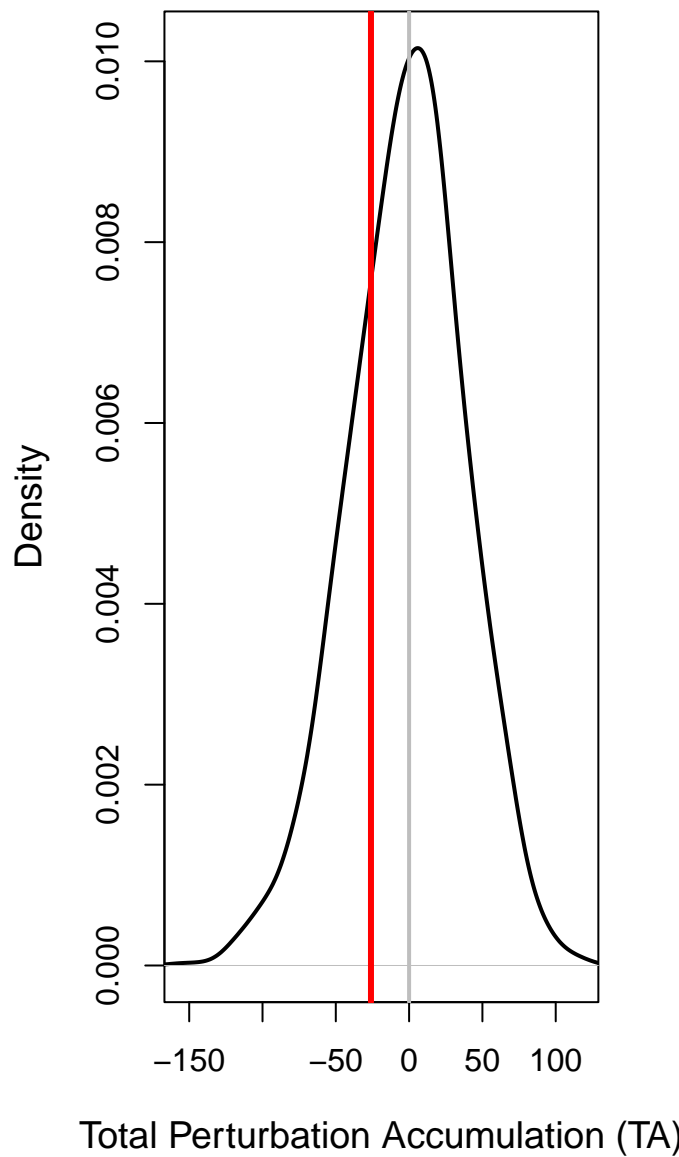
pathway ID=05034 P PERT=0.294



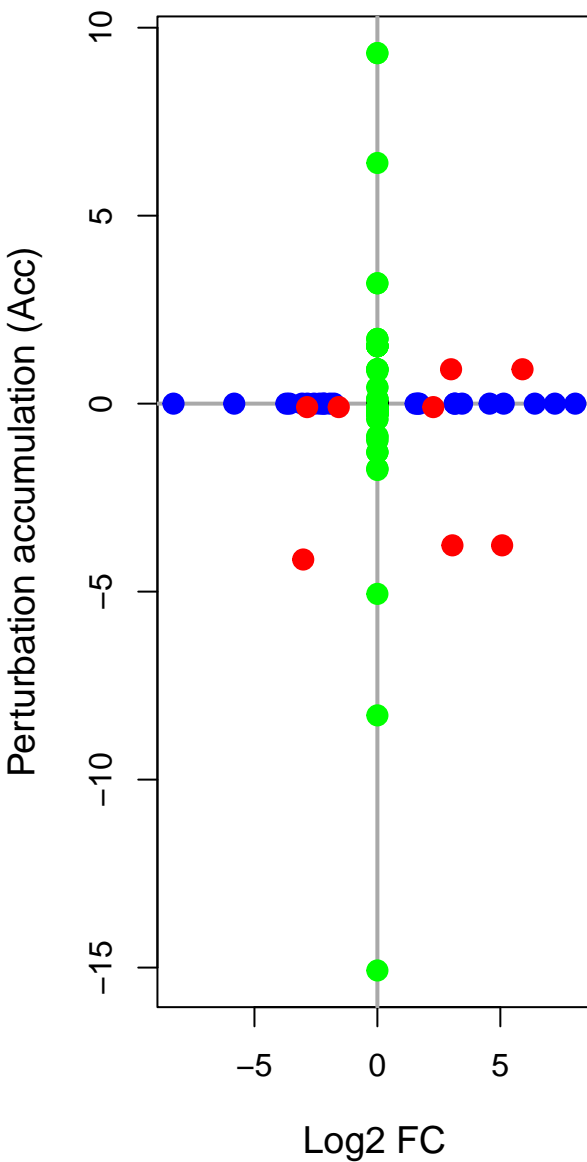
pathway ID=05100



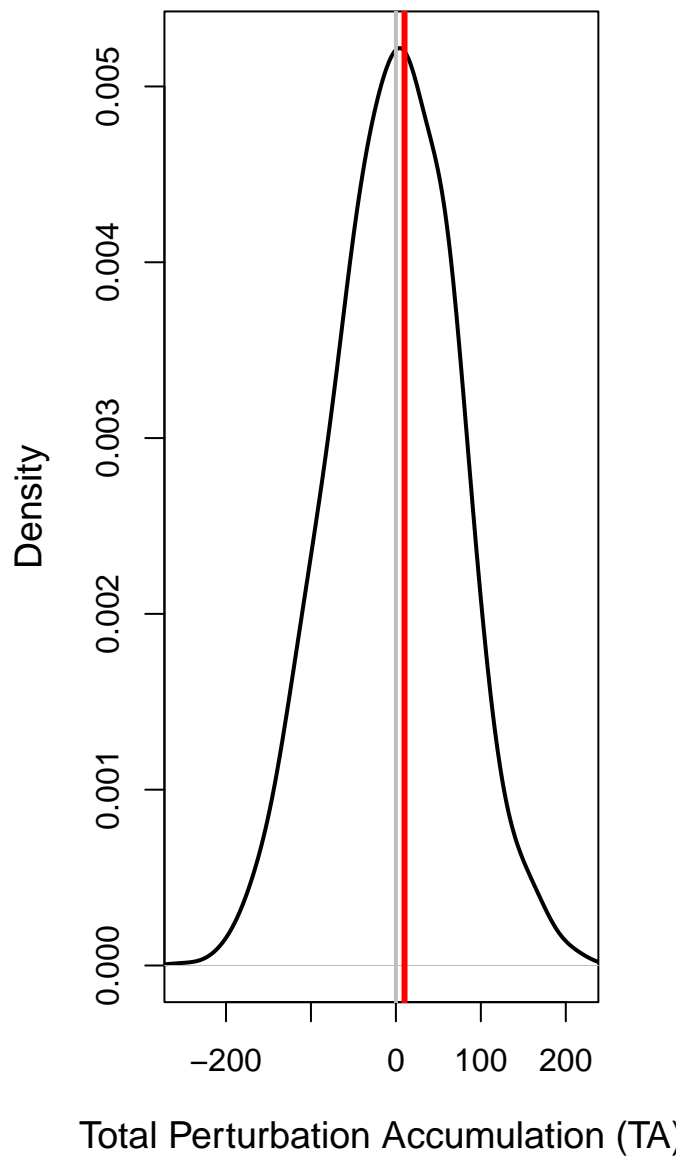
pathway ID=05100 P PERT=0.53



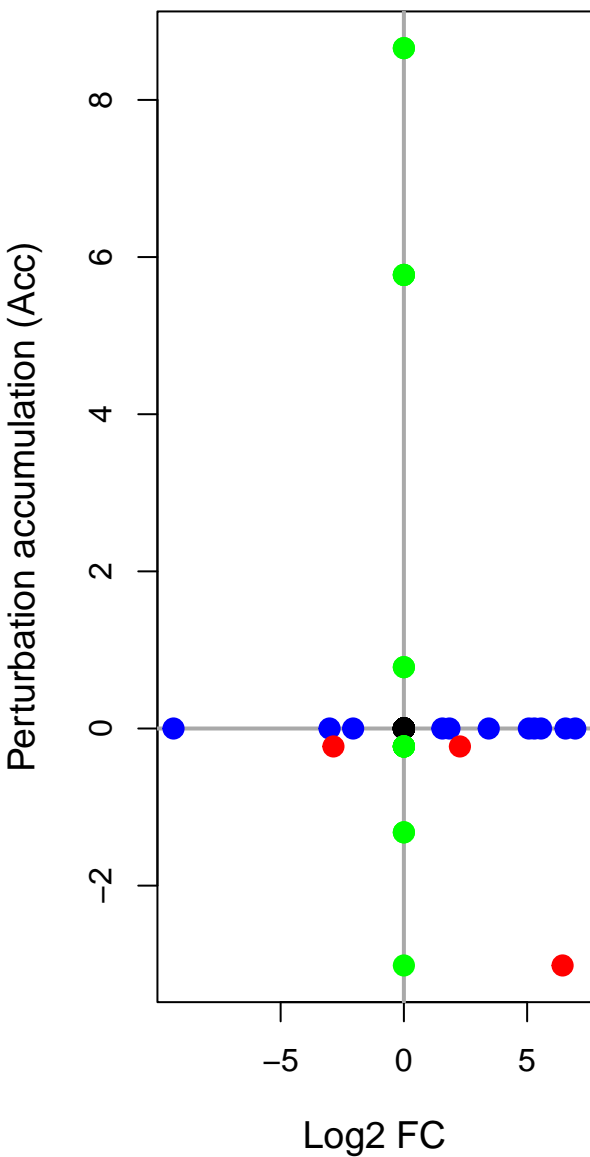
pathway ID=05132



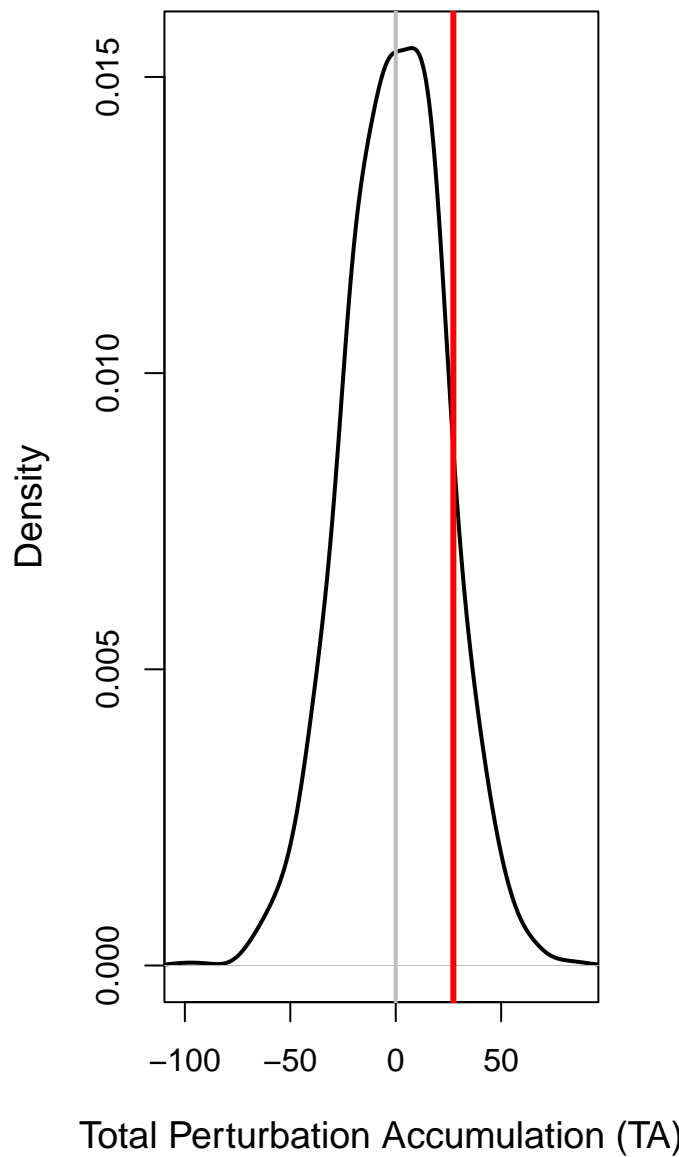
pathway ID=05132 P PERT=0.885



pathway ID=05133

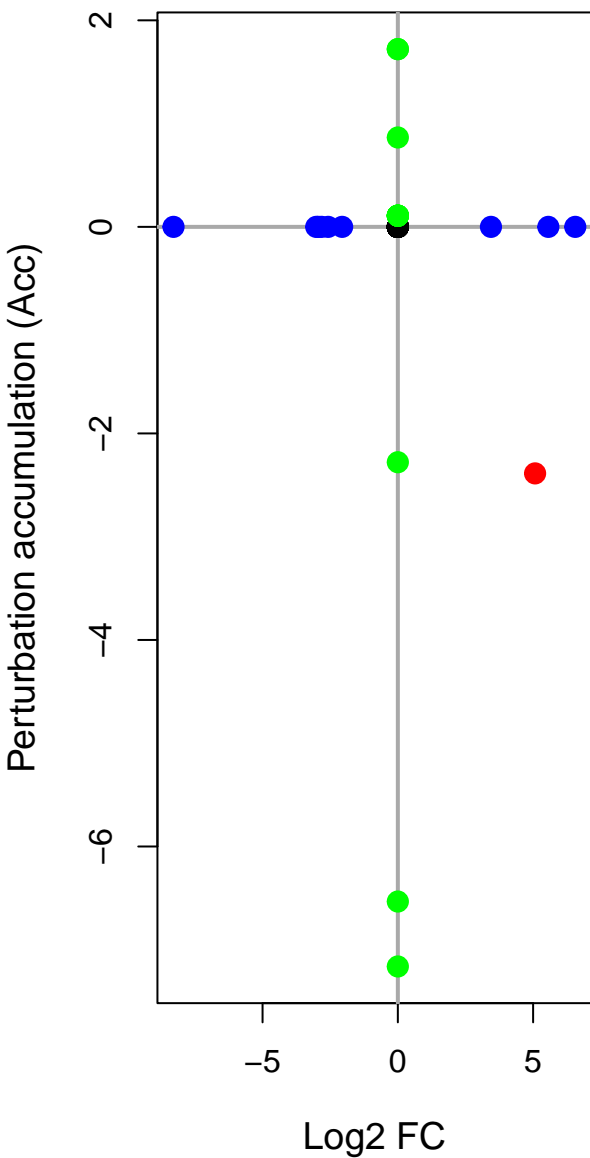


pathway ID=05133 P PERT=0.233

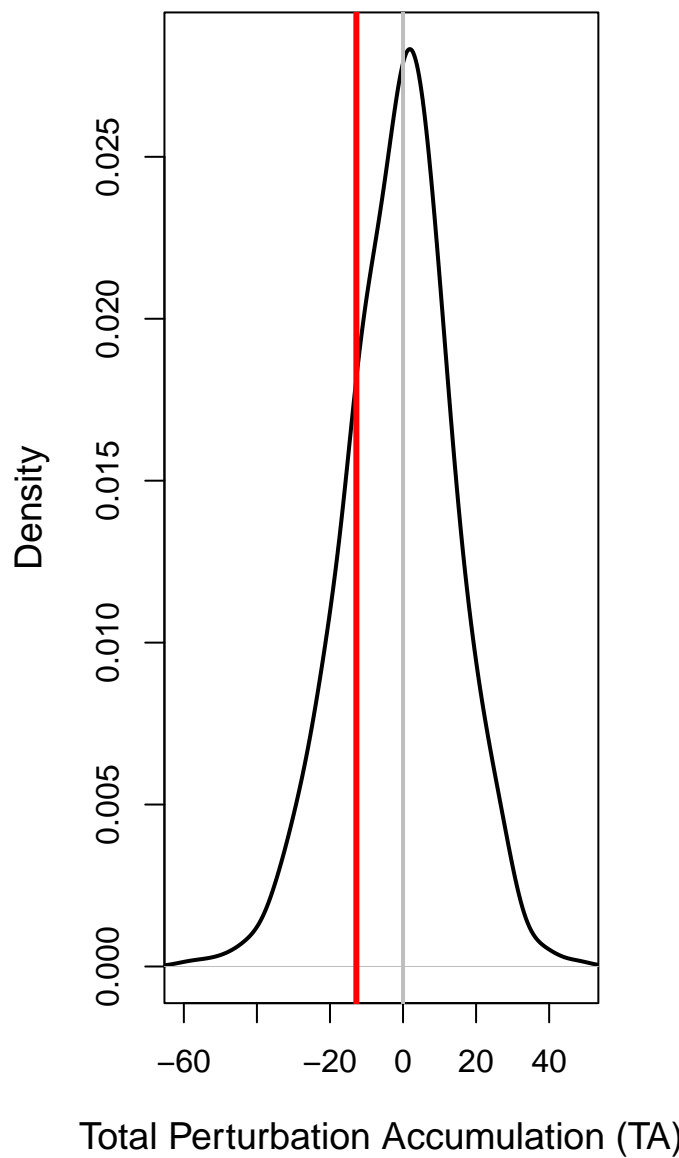




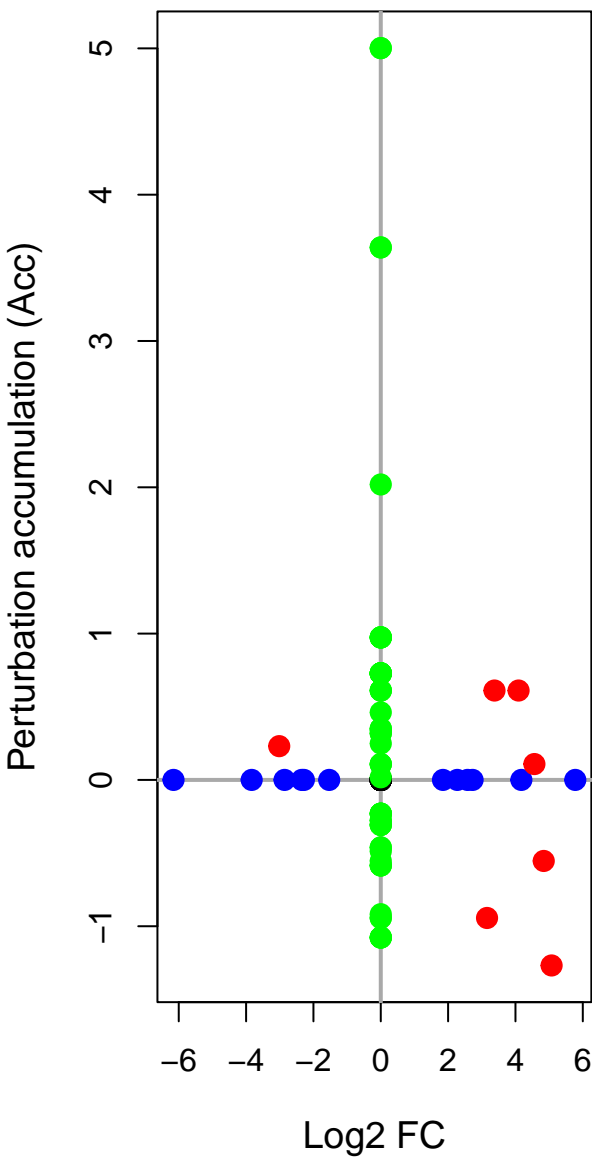
pathway ID=05134



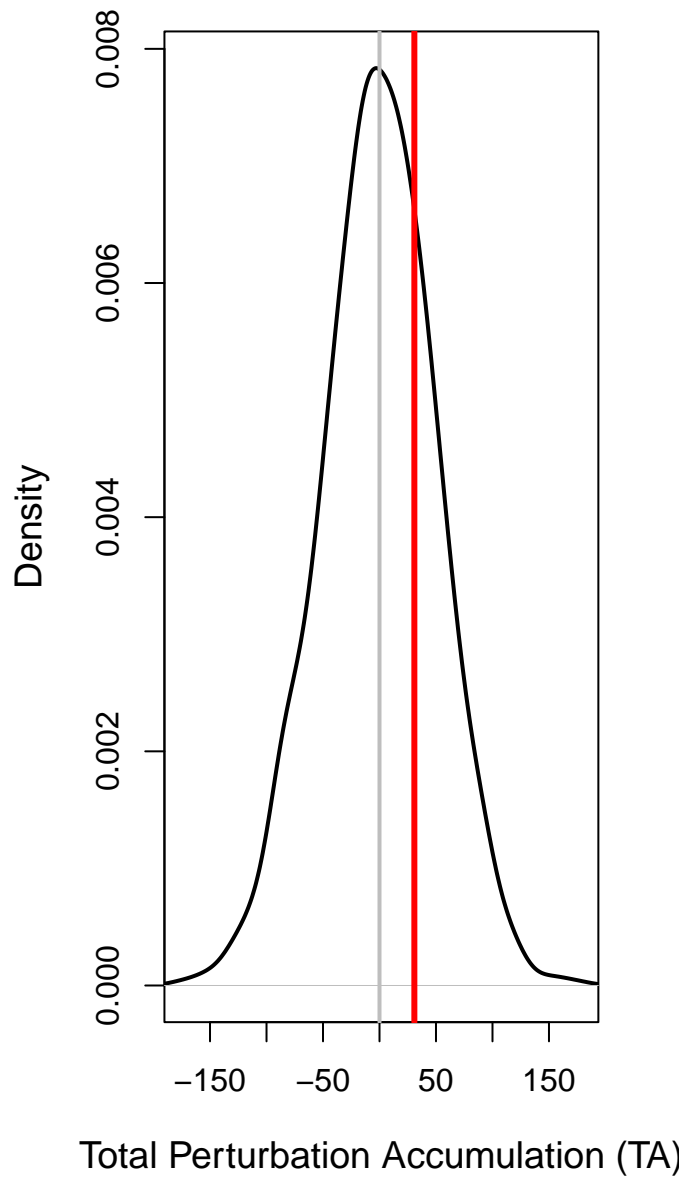
pathway ID=05134 P PERT=0.41



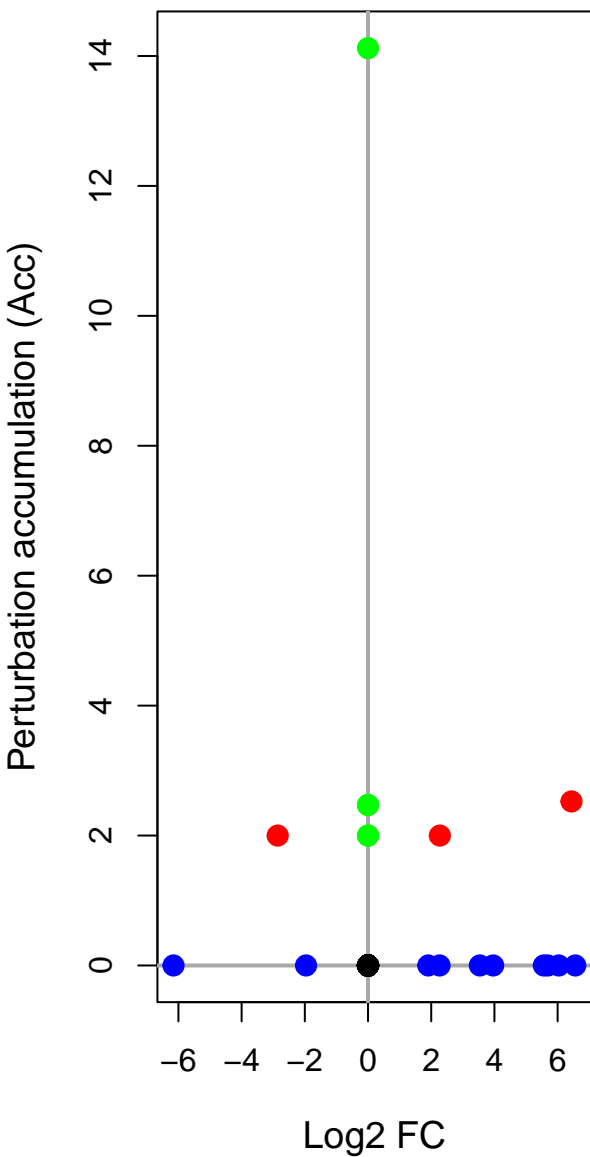
pathway ID=05135



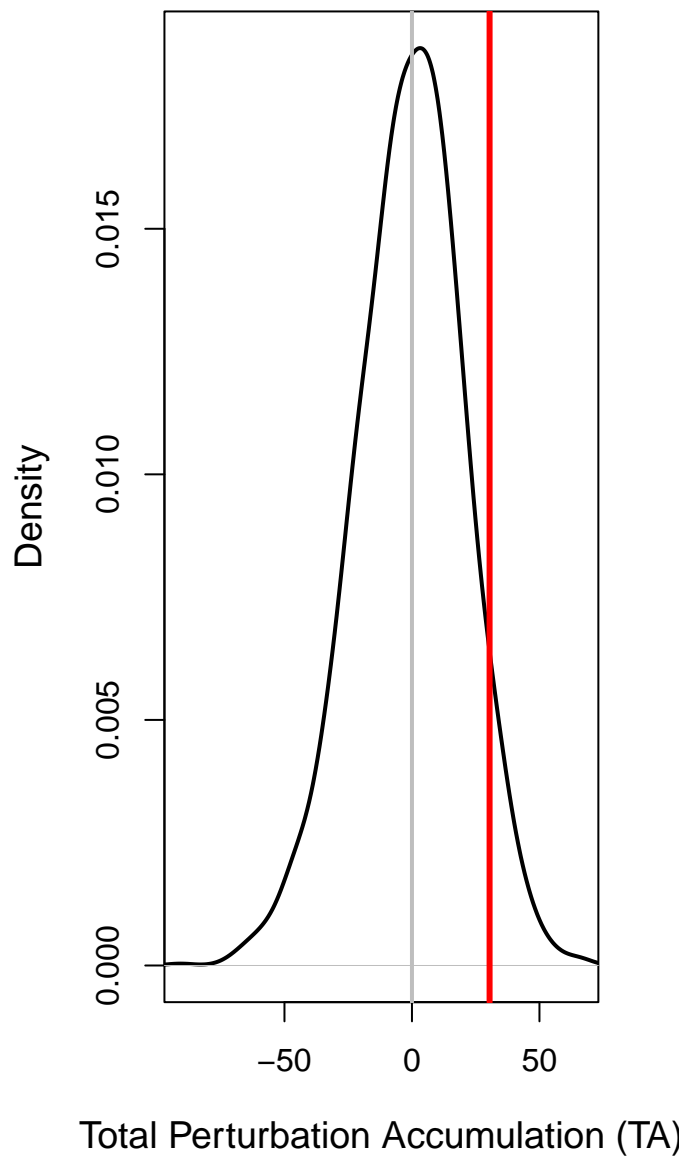
pathway ID=05135 P PERT=0.535



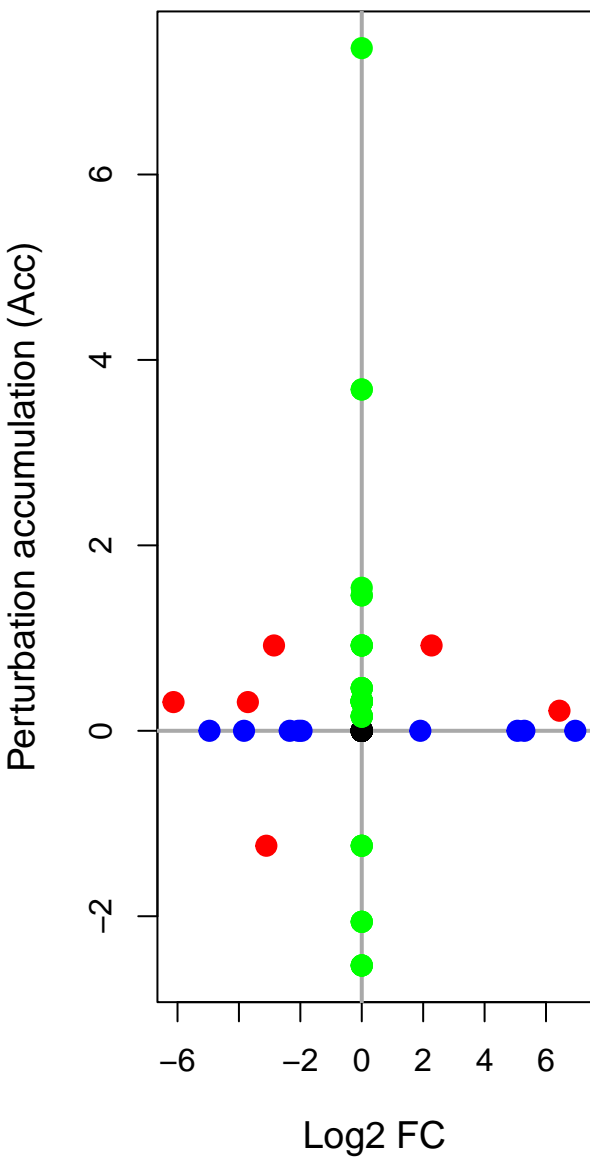
pathway ID=05140



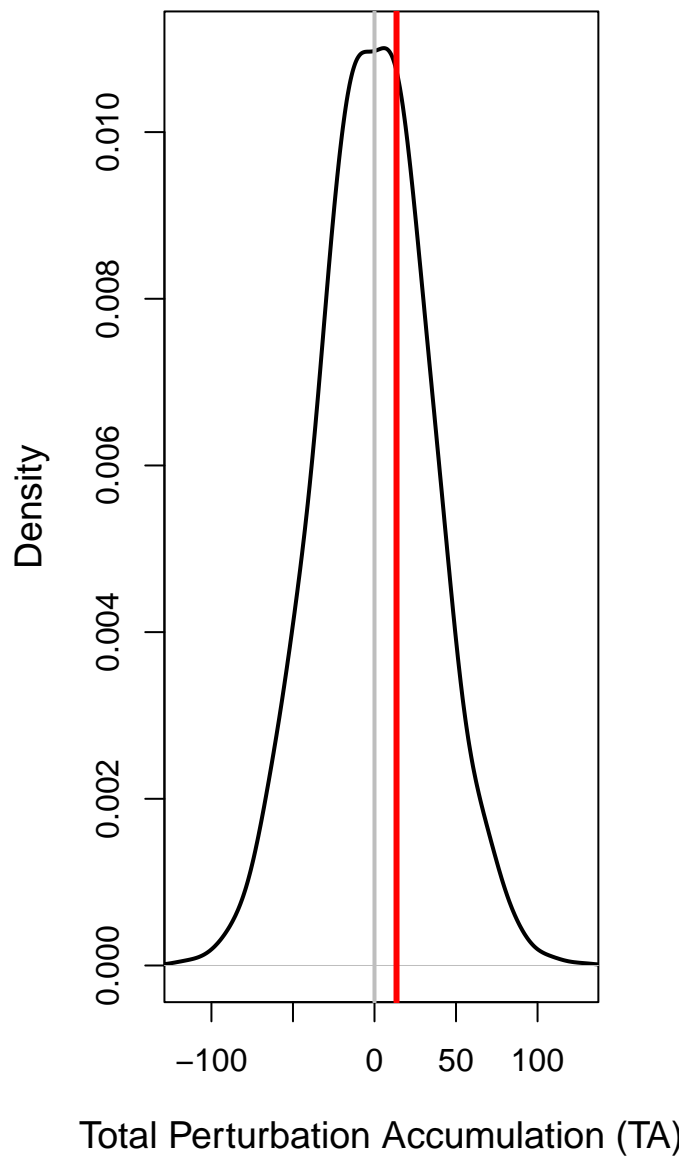
pathway ID=05140 P PERT=0.13



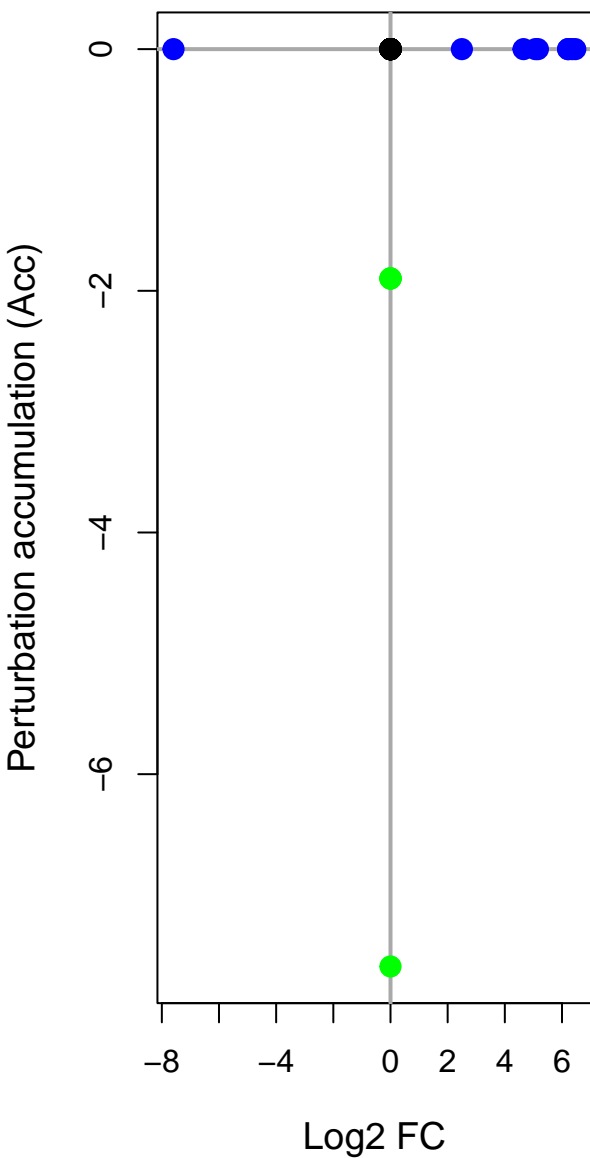
pathway ID=05142



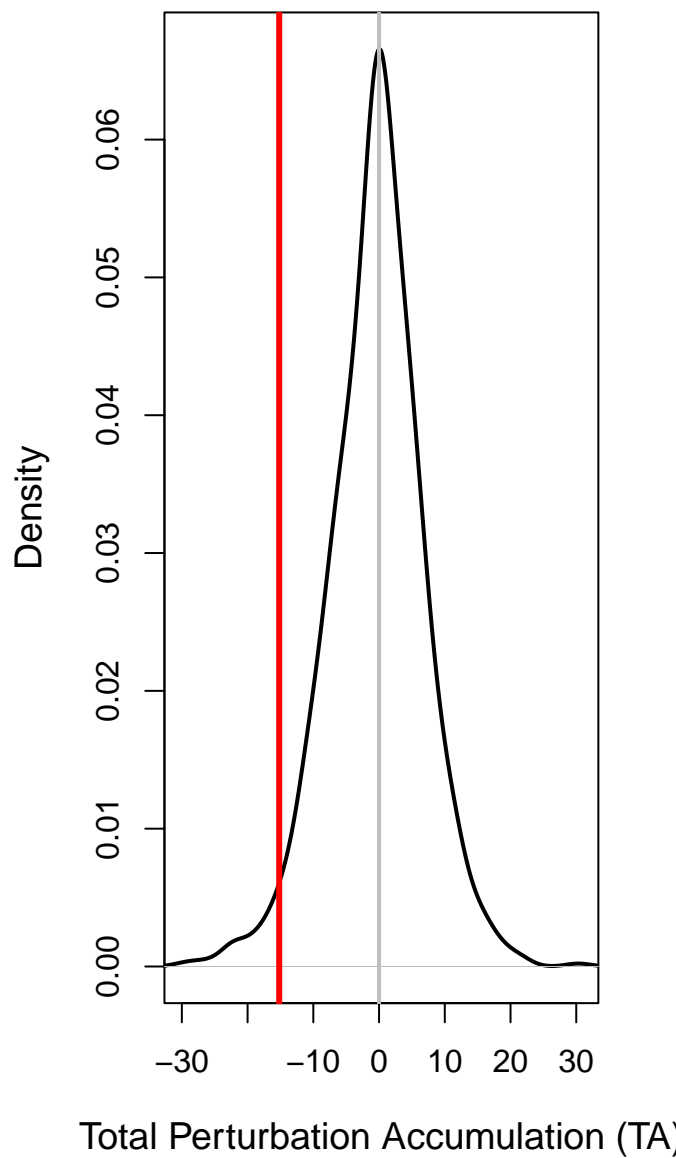
pathway ID=05142 P PERT=0.694



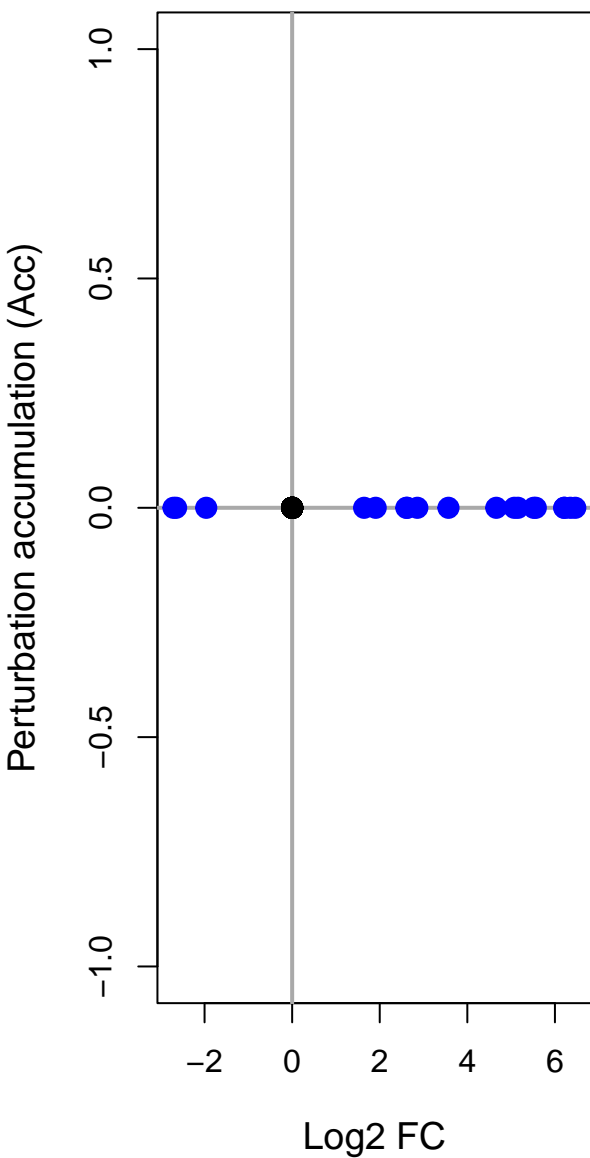
pathway ID=05143



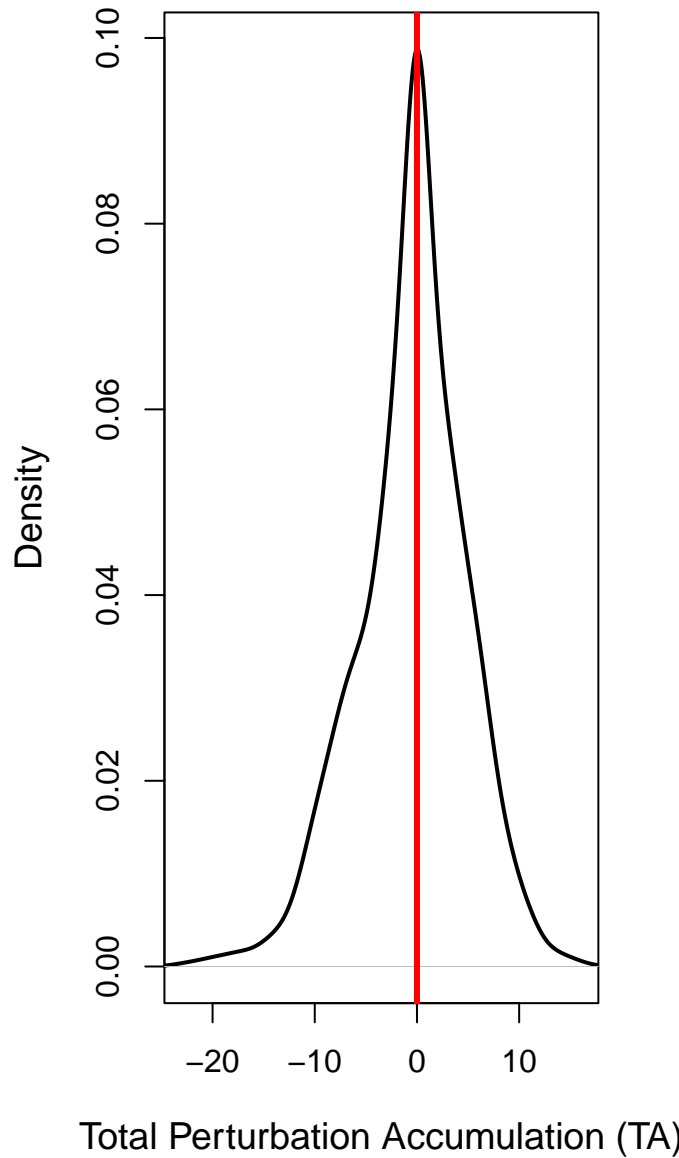
pathway ID=05143 P PERT=0.051



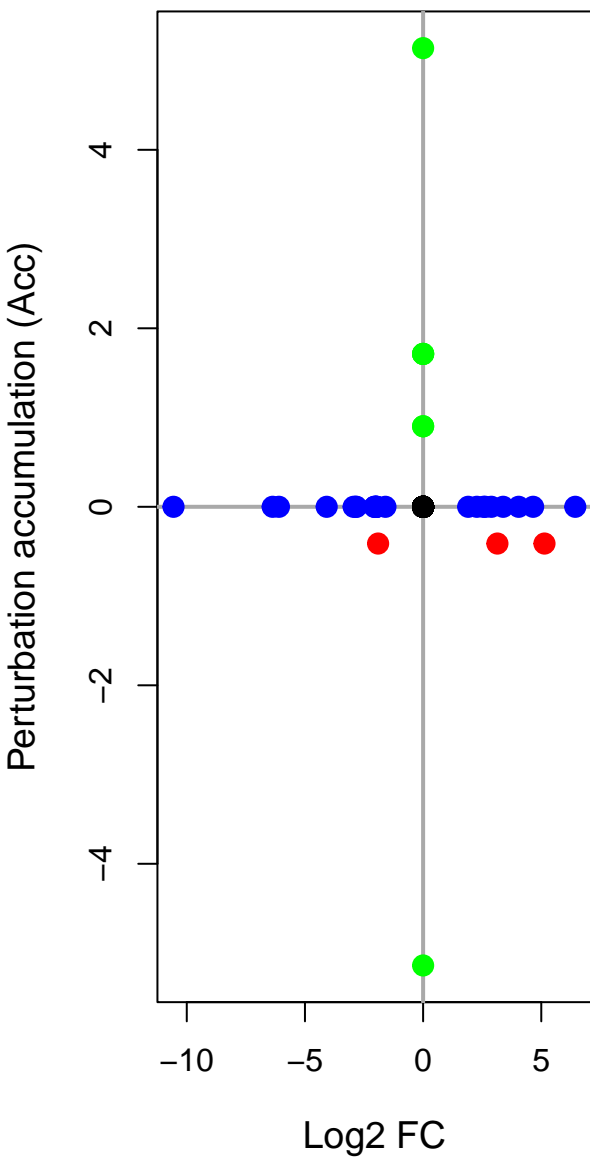
pathway ID=05144



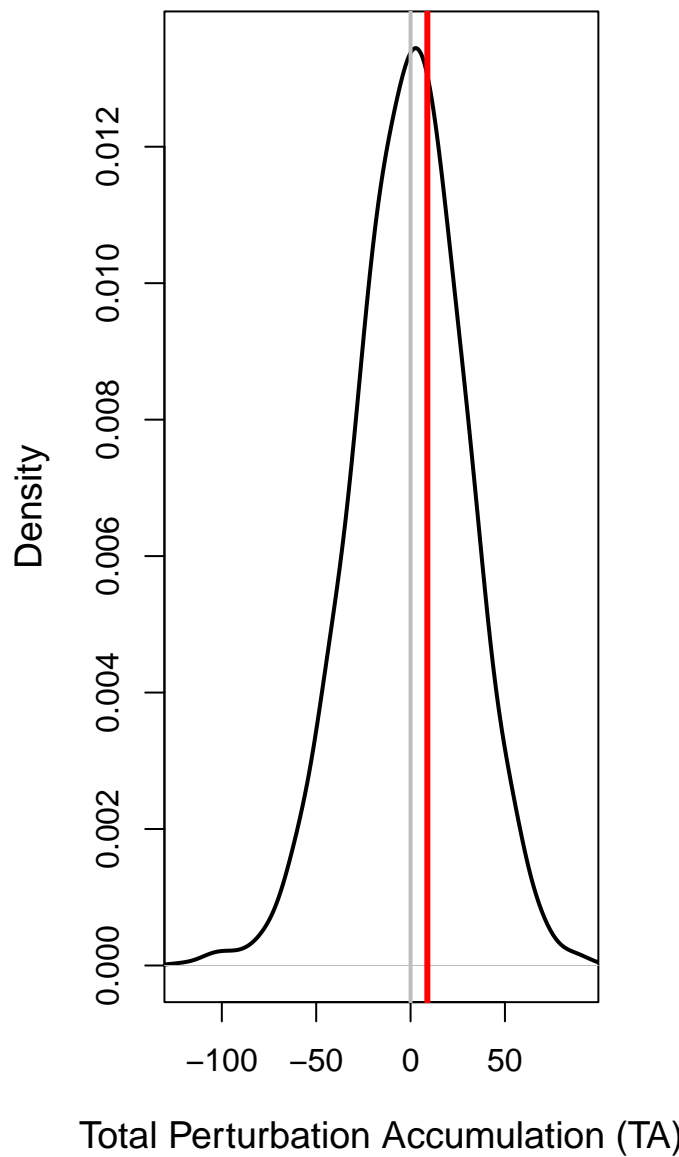
pathway ID=05144 P PERT=1



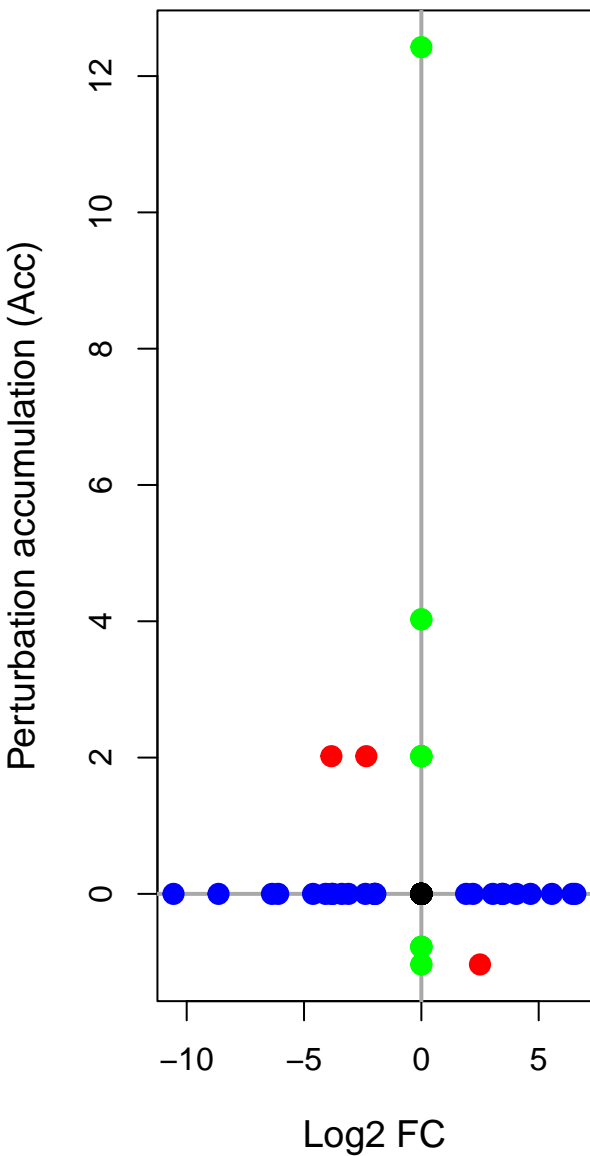
pathway ID=05145



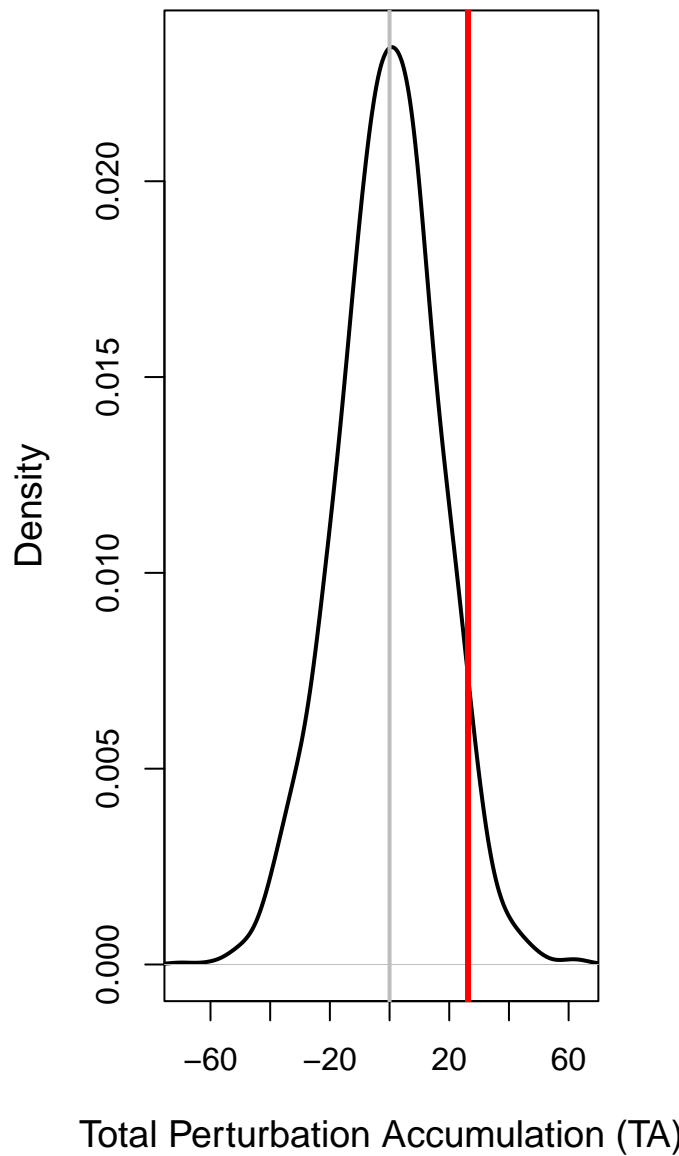
pathway ID=05145 P PERT=0.752



pathway ID=05146



pathway ID=05146 P PERT=0.102





A scatter plot with the following data points:

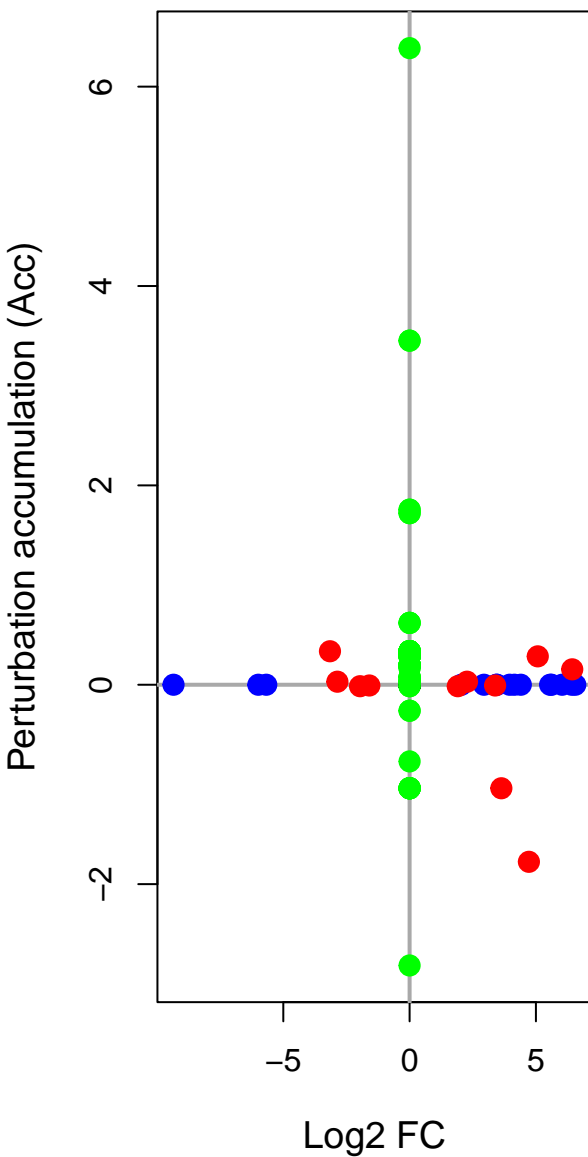
| Color | X   | Y    |
|-------|-----|------|
| Blue  | -10 | 0    |
| Blue  | -9  | 0    |
| Blue  | -8  | 0    |
| Blue  | -7  | 0    |
| Blue  | -6  | 0    |
| Blue  | -5  | 0    |
| Blue  | -4  | 0    |
| Blue  | -3  | 0    |
| Blue  | -2  | 0    |
| Blue  | -1  | 0    |
| Blue  | 0   | 0    |
| Blue  | 1   | 0    |
| Blue  | 2   | 0    |
| Blue  | 3   | 0    |
| Blue  | 4   | 0    |
| Blue  | 5   | 0    |
| Blue  | 6   | 0    |
| Blue  | 7   | 0    |
| Green | 0   | -1   |
| Green | 0   | -0.5 |
| Green | 0   | 0.2  |
| Green | 0   | 0.5  |
| Green | 0   | 0.8  |
| Green | 0   | 1    |
| Red   | 5   | 0.5  |

# Density

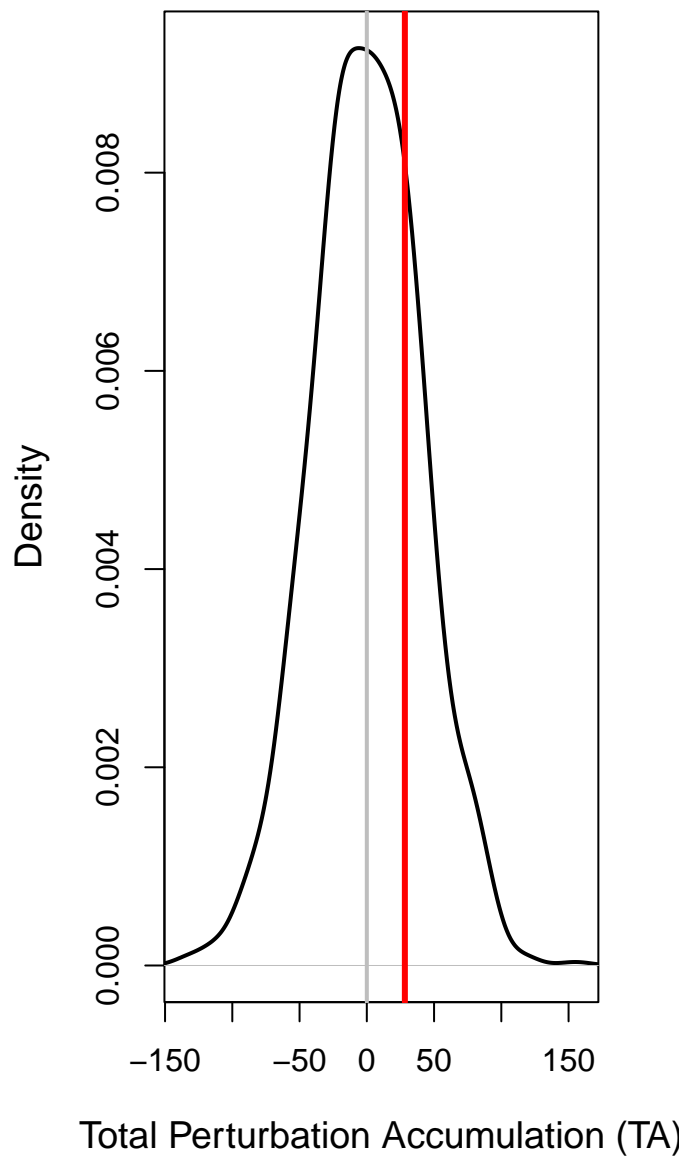
A plot of a normal distribution curve centered at 0. The x-axis ranges from -100 to 100, and the y-axis ranges from 0.000 to 0.015. A vertical gray line is at x=0, and a vertical red line is at approximately x=70.

## Total Perturbation Accumulation (TA)

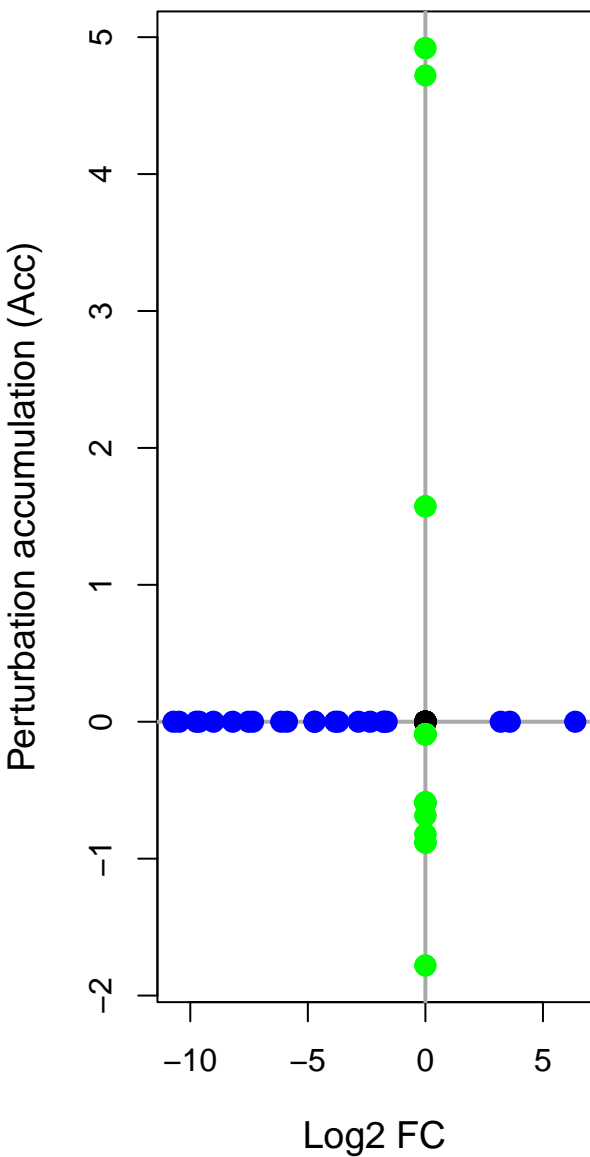
pathway ID=05152



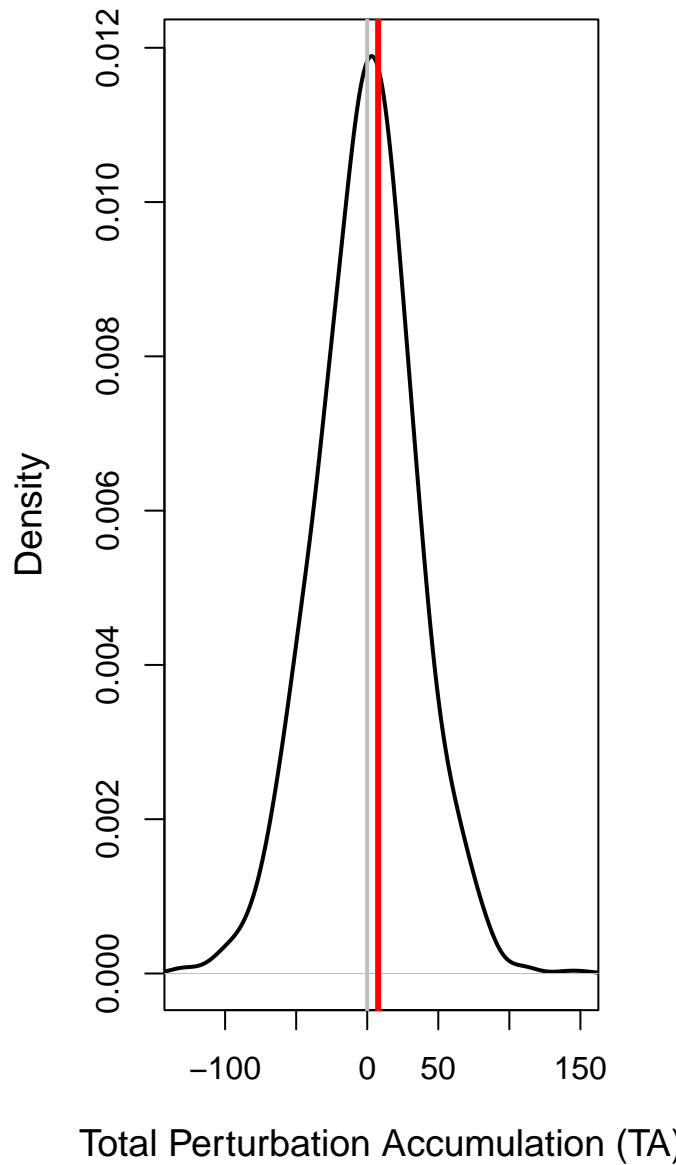
pathway ID=05152 P PERT=0.488



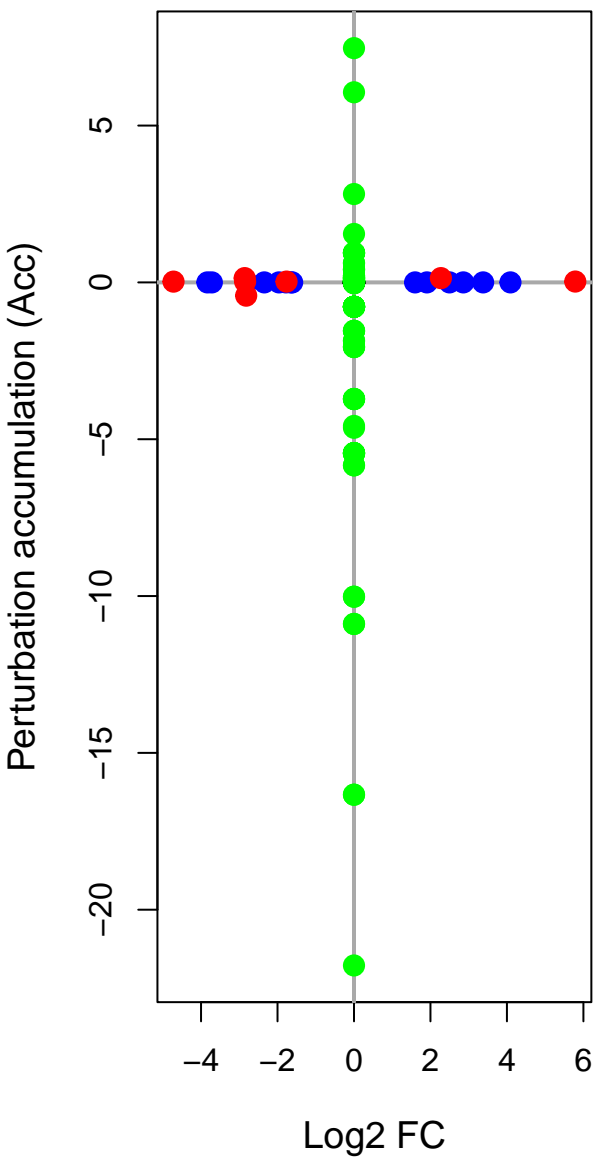
pathway ID=05160



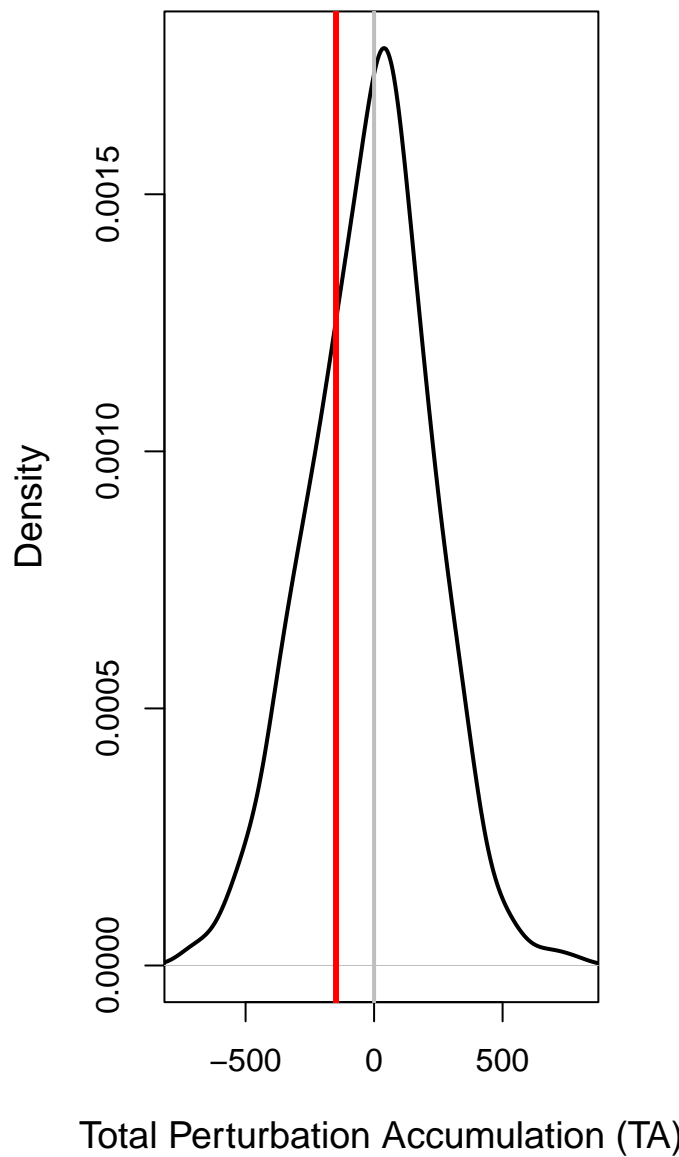
pathway ID=05160 P PERT=0.814



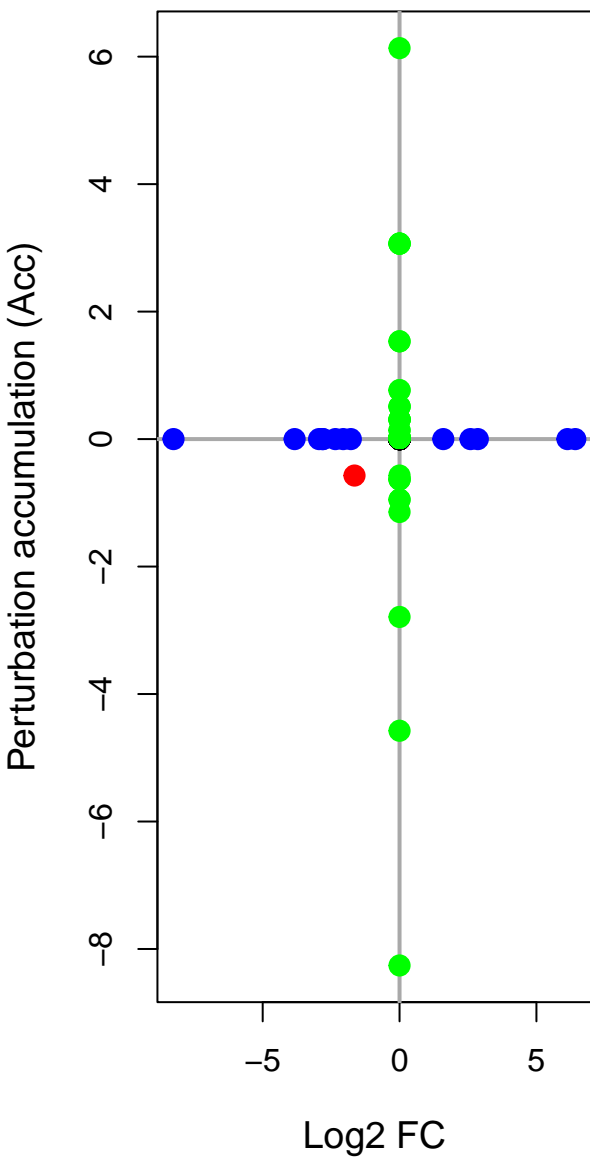
pathway ID=05161



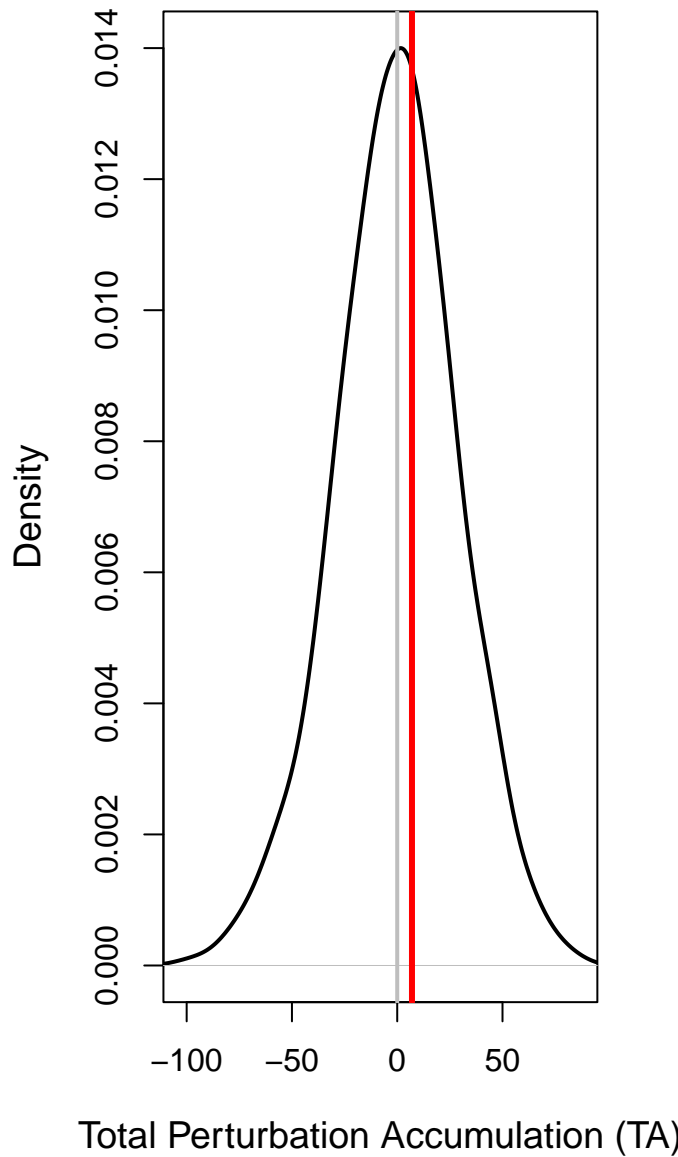
pathway ID=05161 P PERT=0.554



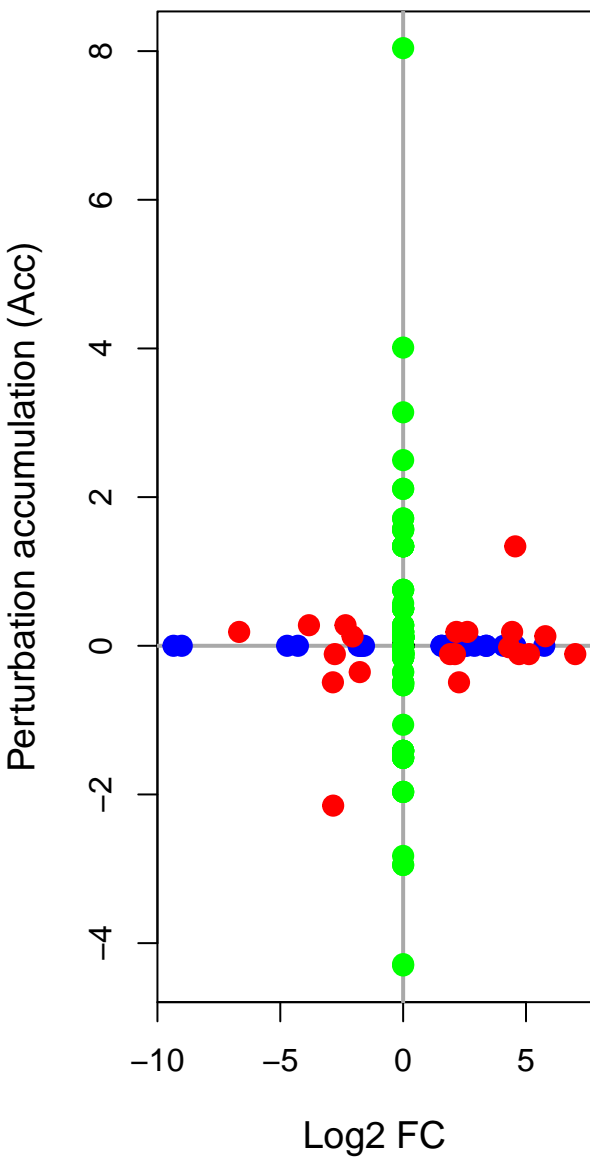
pathway ID=05162



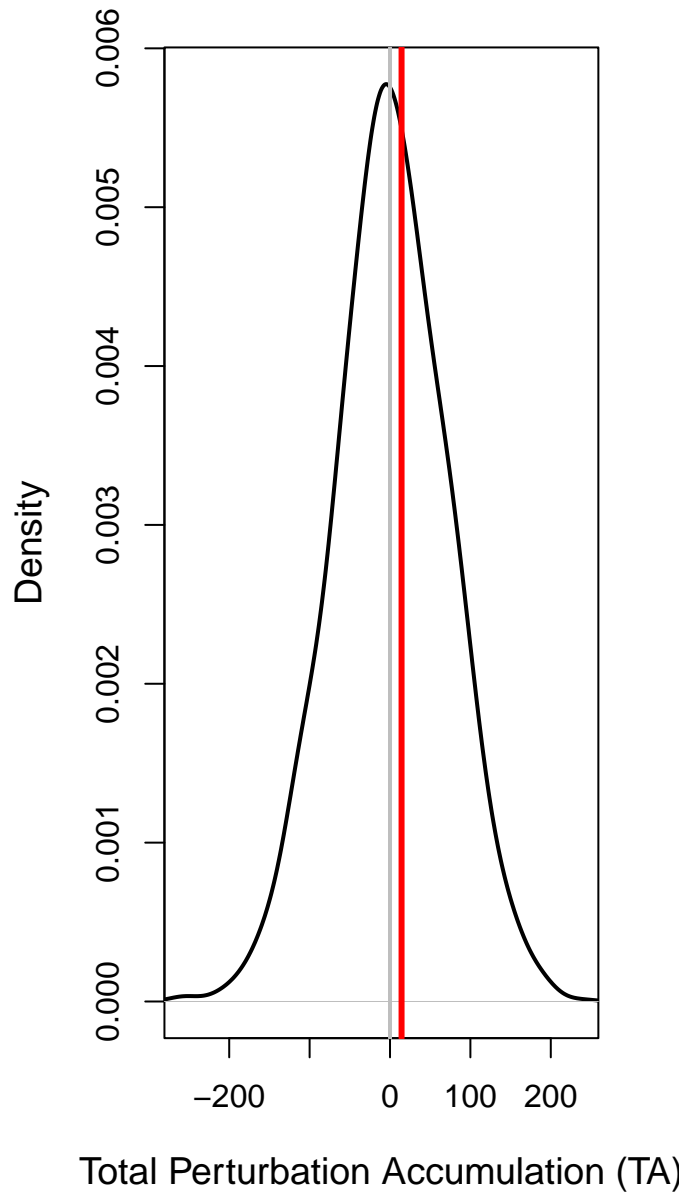
pathway ID=05162 P PERT=0.795



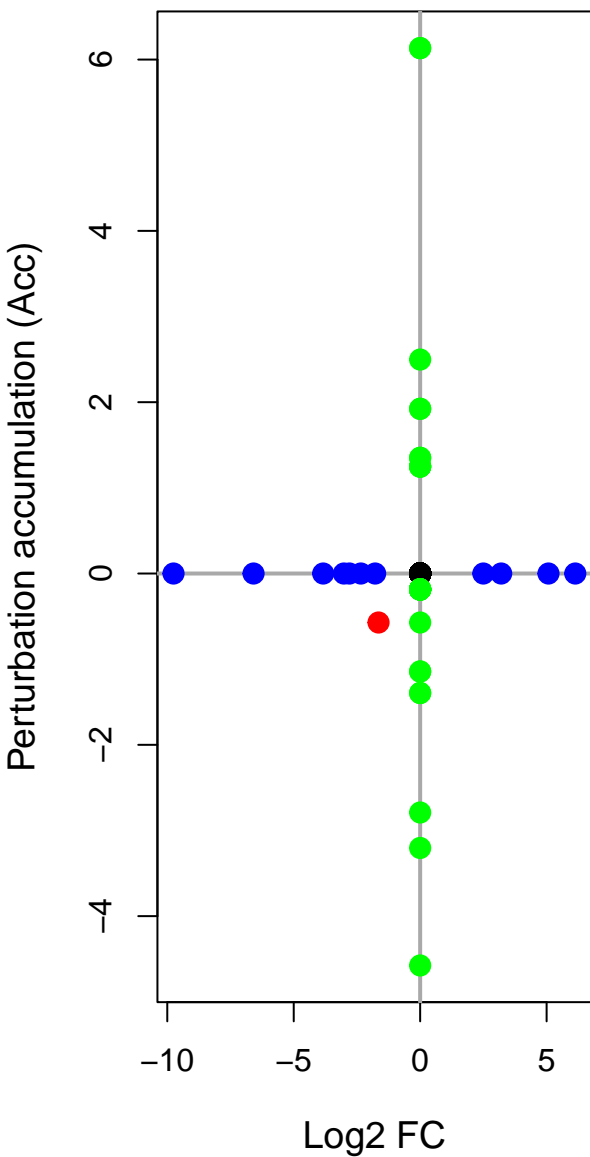
pathway ID=05163



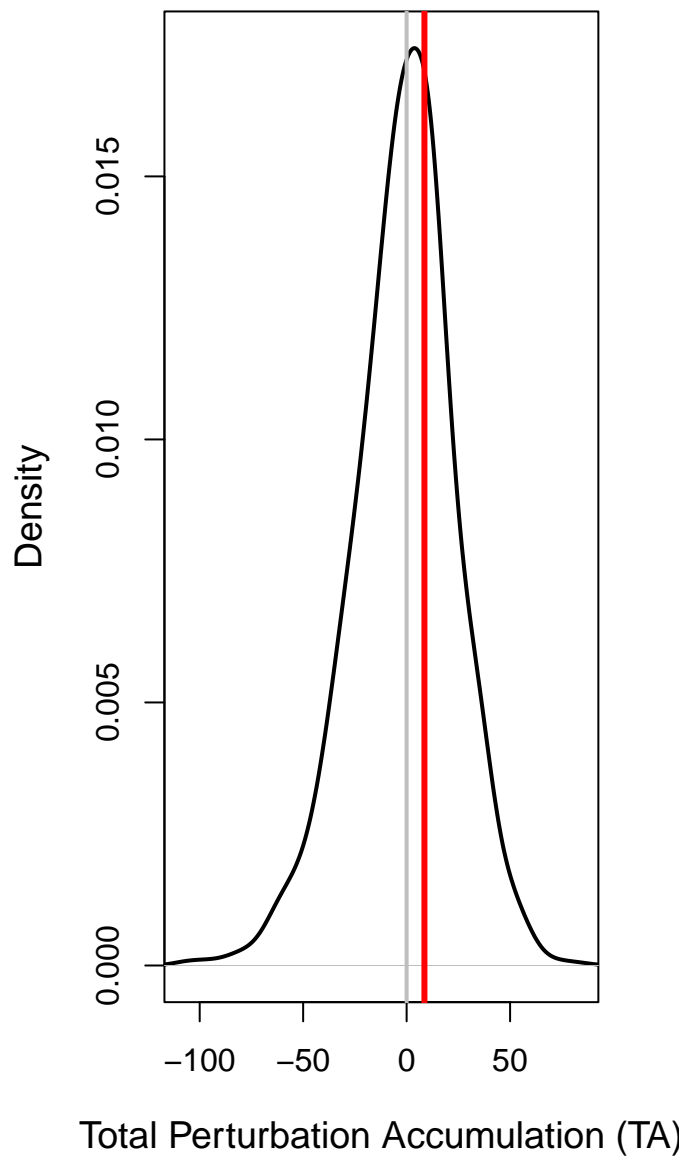
pathway ID=05163 P PERT=0.84



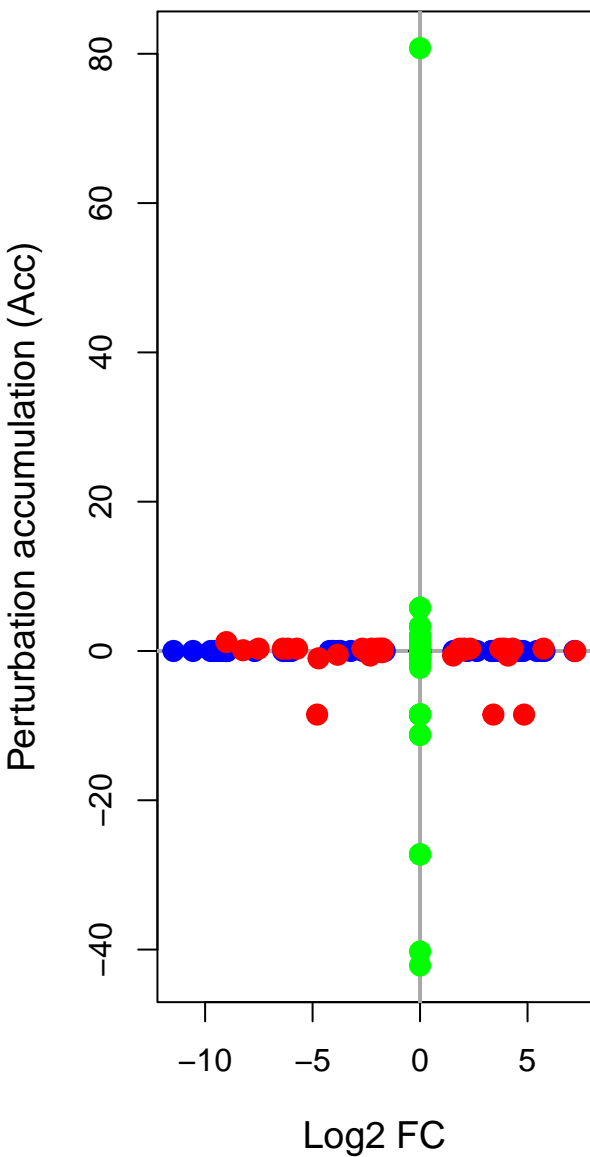
pathway ID=05164



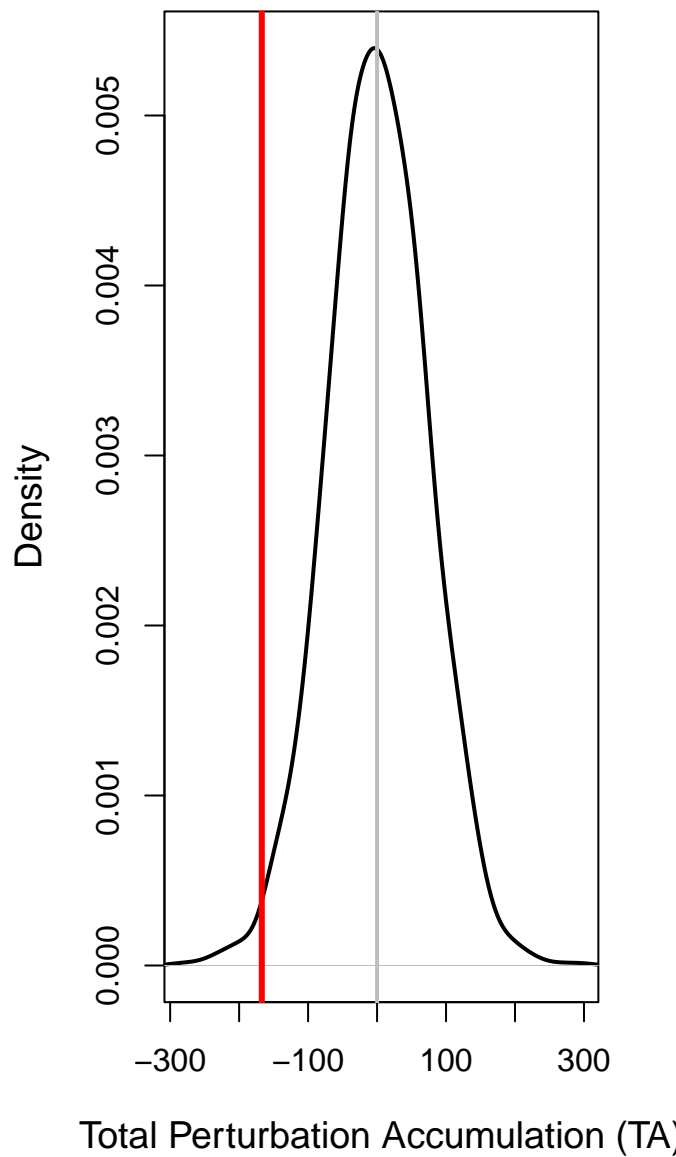
pathway ID=05164 P PERT=0.701



pathway ID=05165

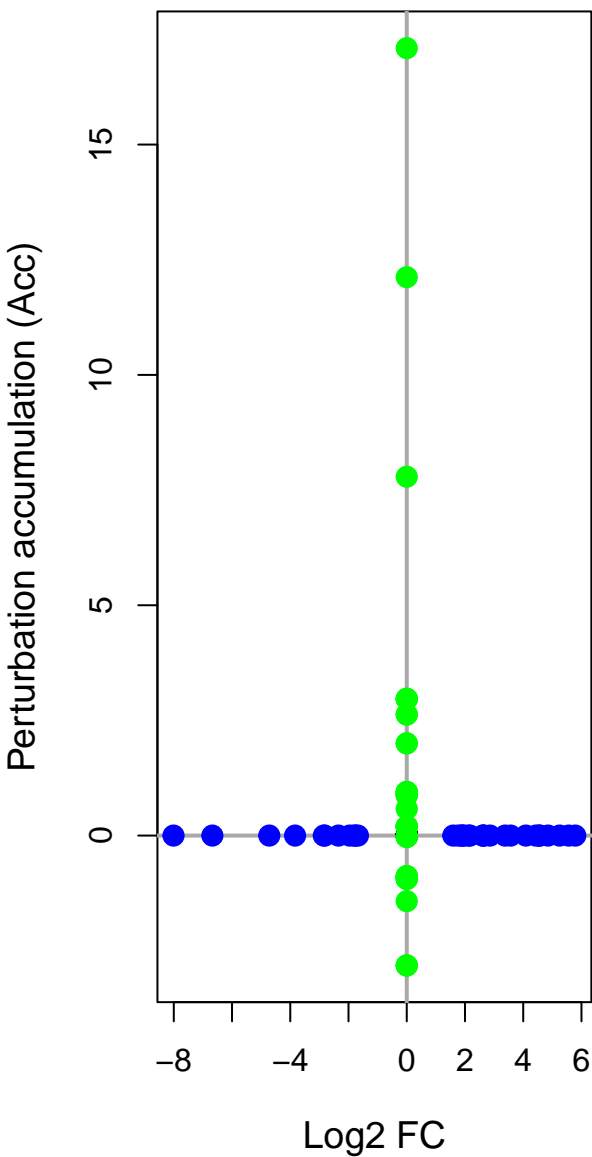


pathway ID=05165 P PERT=0.02

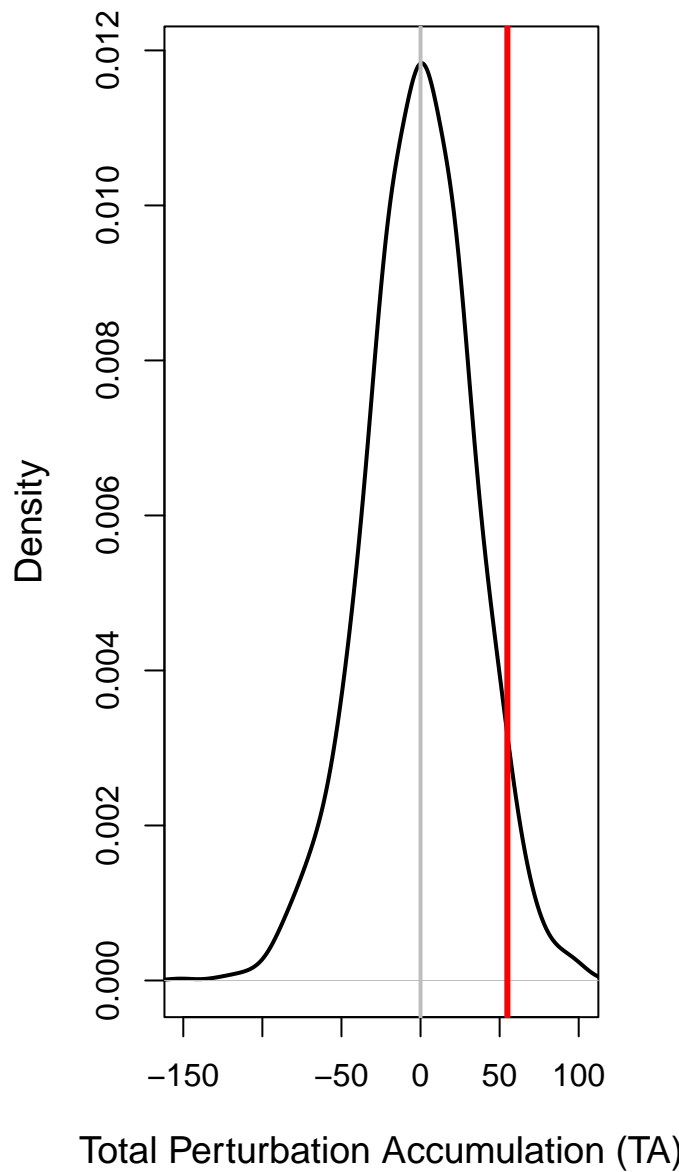




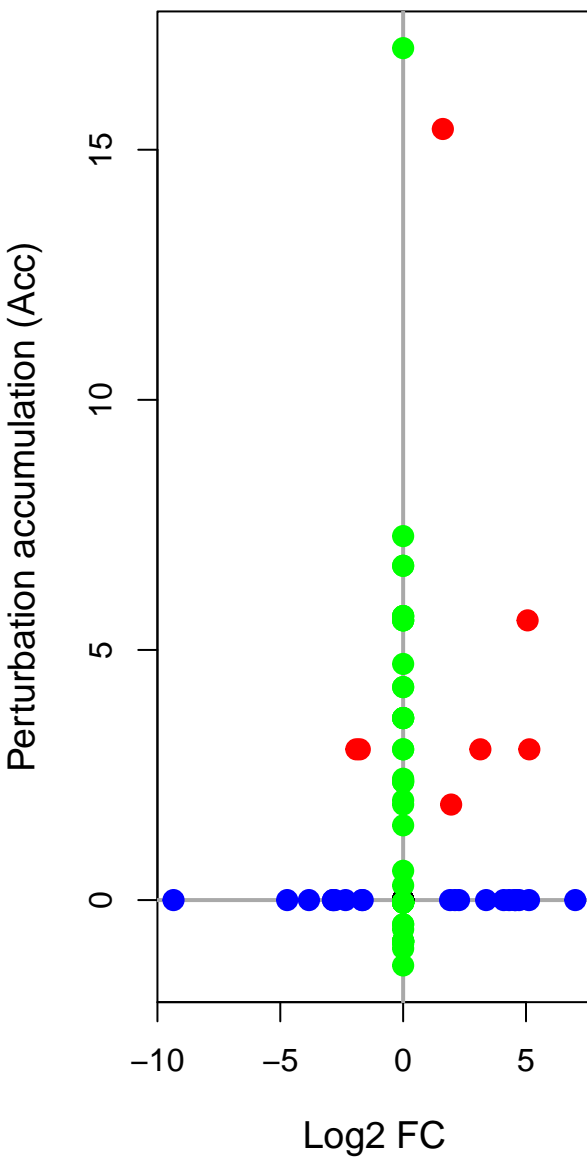
pathway ID=05166



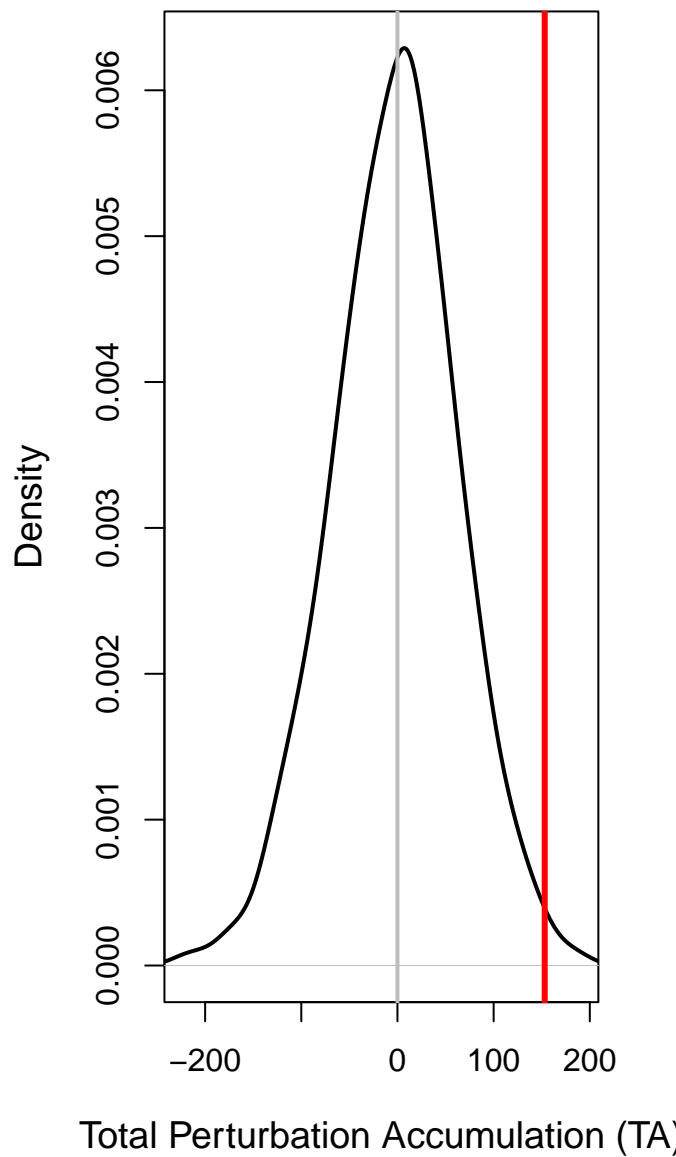
pathway ID=05166 P PERT=0.09



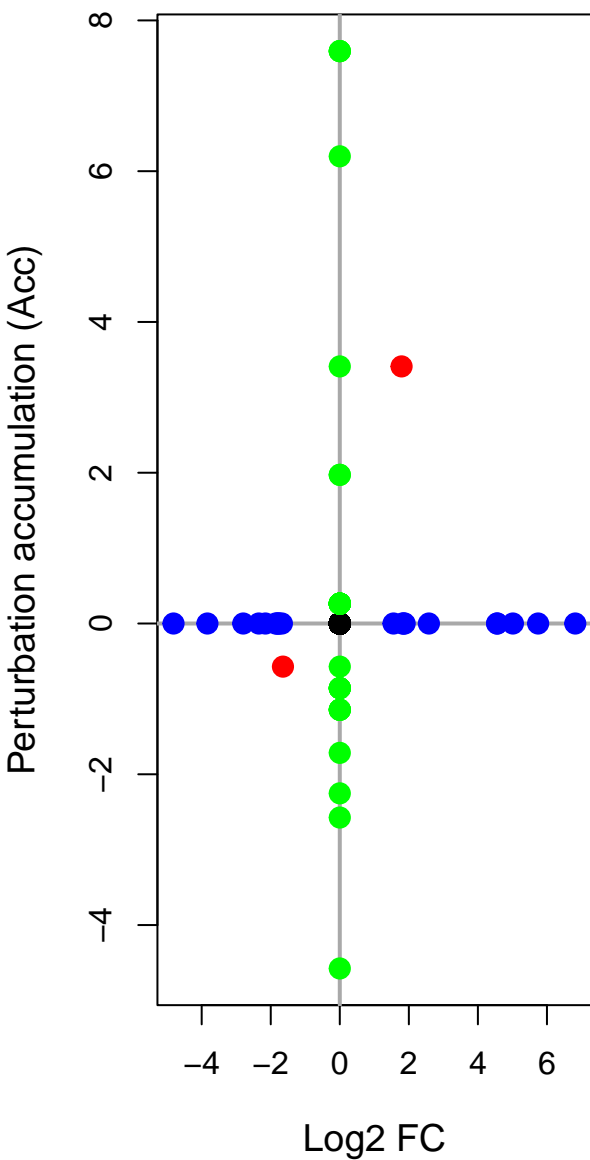
pathway ID=05167



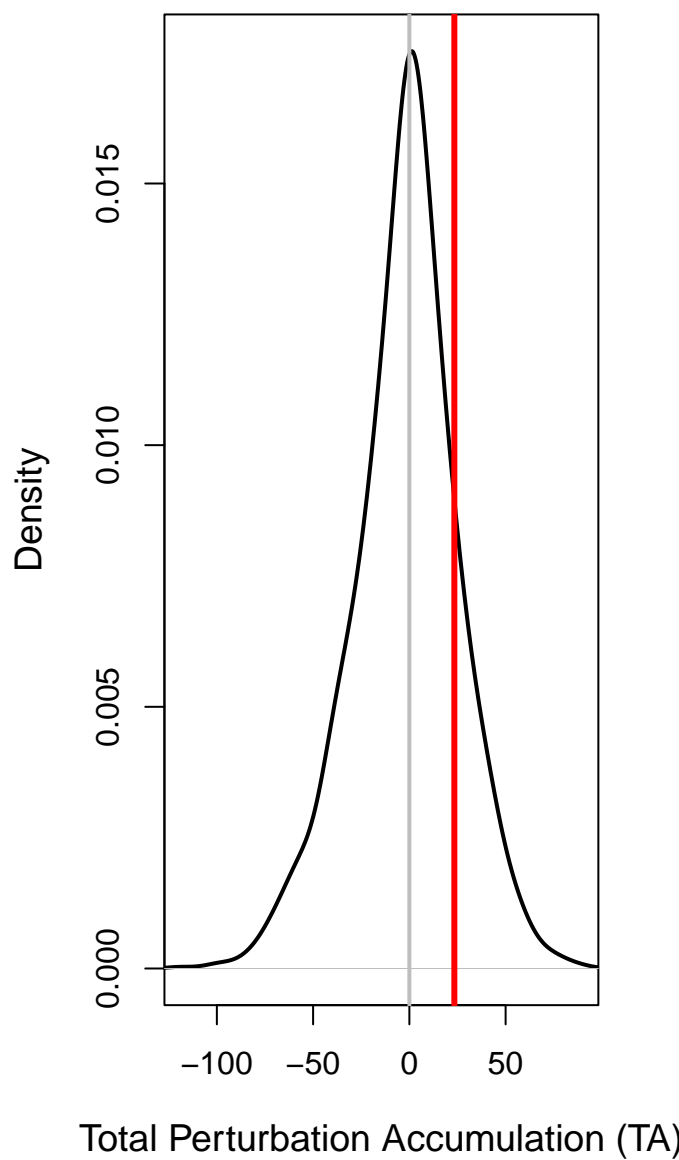
pathway ID=05167 P PERT=0.014



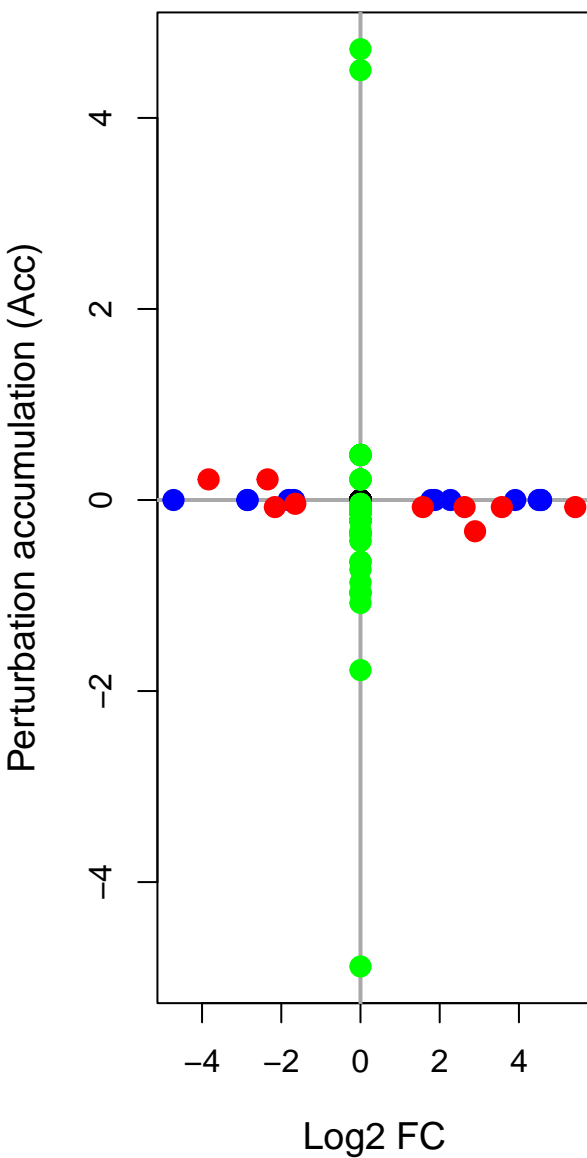
pathway ID=05168



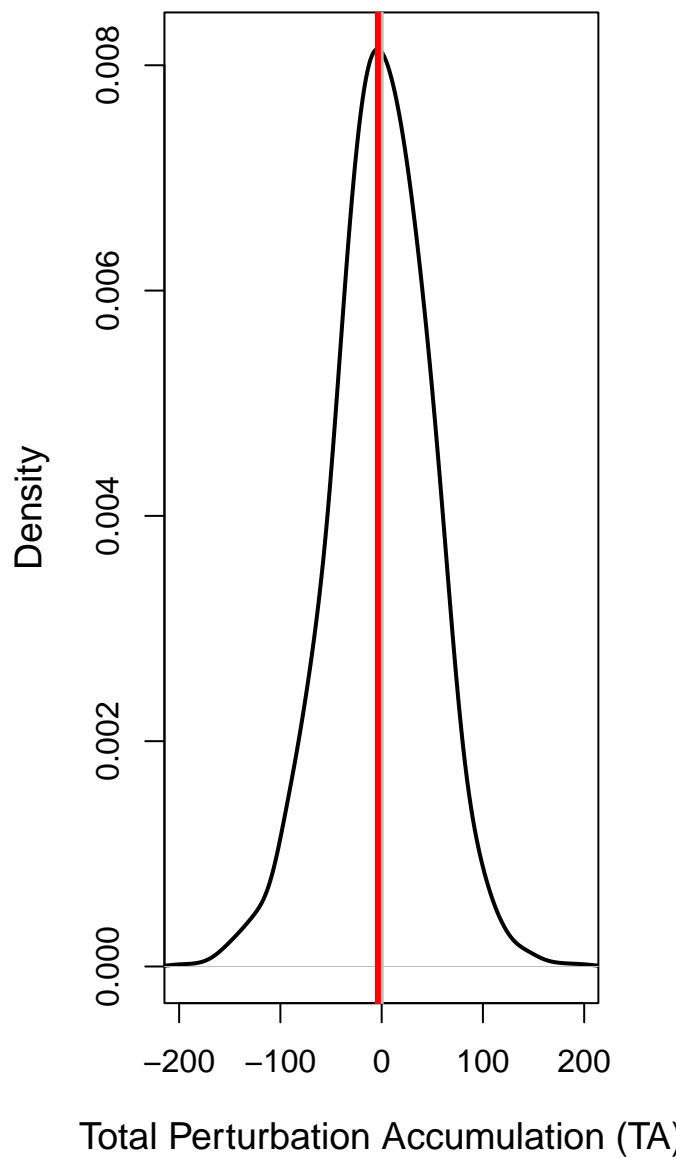
pathway ID=05168 P PERT=0.319



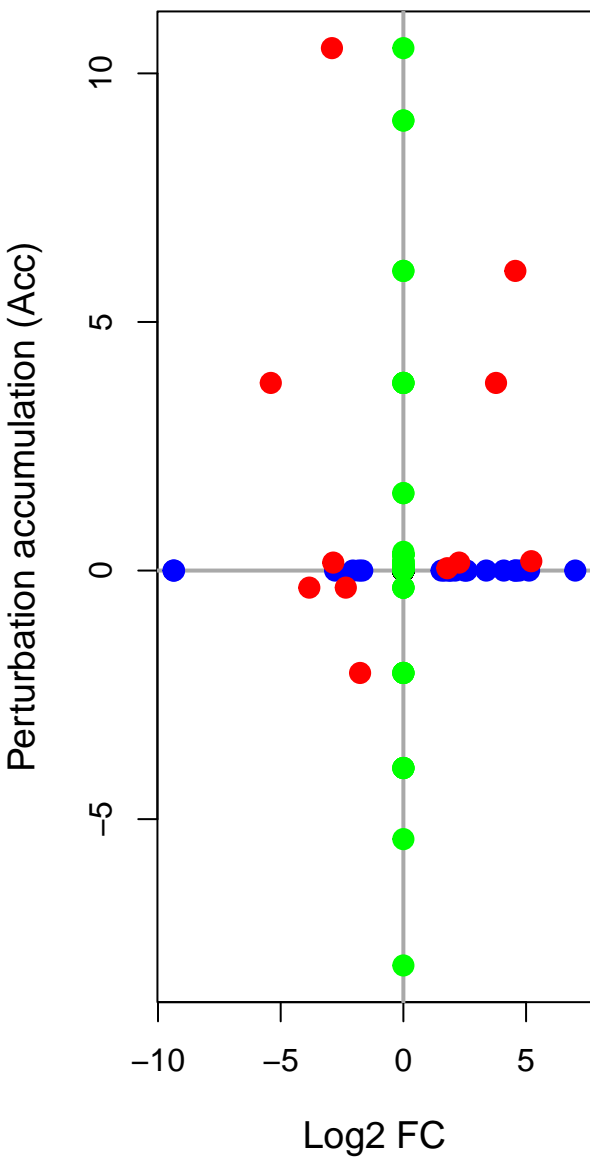
pathway ID=05169



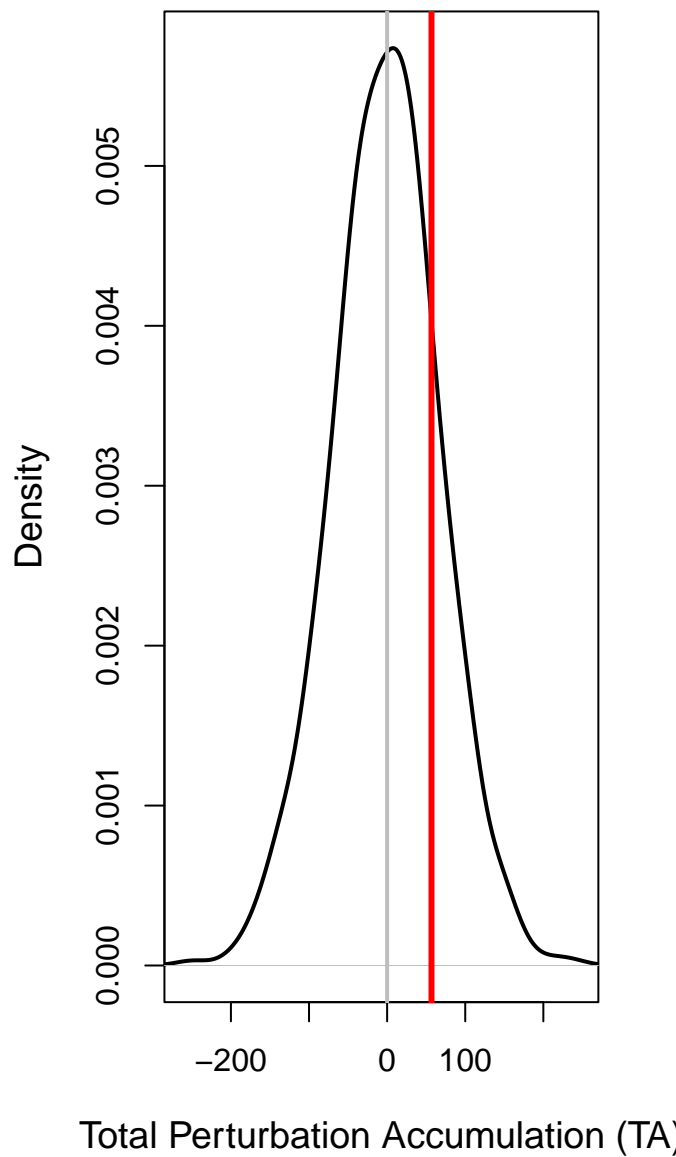
pathway ID=05169 P PERT=0.945



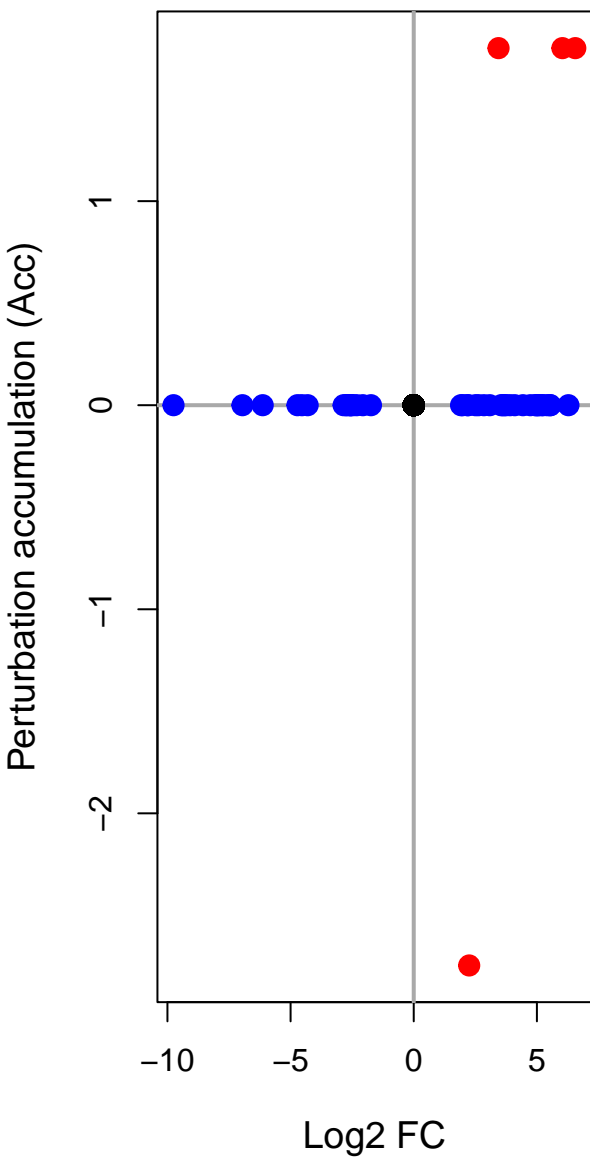
pathway ID=05170



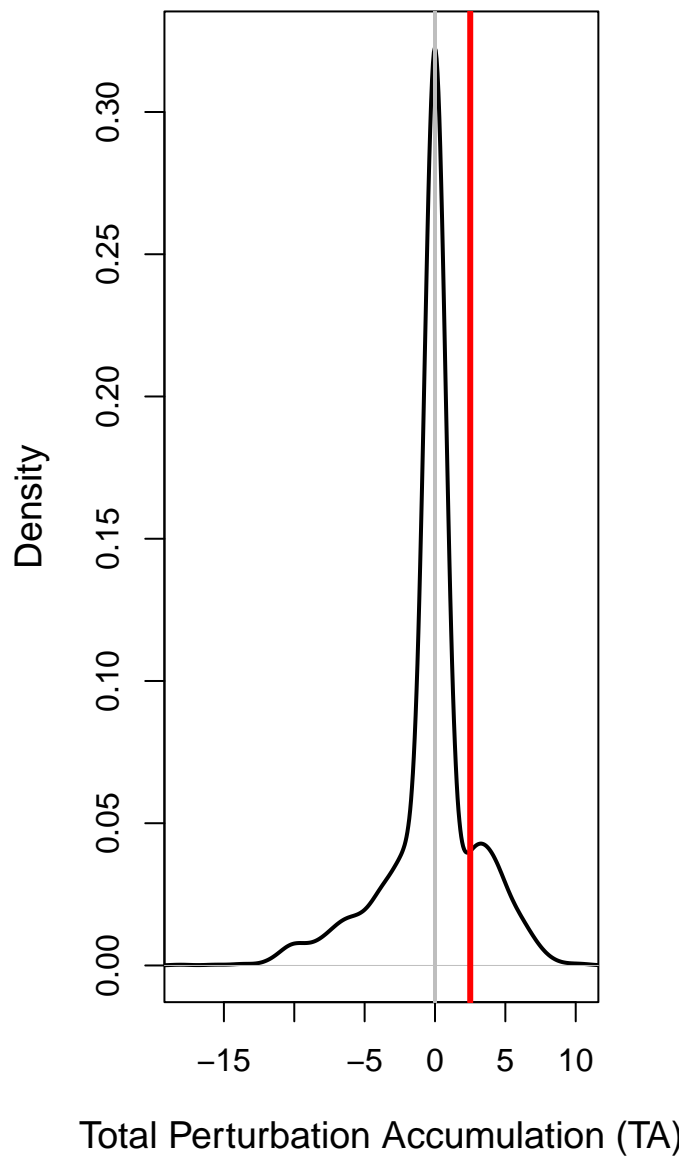
pathway ID=05170 P PERT=0.377



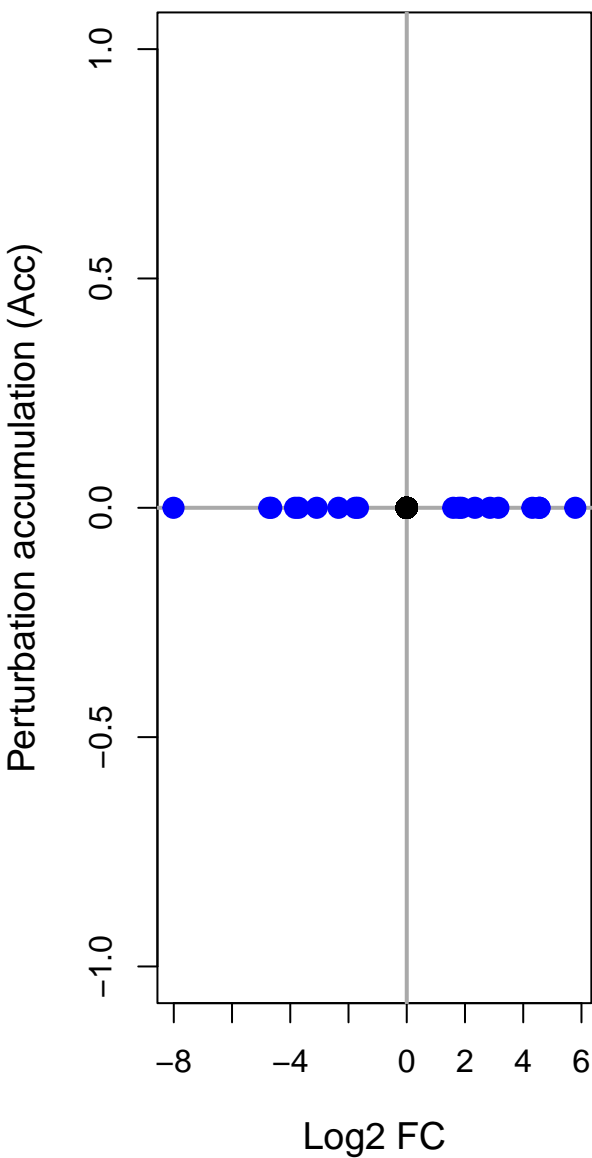
pathway ID=05202



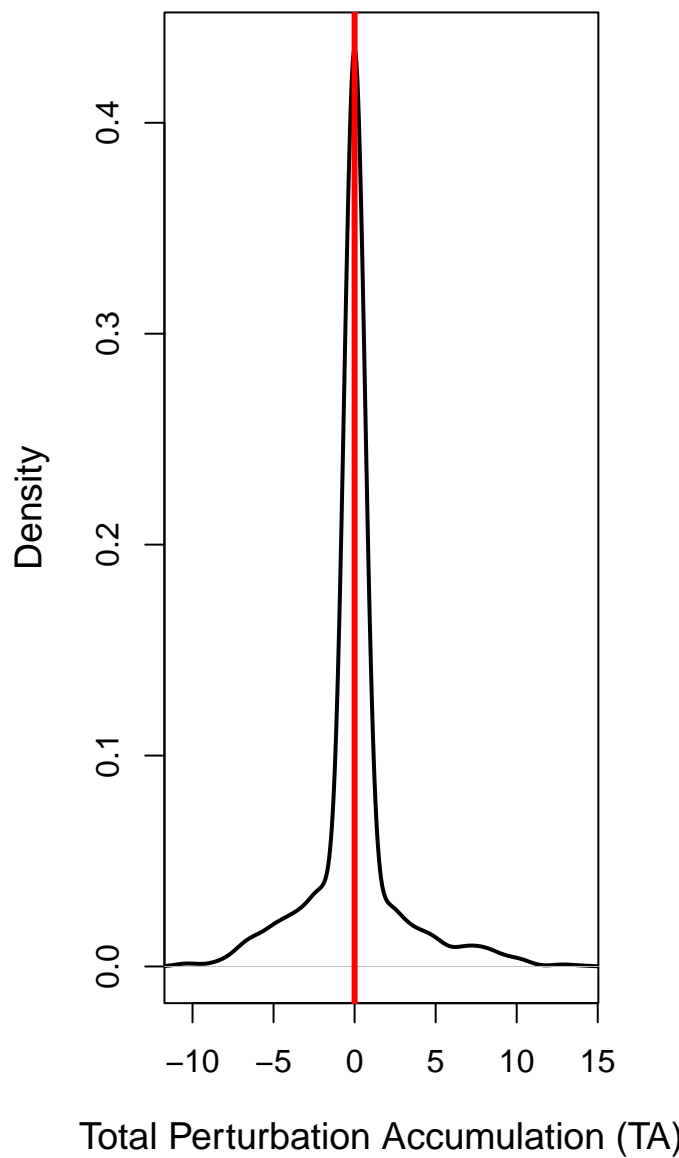
pathway ID=05202 P PERT=0.305



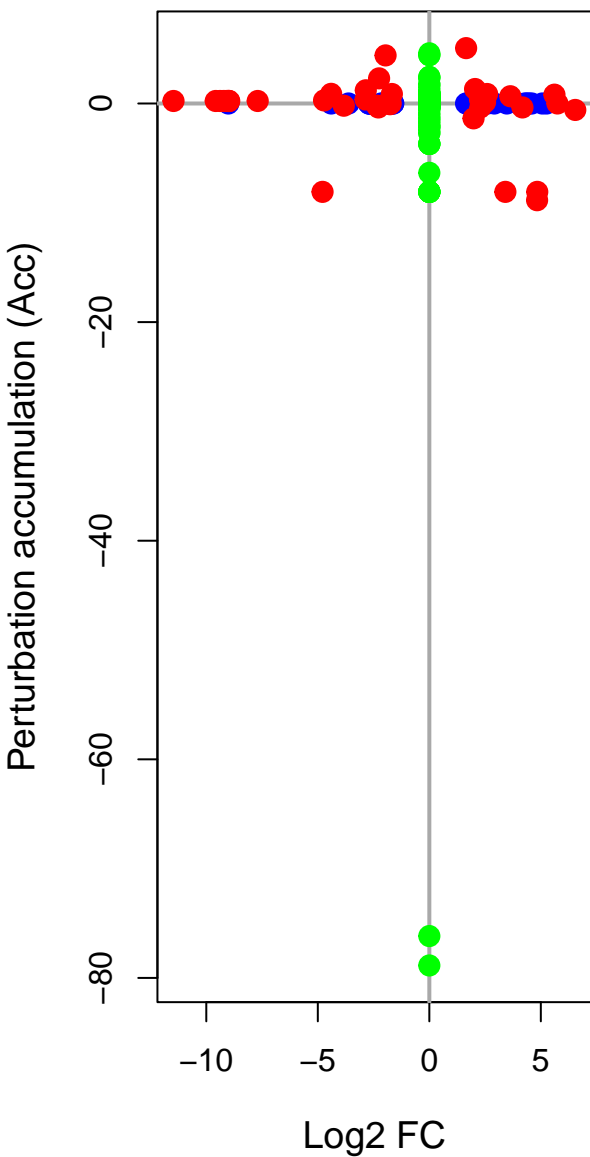
pathway ID=05203



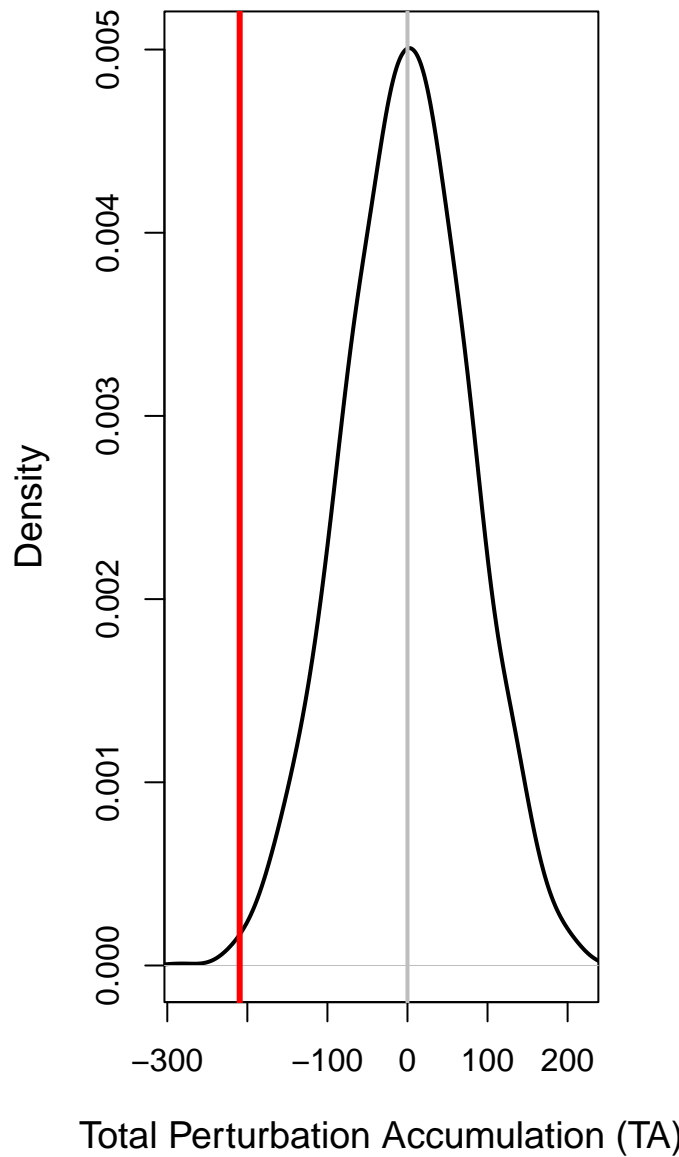
pathway ID=05203 P PERT=1



pathway ID=05205

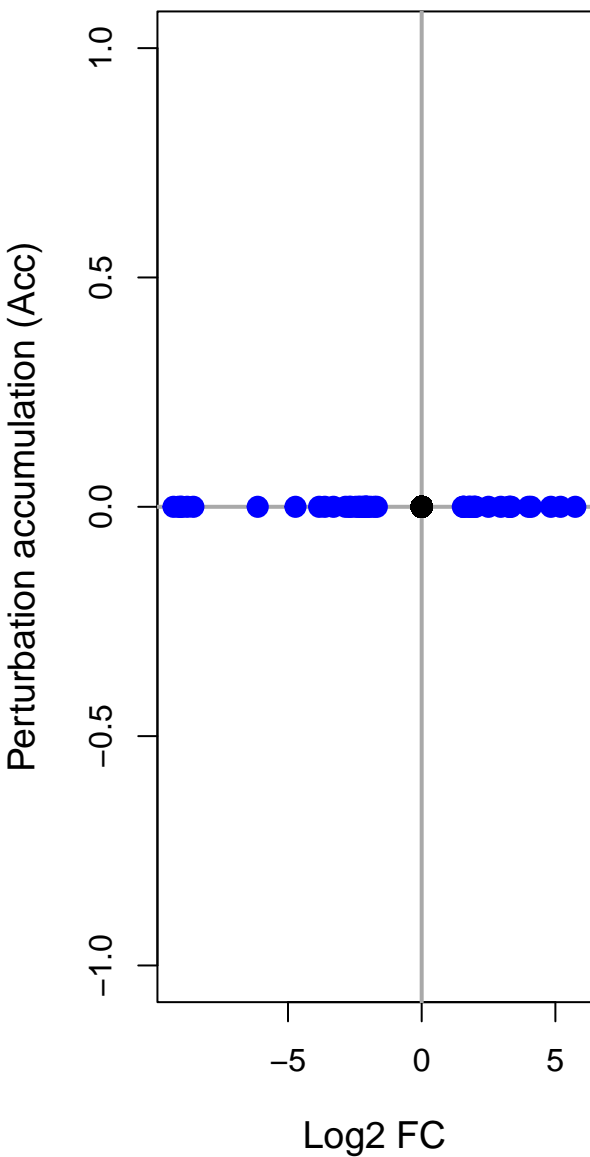


pathway ID=05205 P PERT=0.006

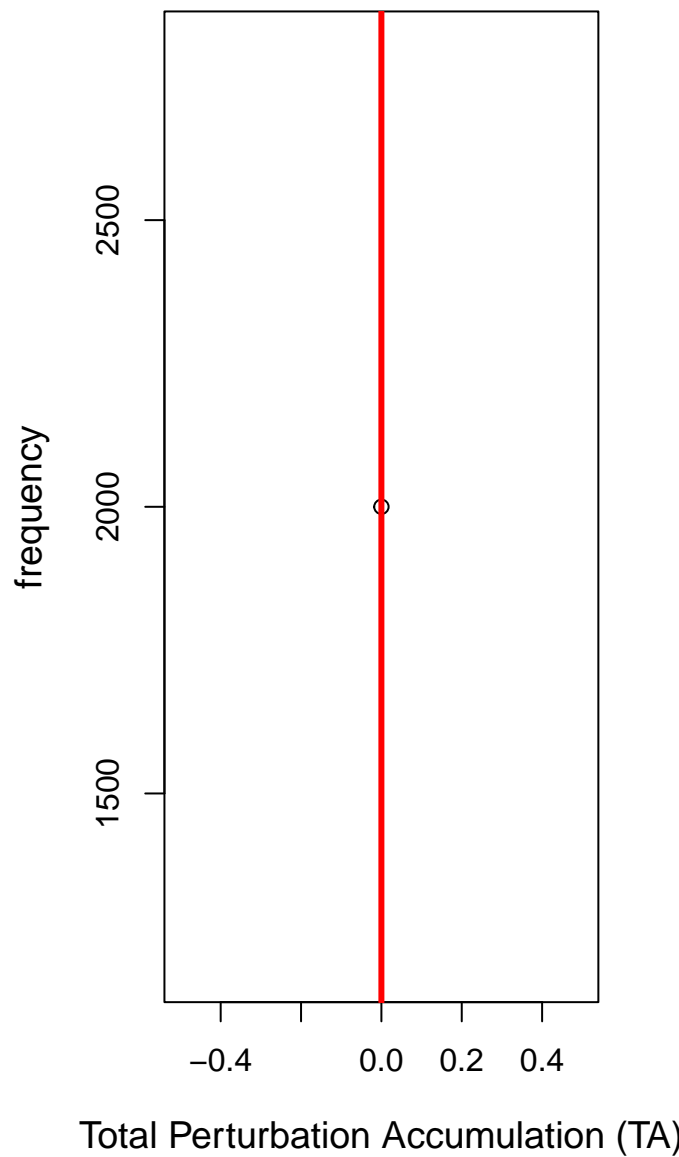




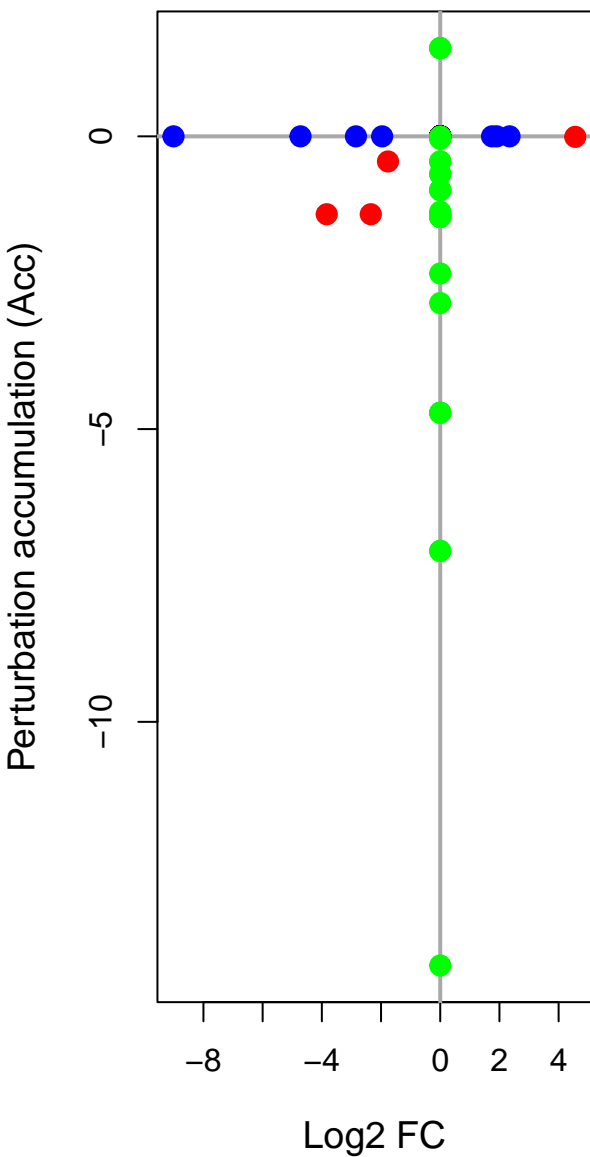
pathway ID=05206



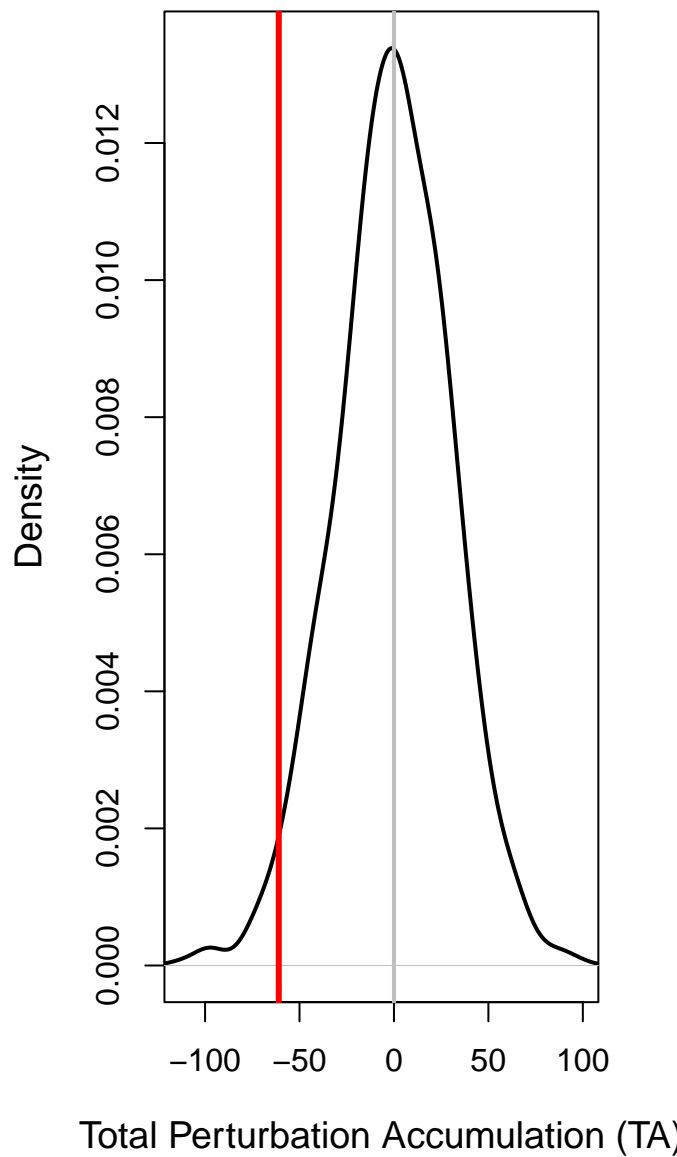
pathway ID=05206 P PERT=NA



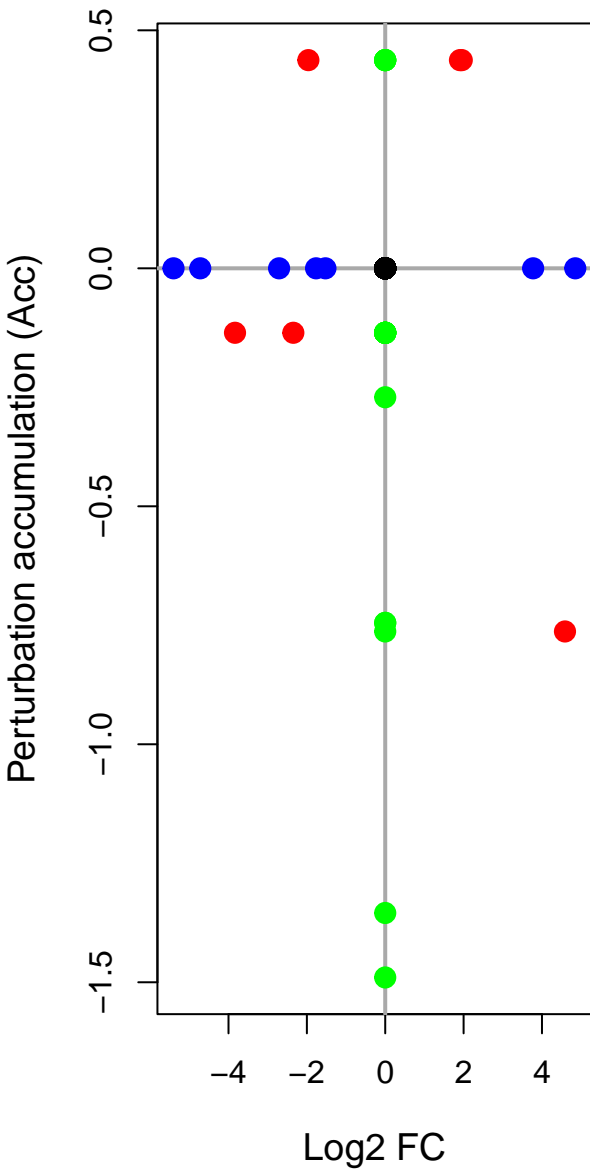
pathway ID=05210



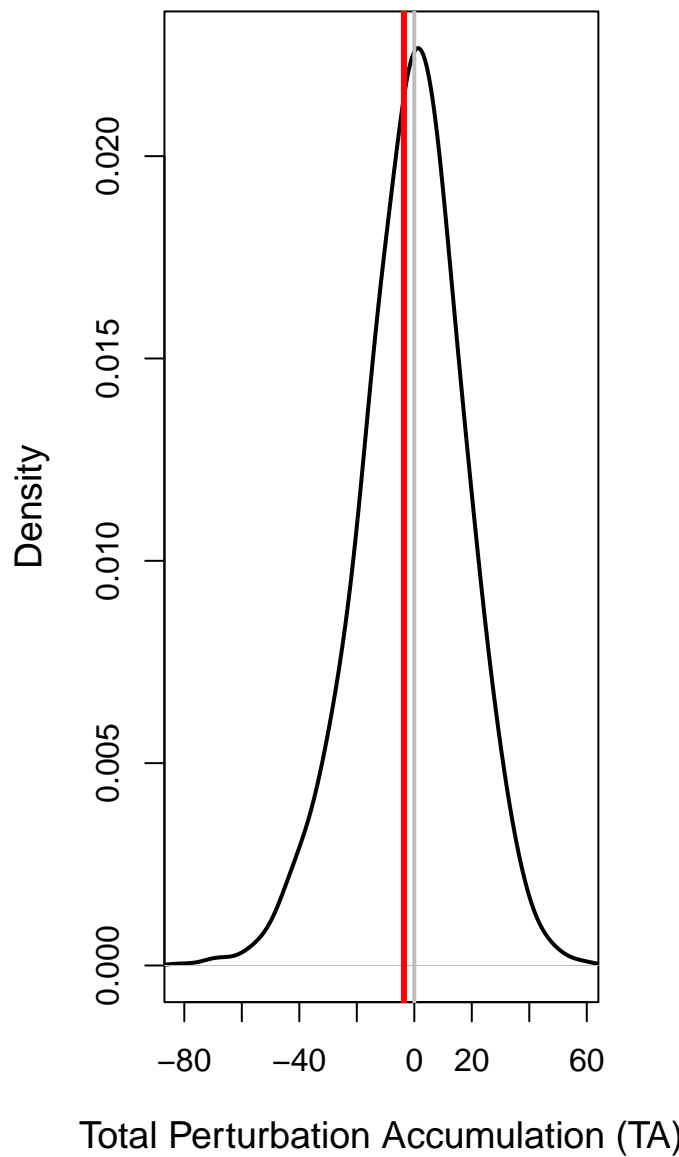
pathway ID=05210 P PERT=0.051



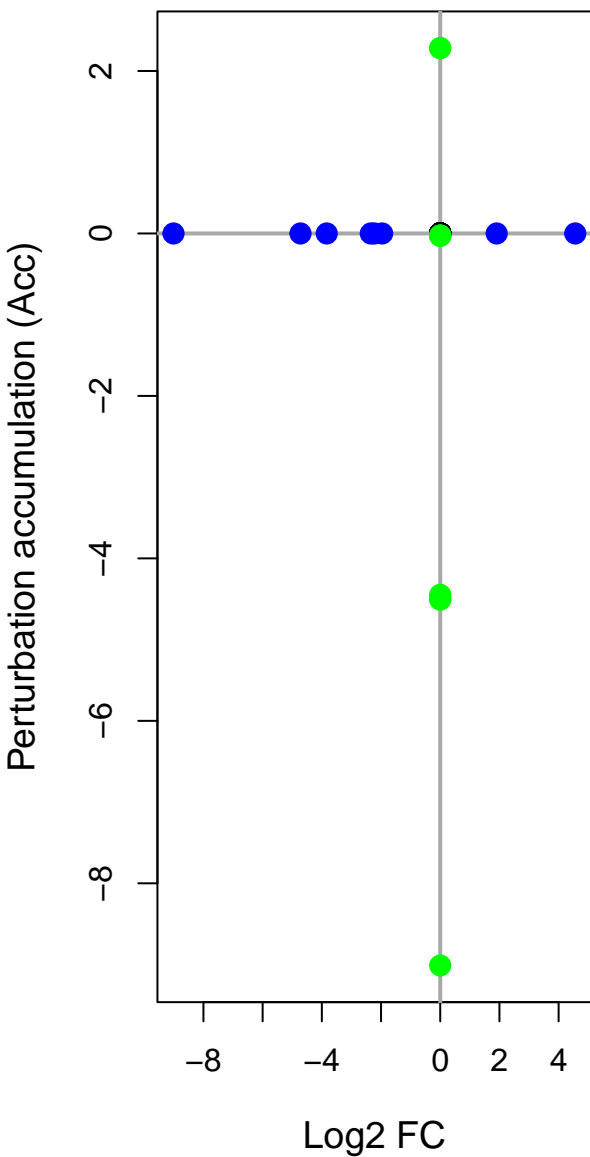
pathway ID=05211



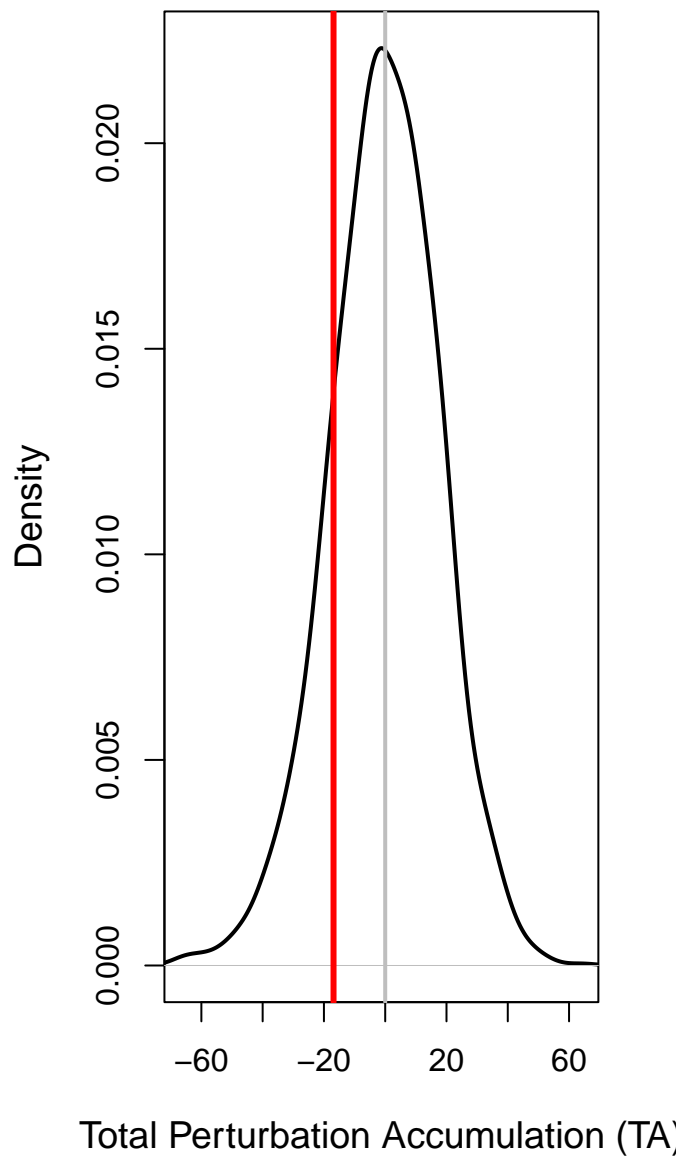
pathway ID=05211 P PERT=0.83



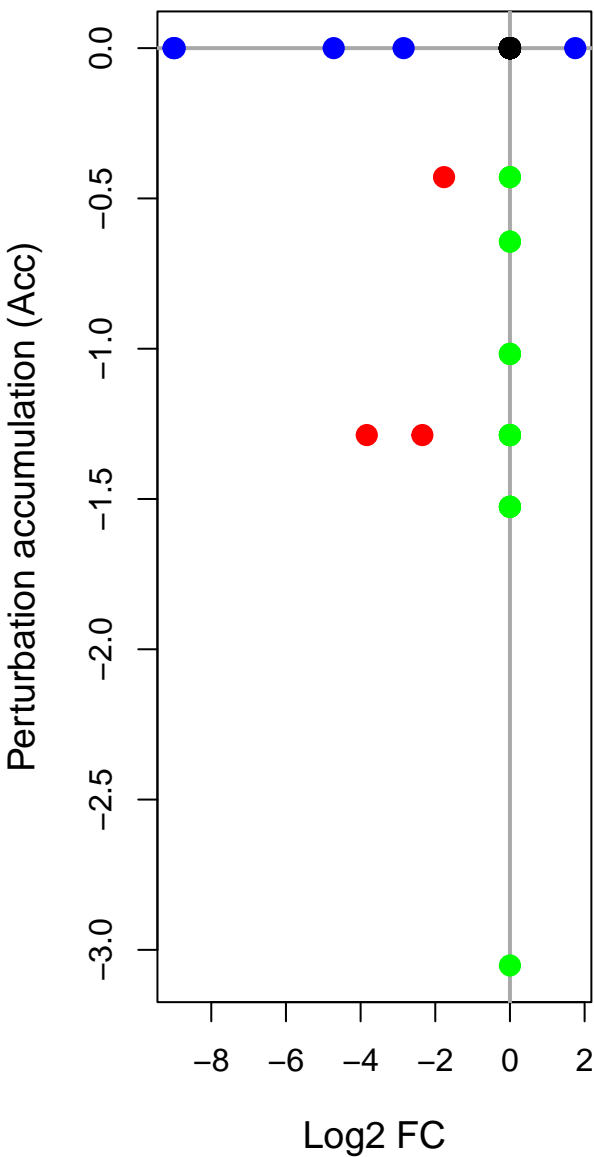
pathway ID=05212



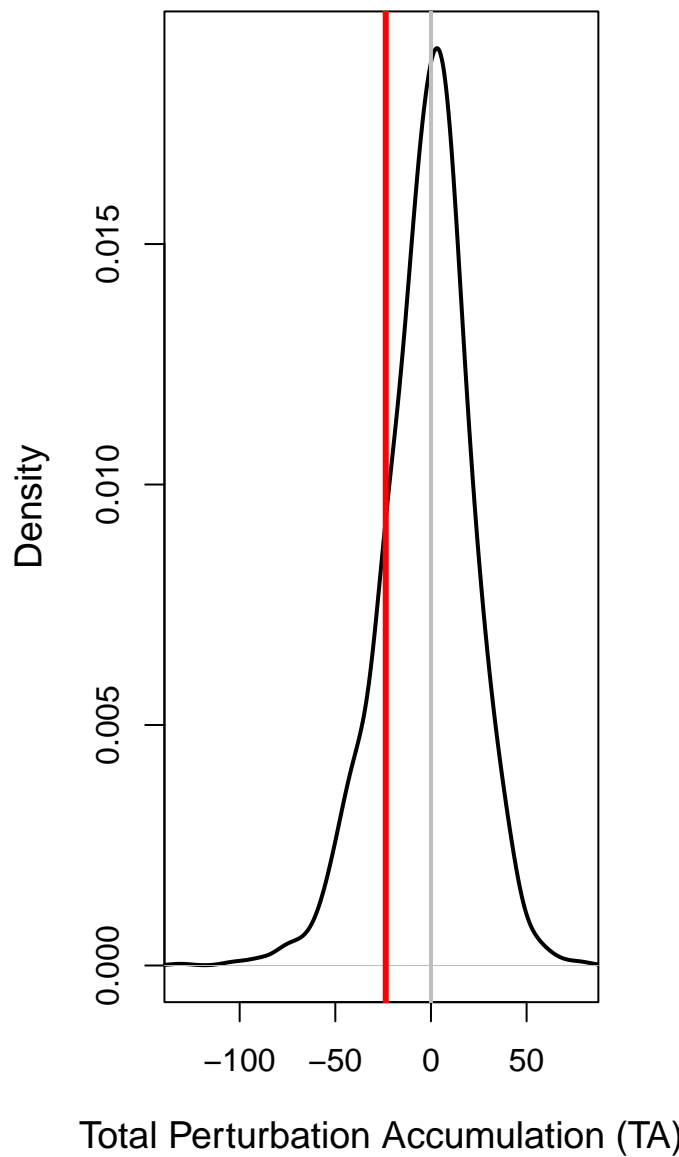
pathway ID=05212 P PERT=0.335



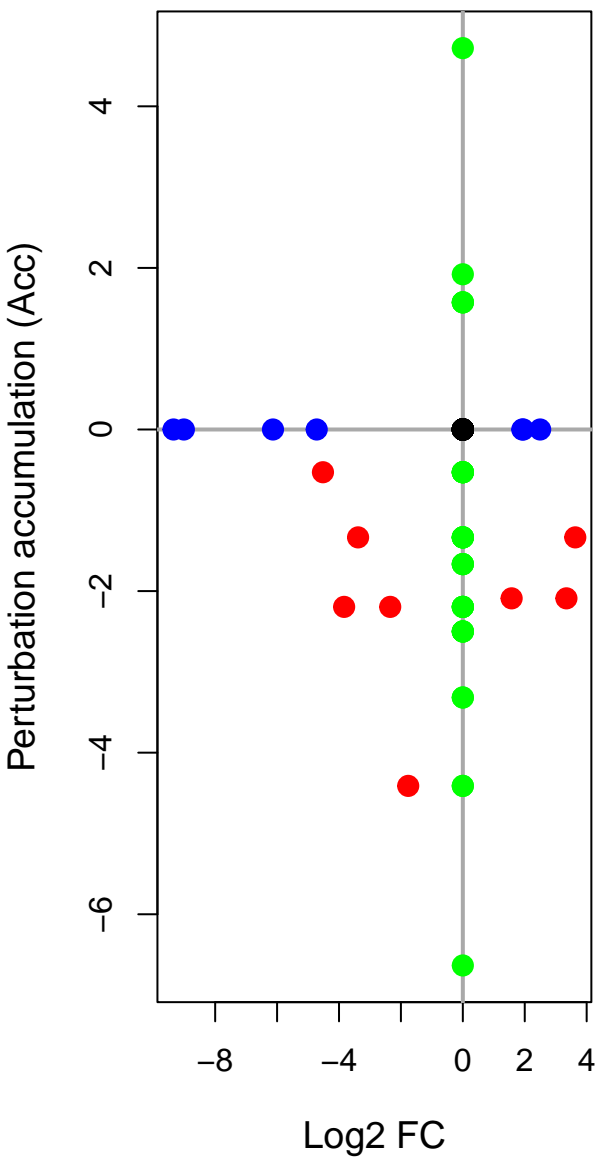
pathway ID=05213



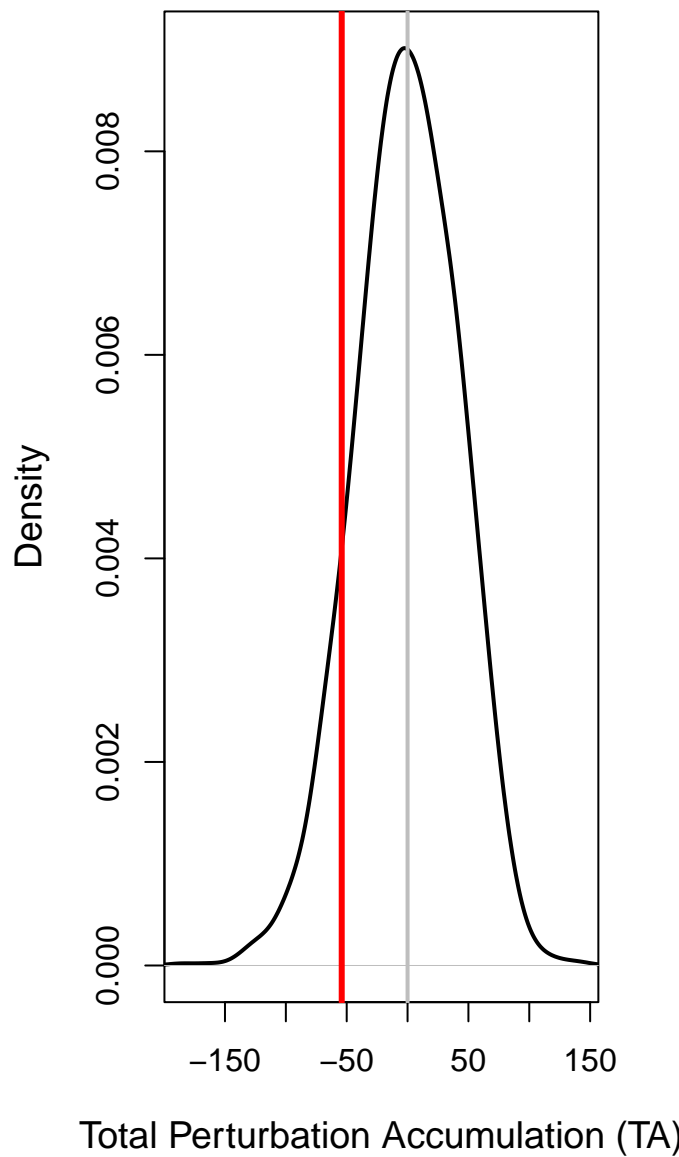
pathway ID=05213 P PERT=0.333



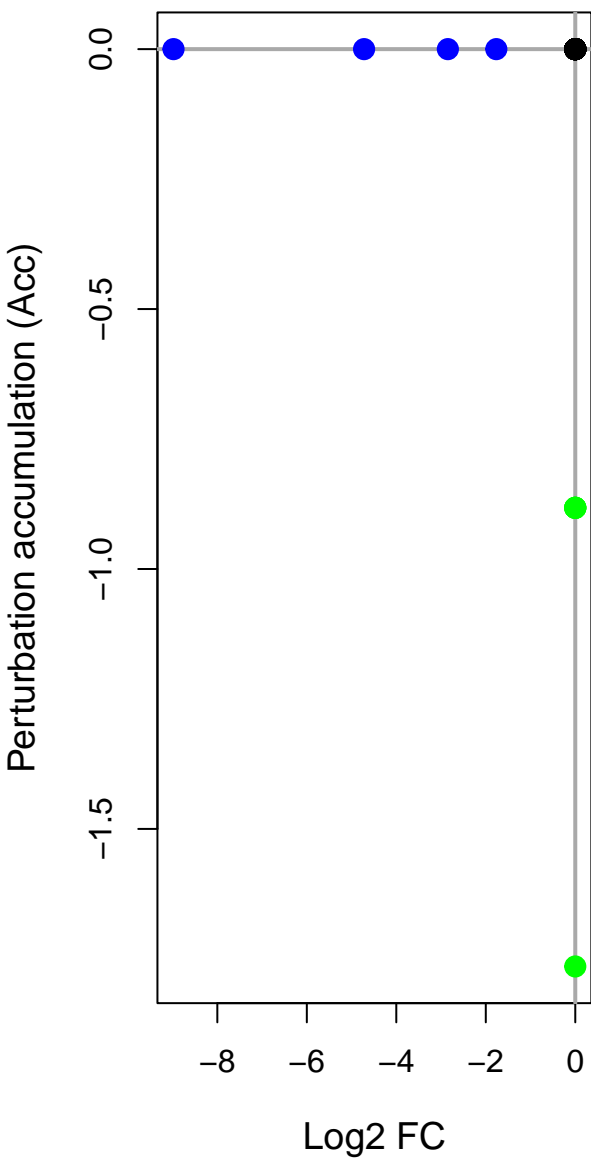
pathway ID=05214



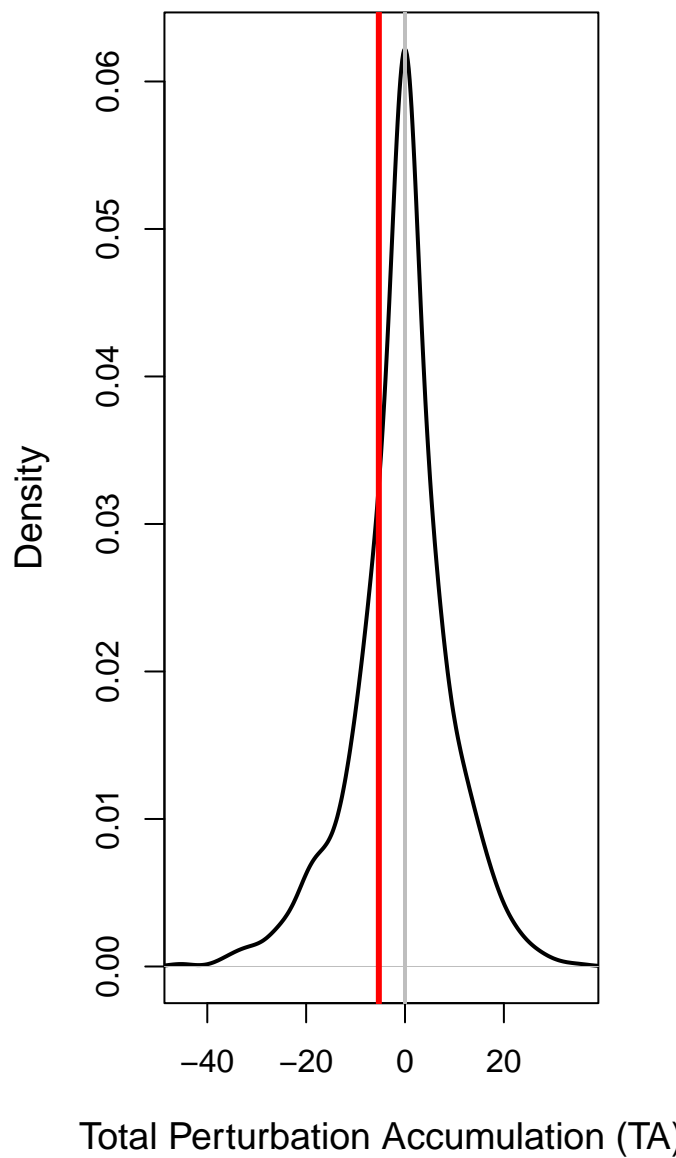
pathway ID=05214 P PERT=0.206



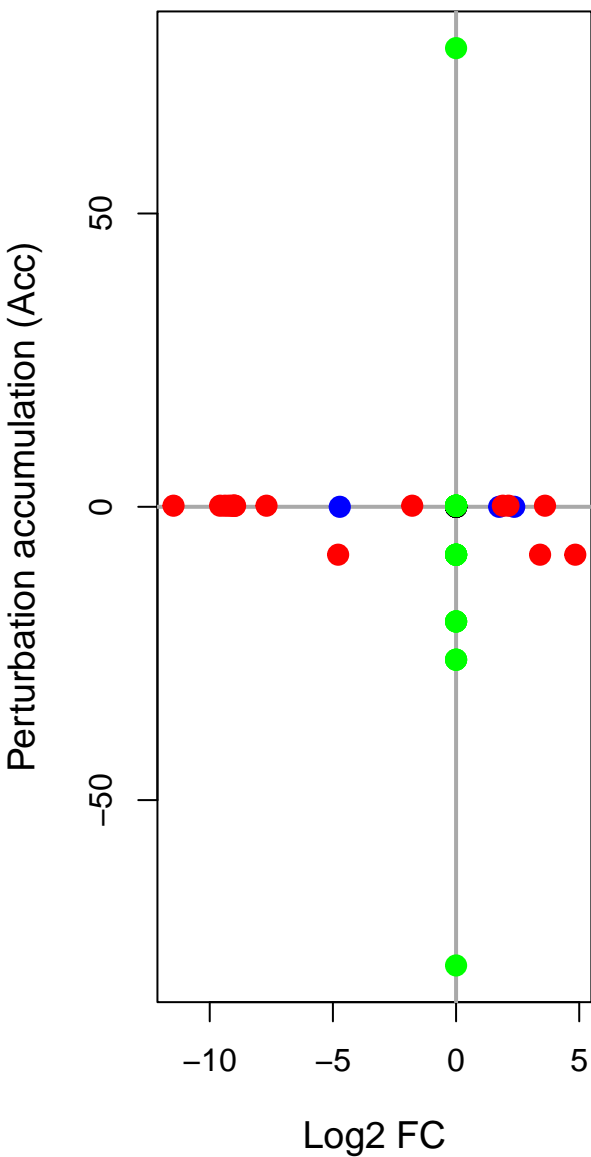
pathway ID=05216



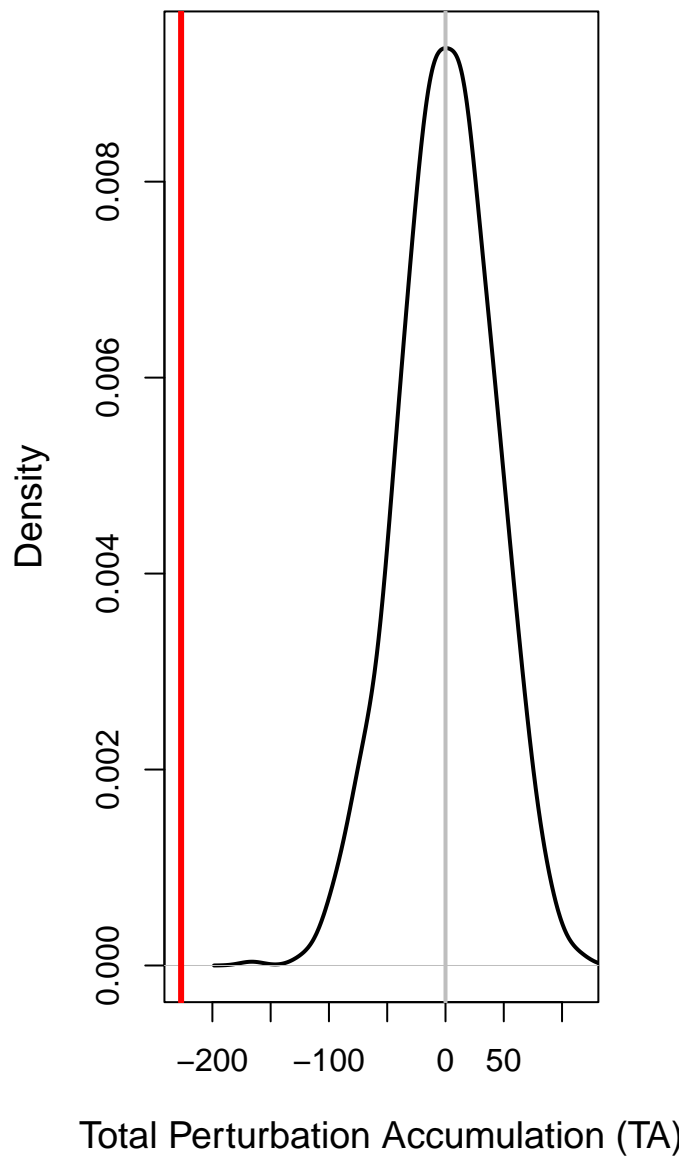
pathway ID=05216 P PERT=0.496



pathway ID=05217

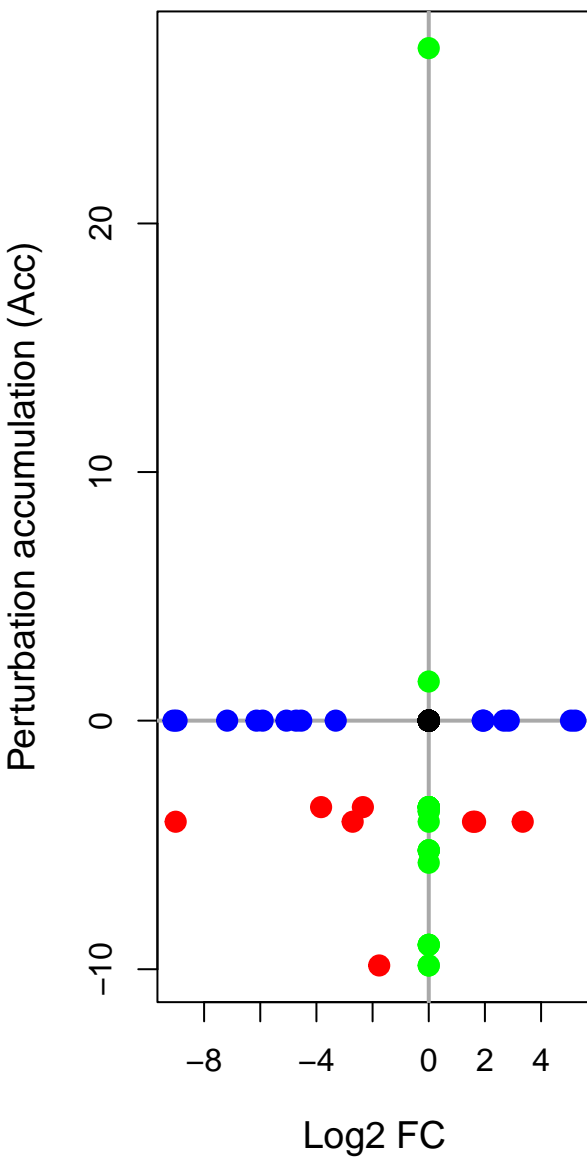


pathway ID=05217 P PERT=0

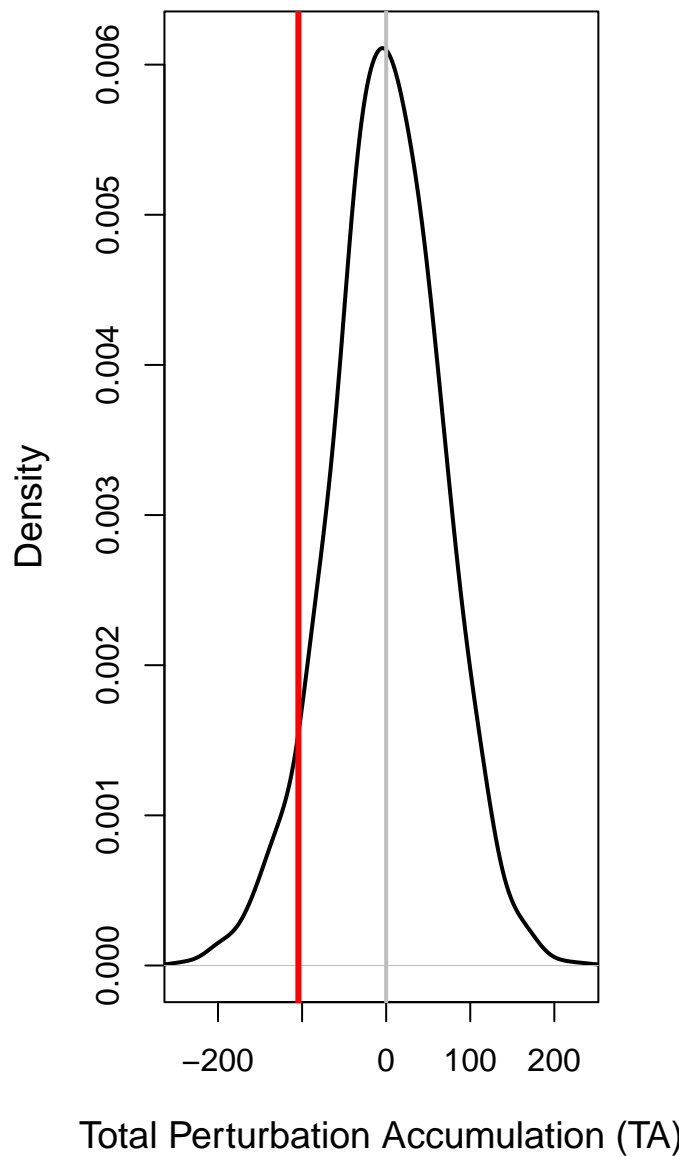




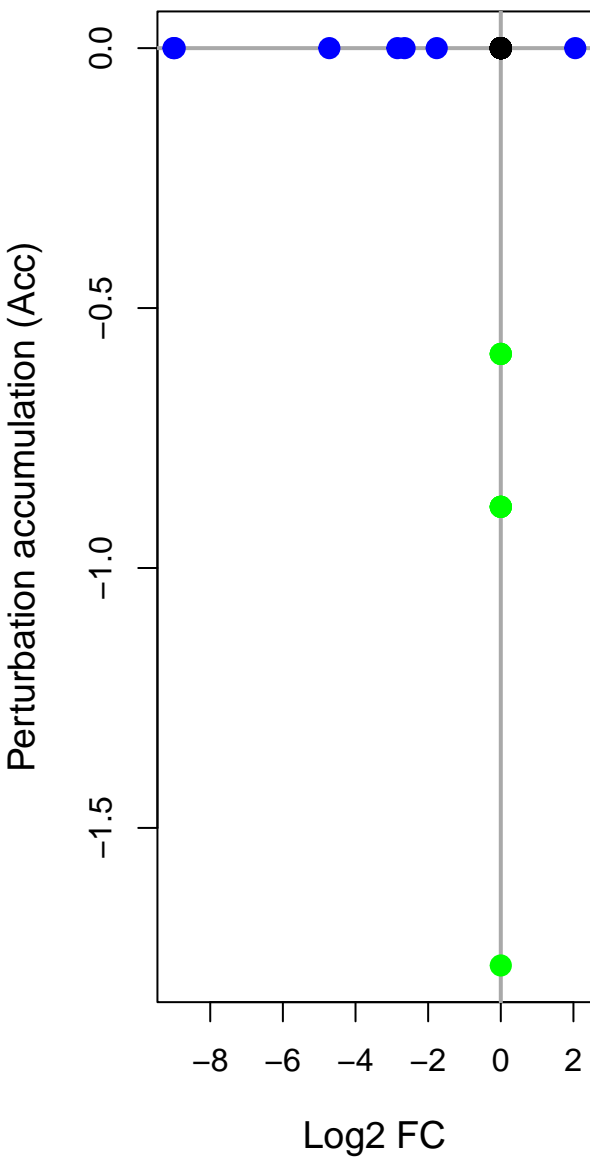
pathway ID=05218



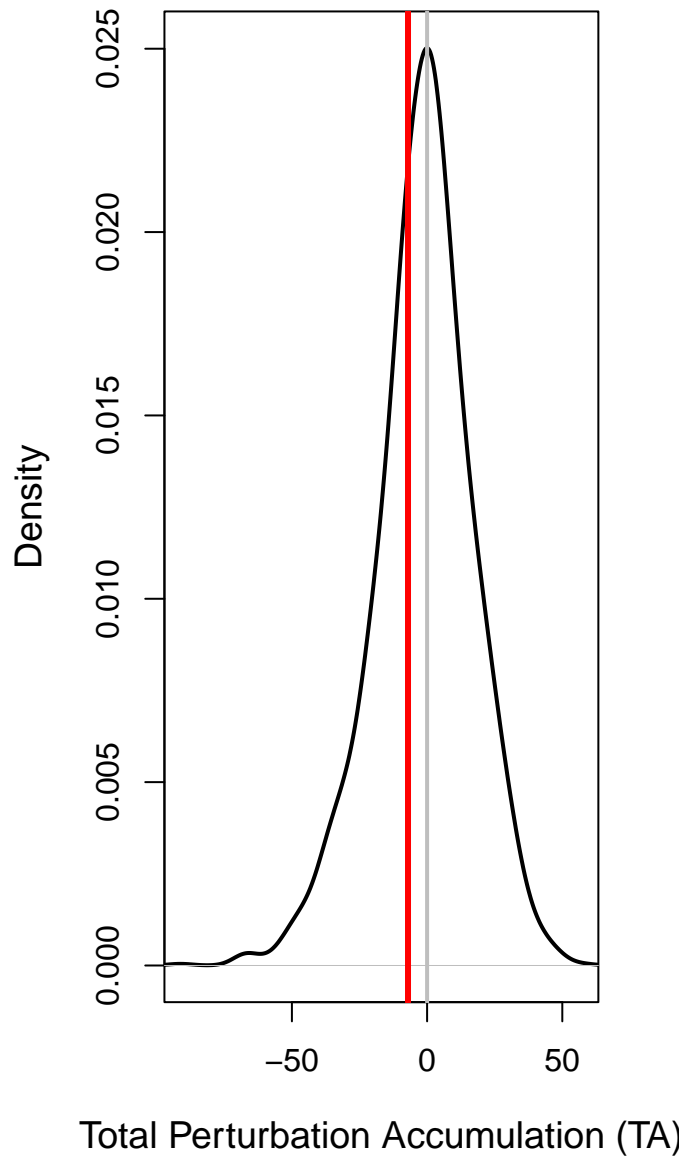
pathway ID=05218 P PERT=0.118



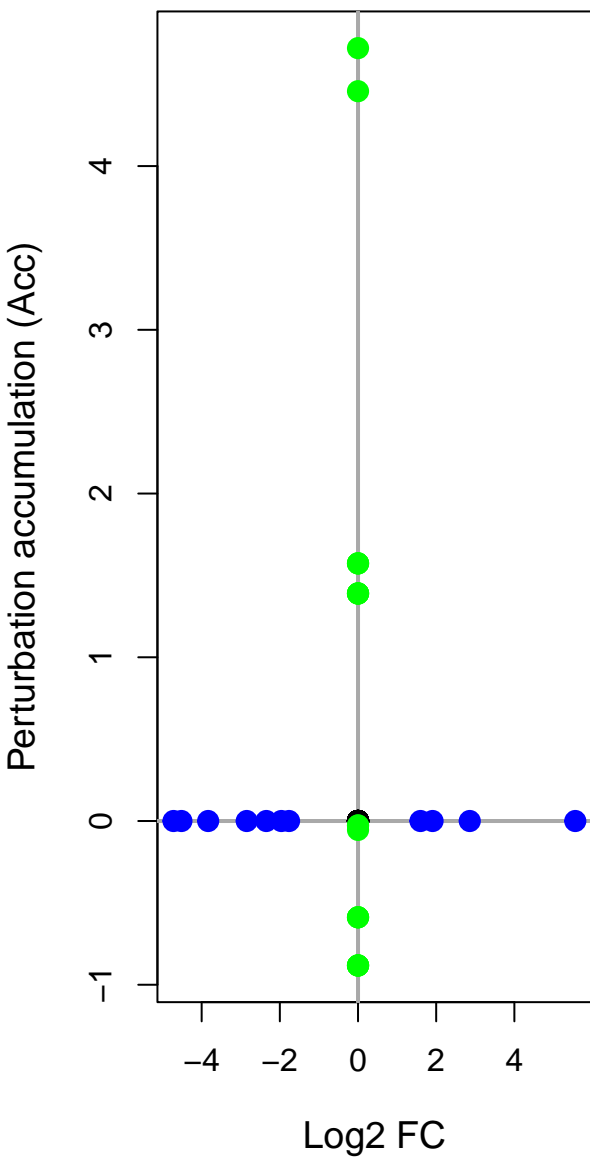
pathway ID=05219



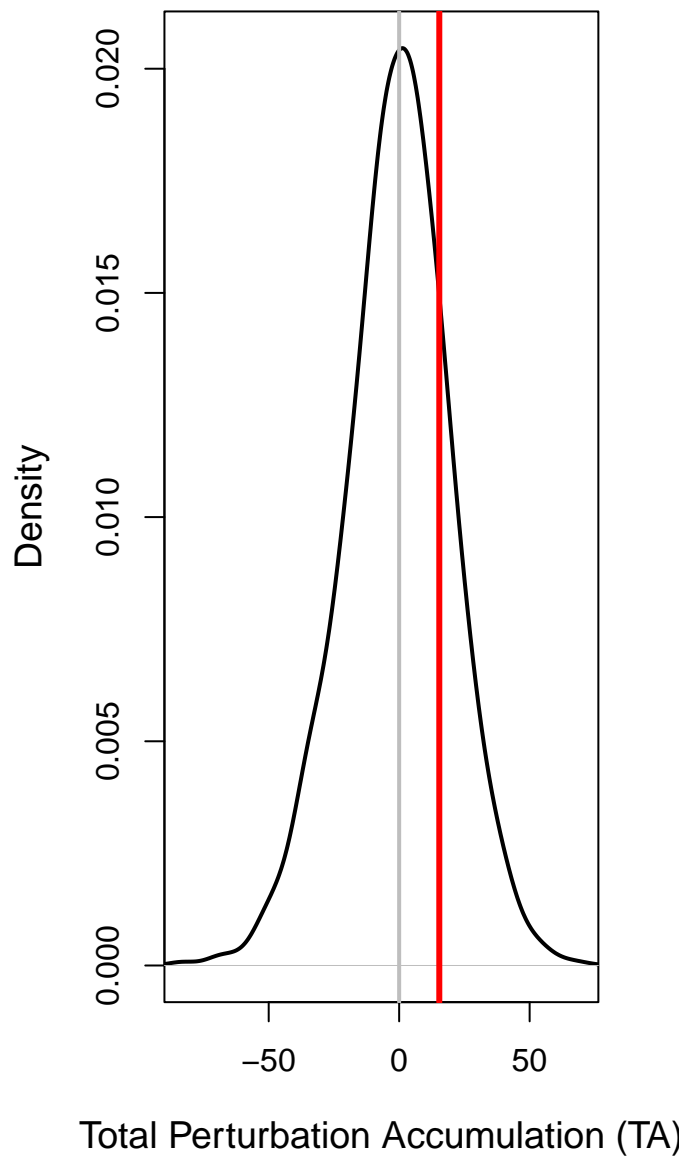
pathway ID=05219 P PERT=0.679



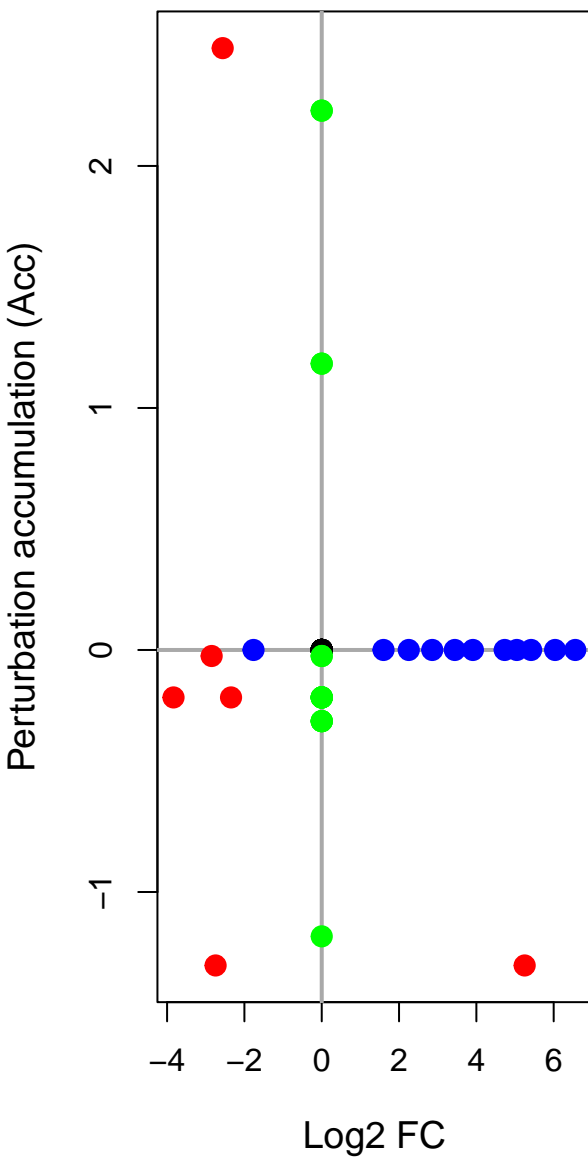
pathway ID=05220



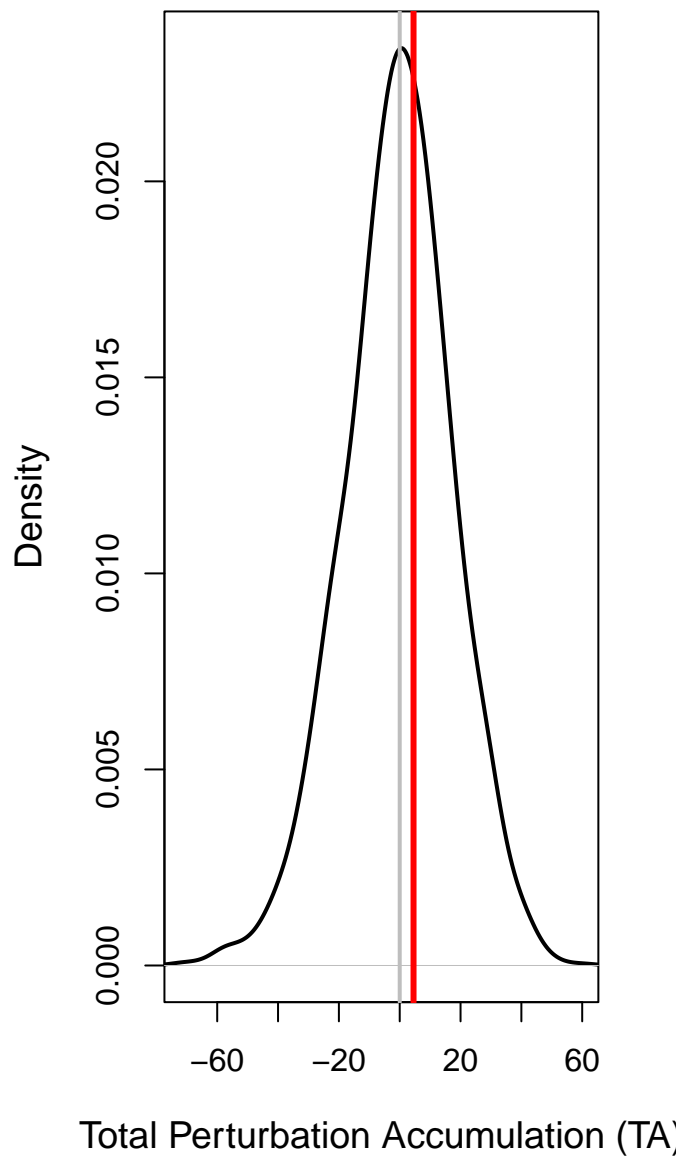
pathway ID=05220 P PERT=0.41



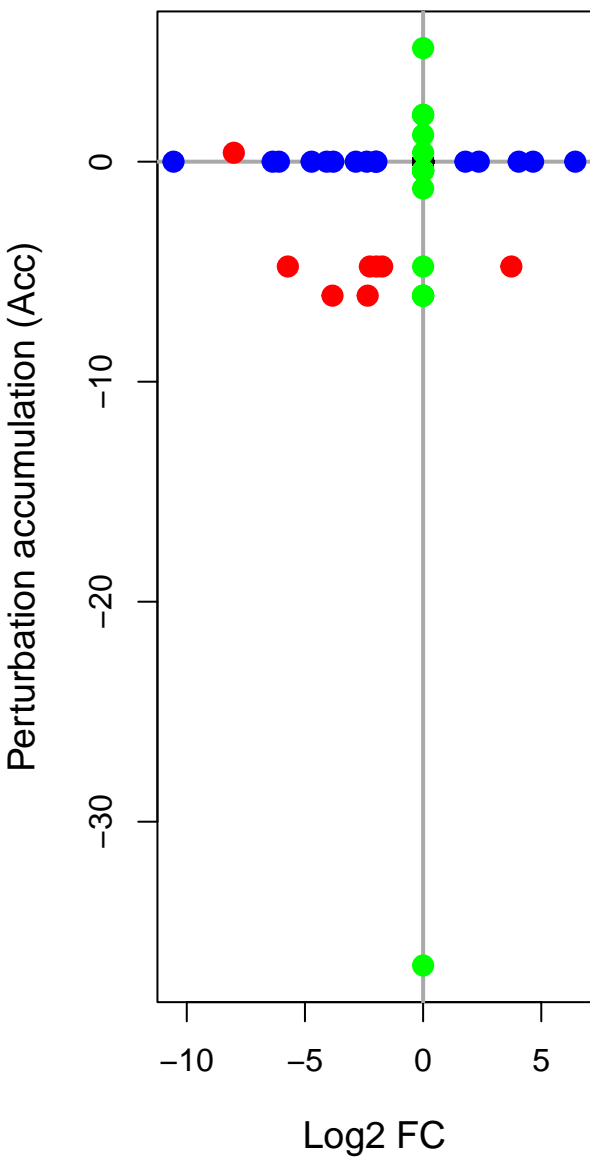
pathway ID=05221



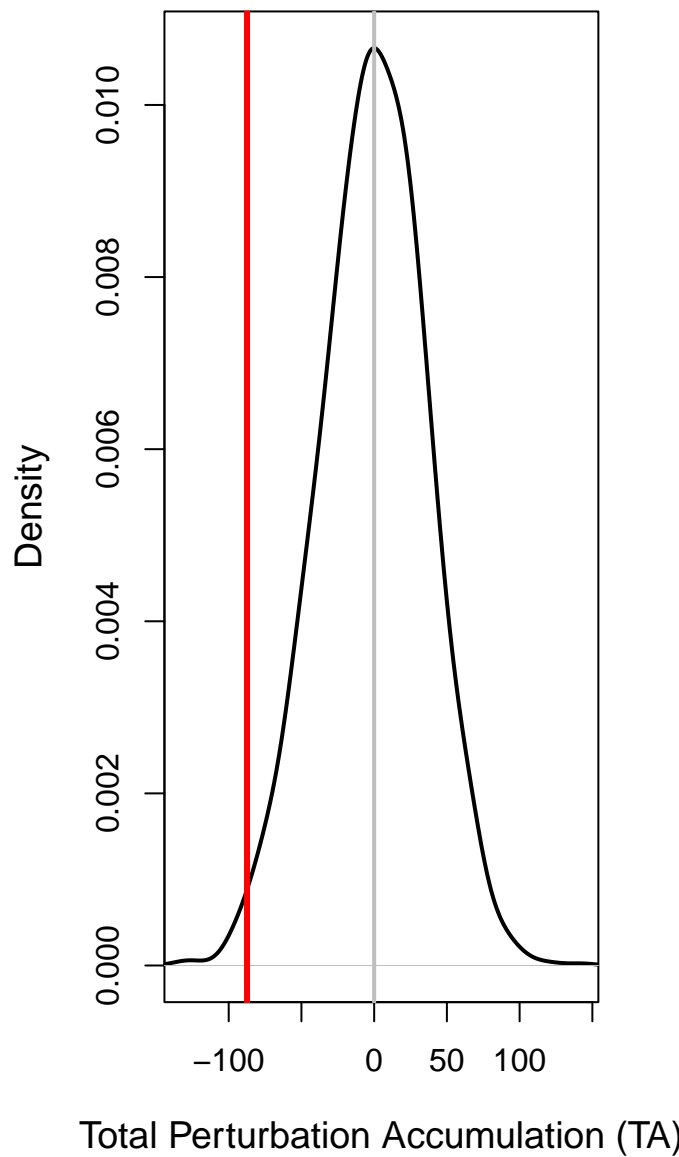
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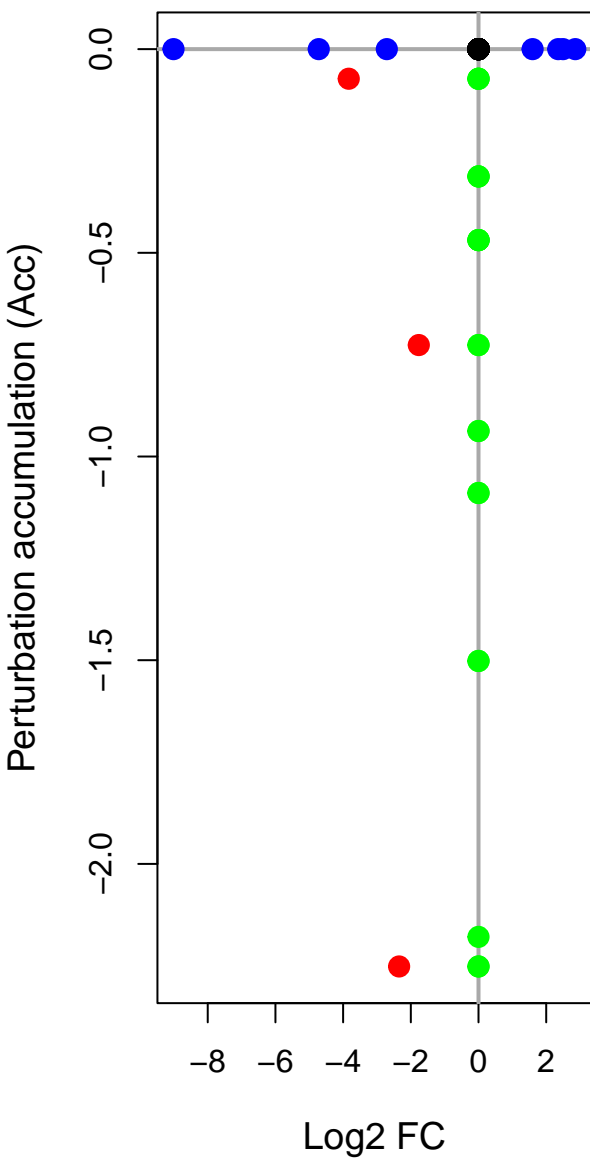
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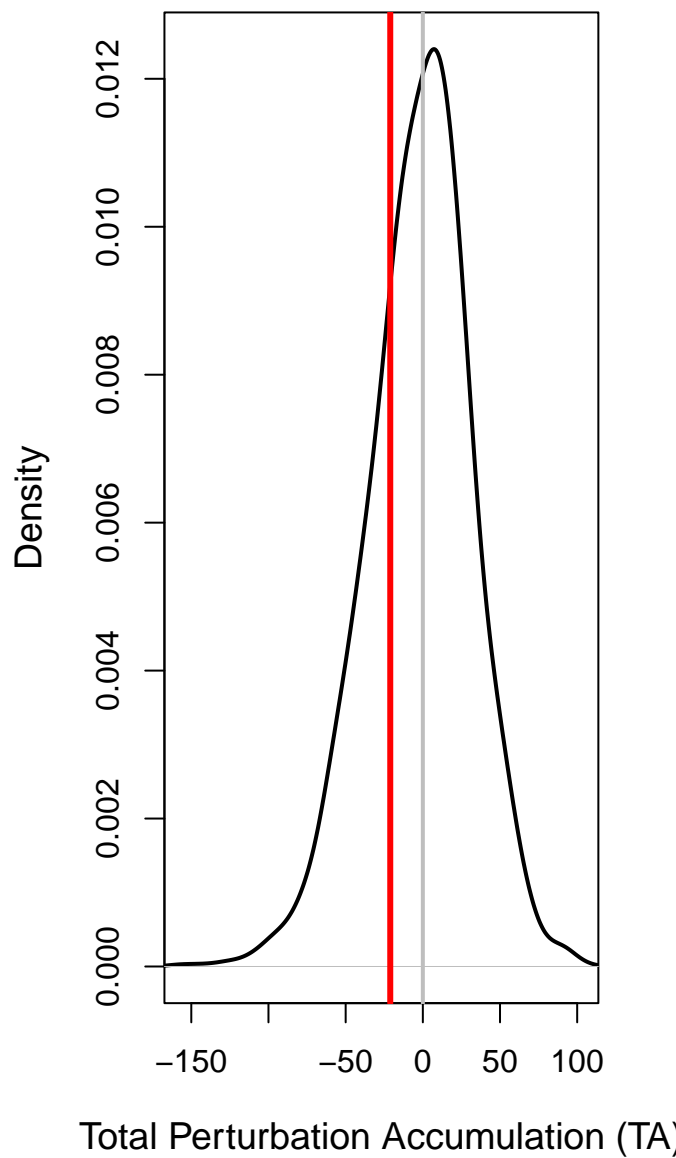
pathway ID=05222 P PERT=0.02



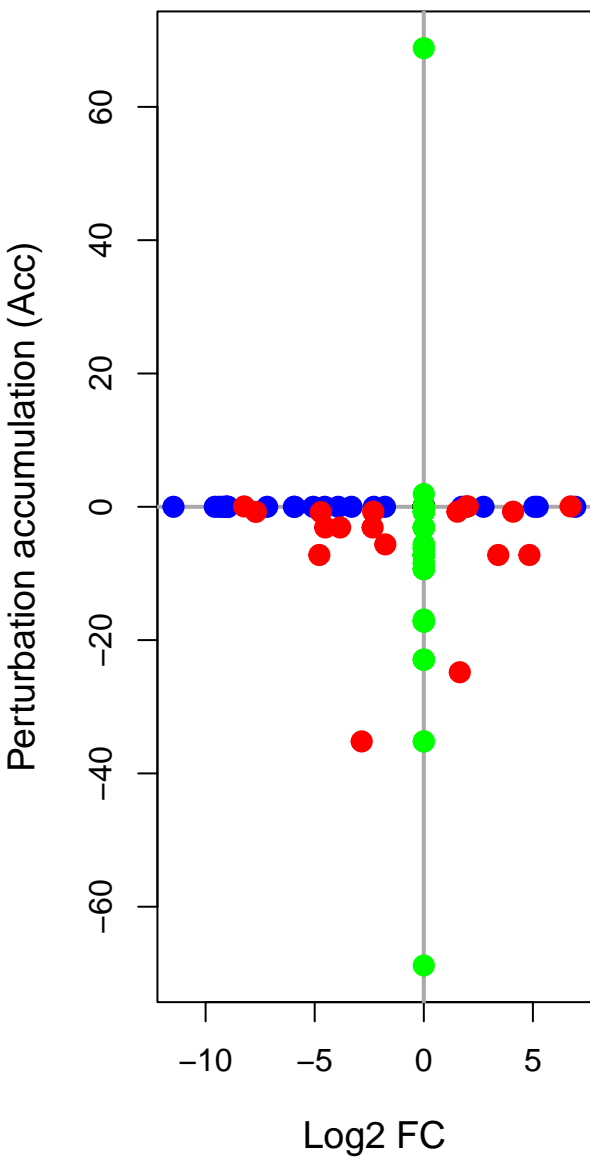
pathway ID=05223



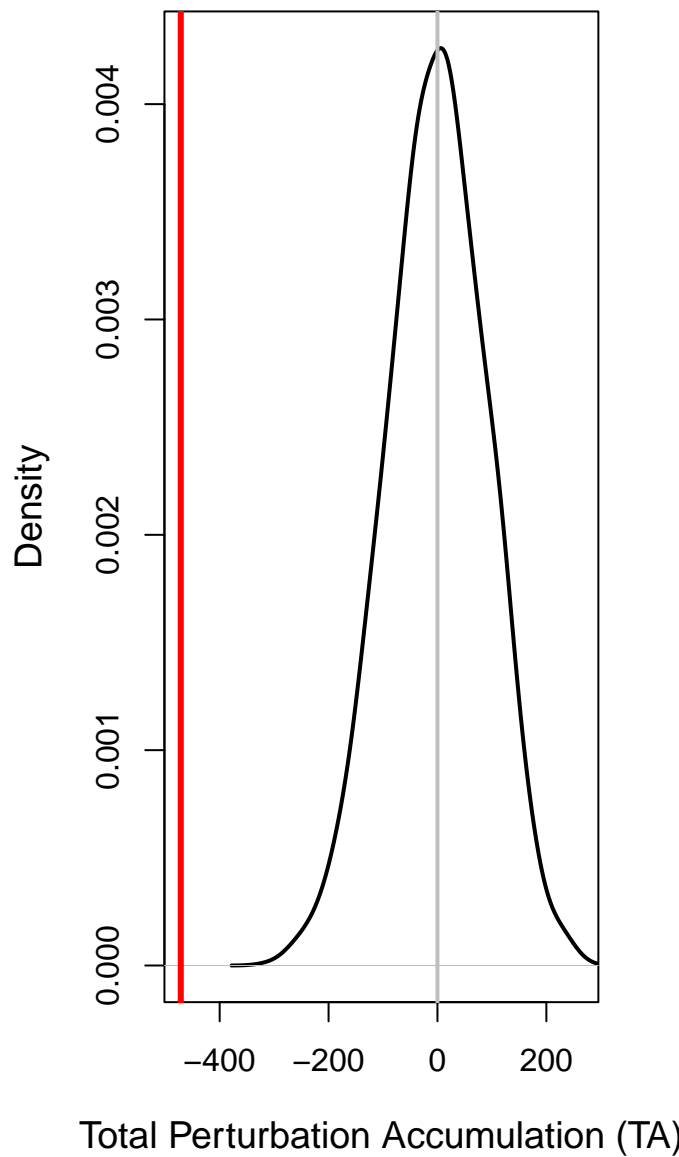
pathway ID=05223 P PERT=0.532



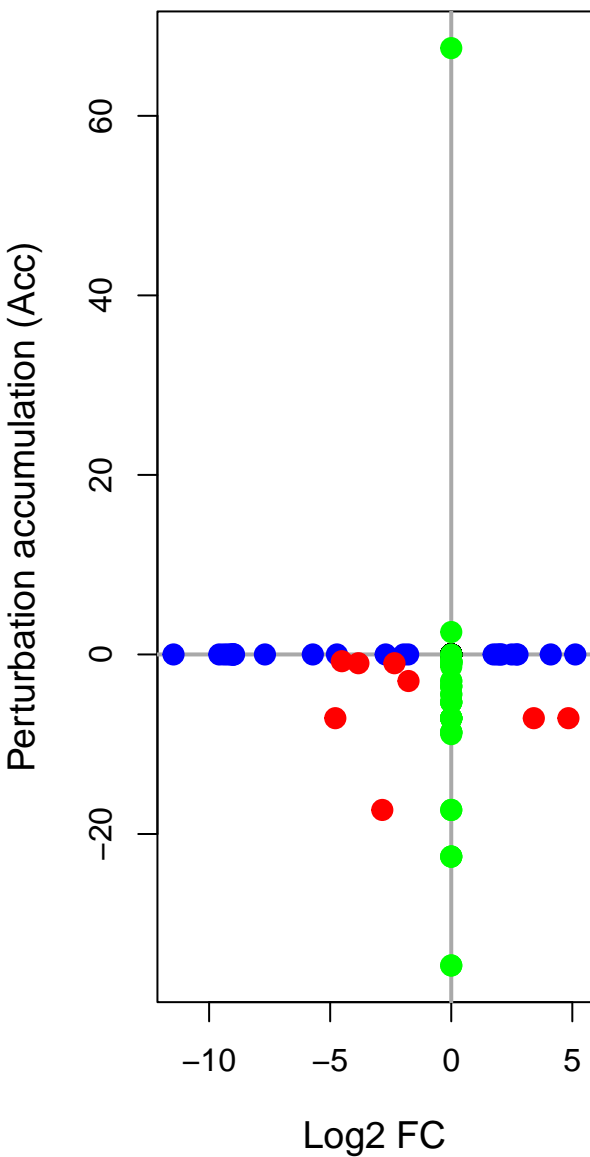
pathway ID=05224



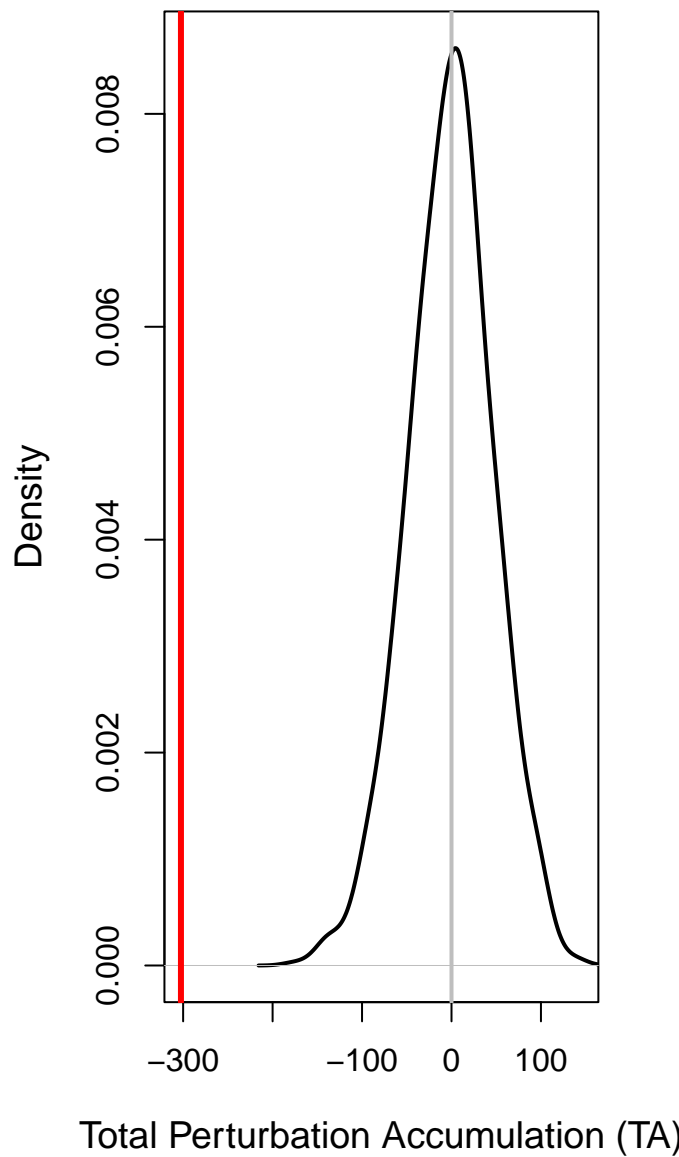
pathway ID=05224 P PERT=0



pathway ID=05225

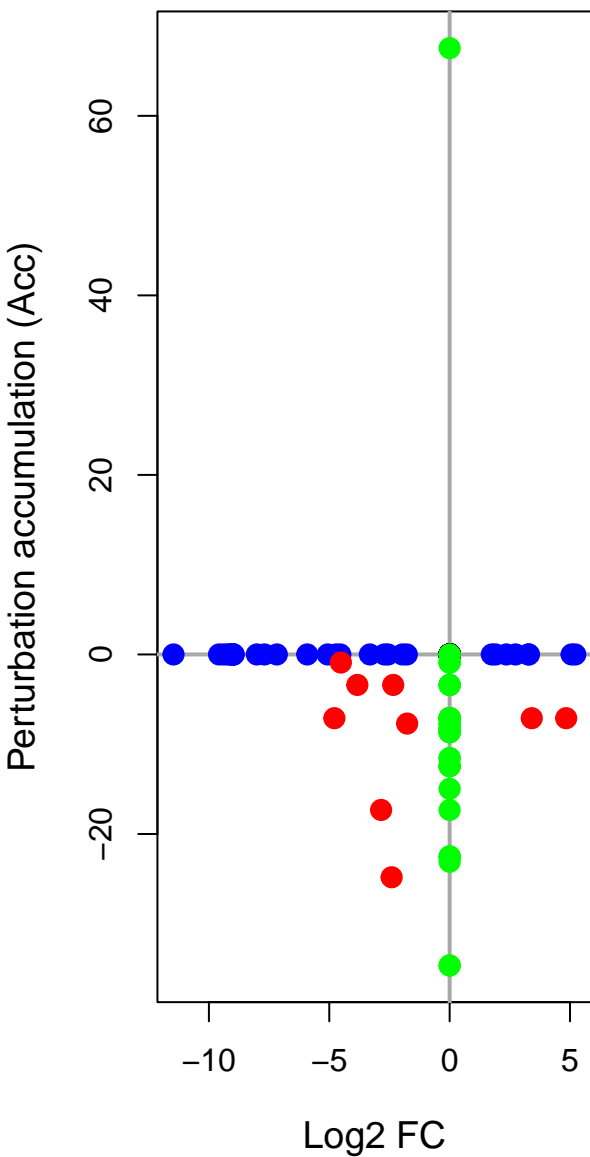


pathway ID=05225 P PERT=0

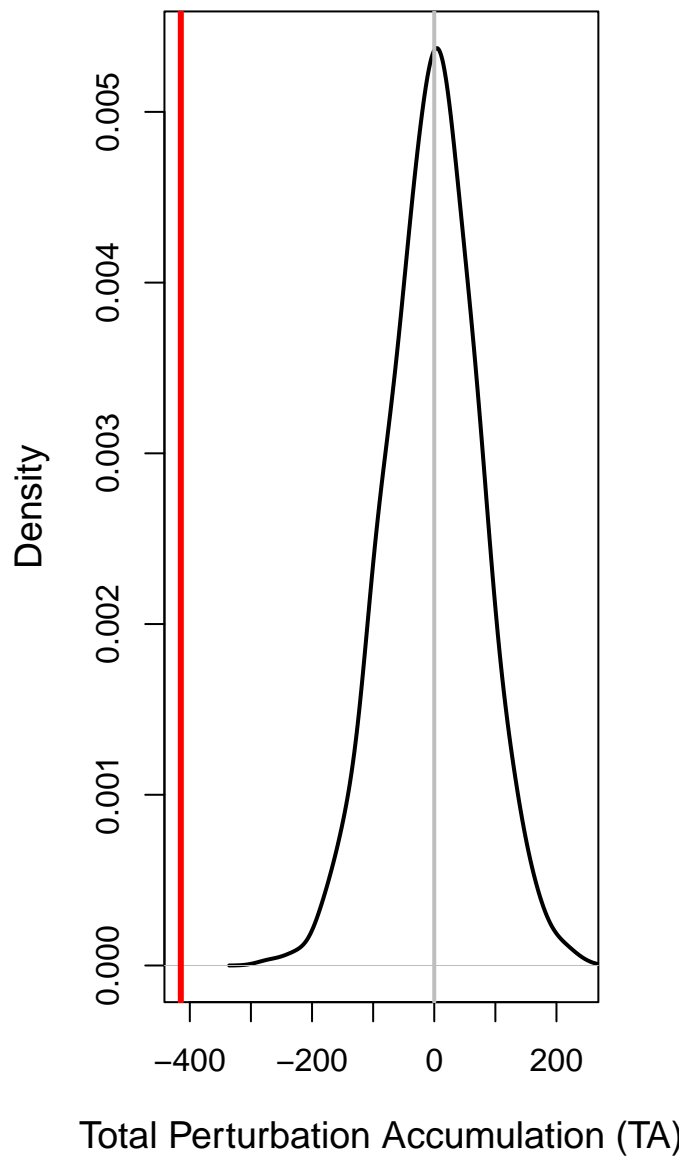




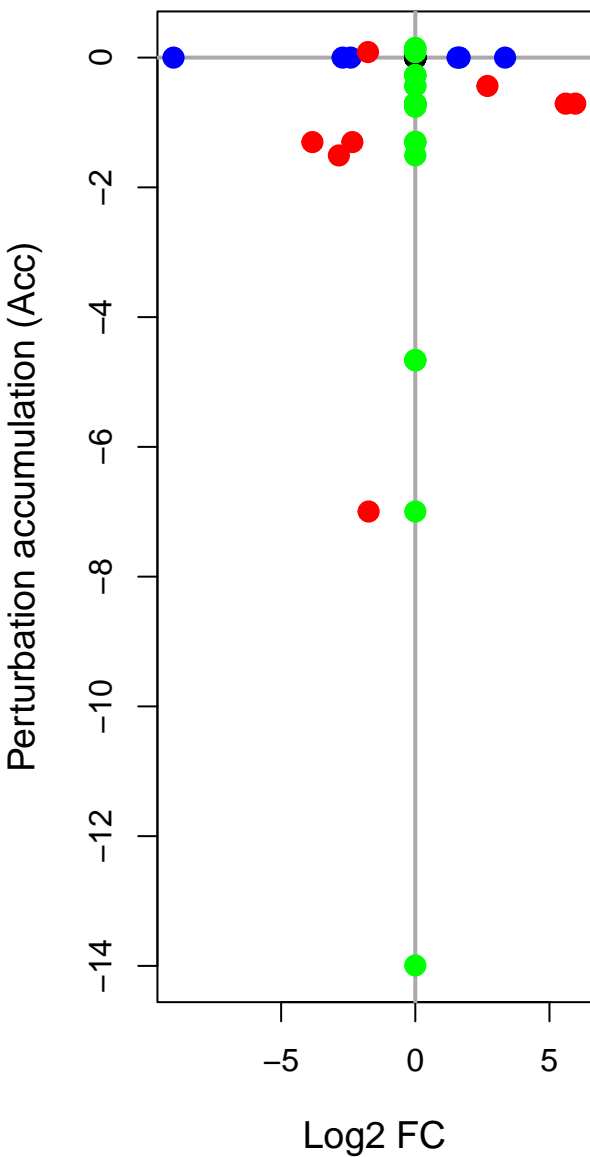
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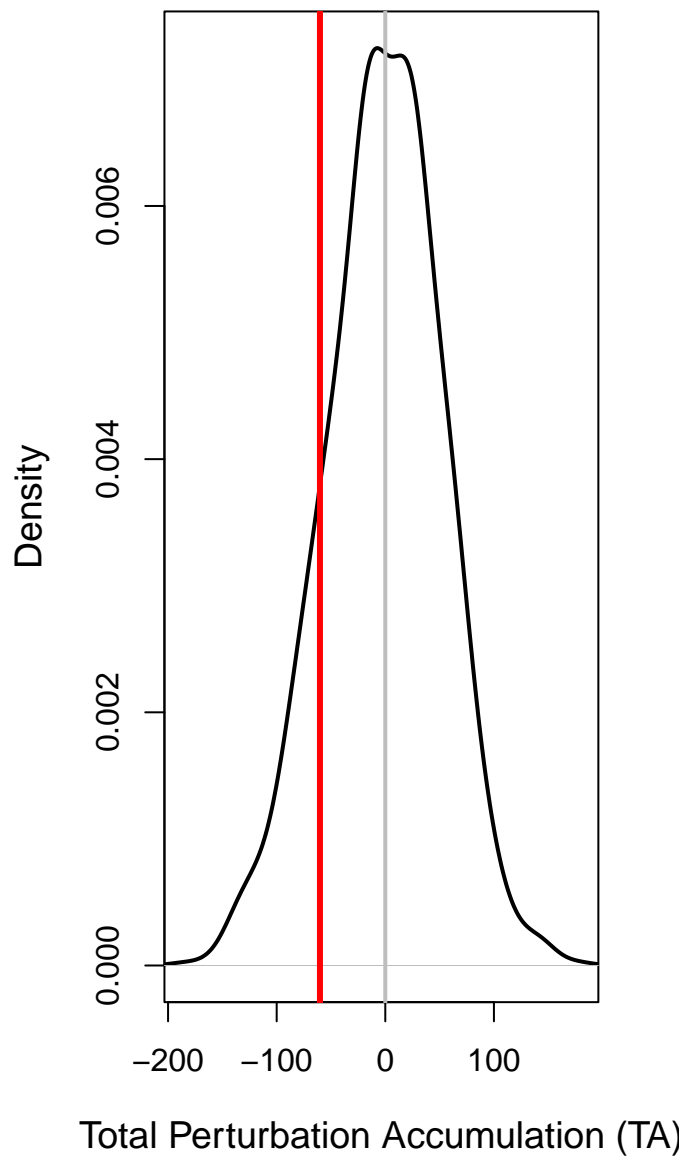
pathway ID=05226 P PERT=0



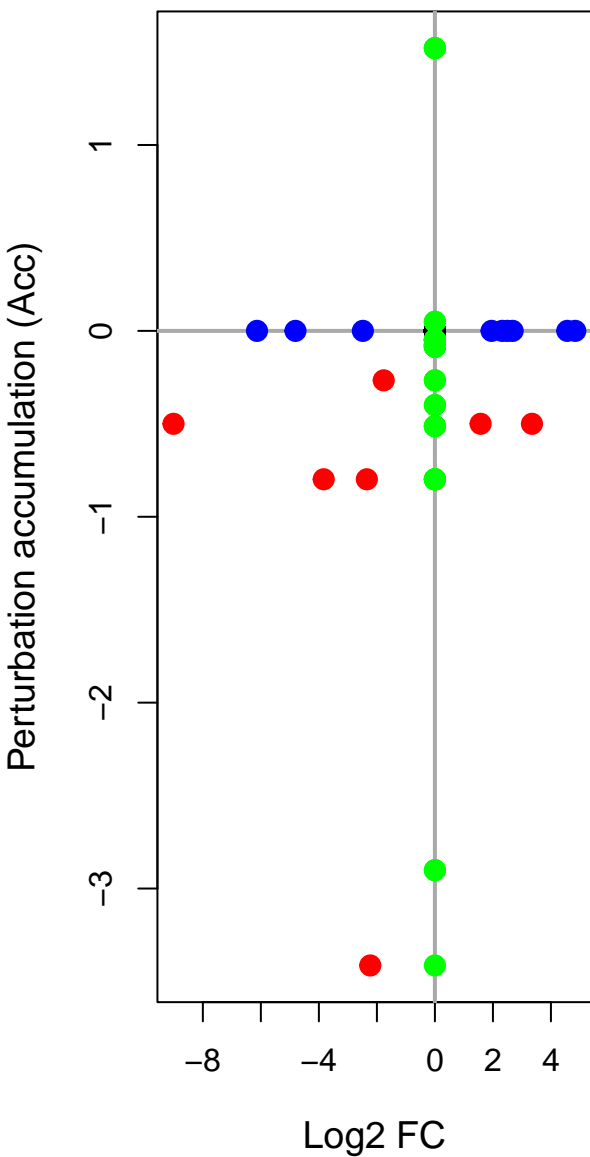
pathway ID=05230



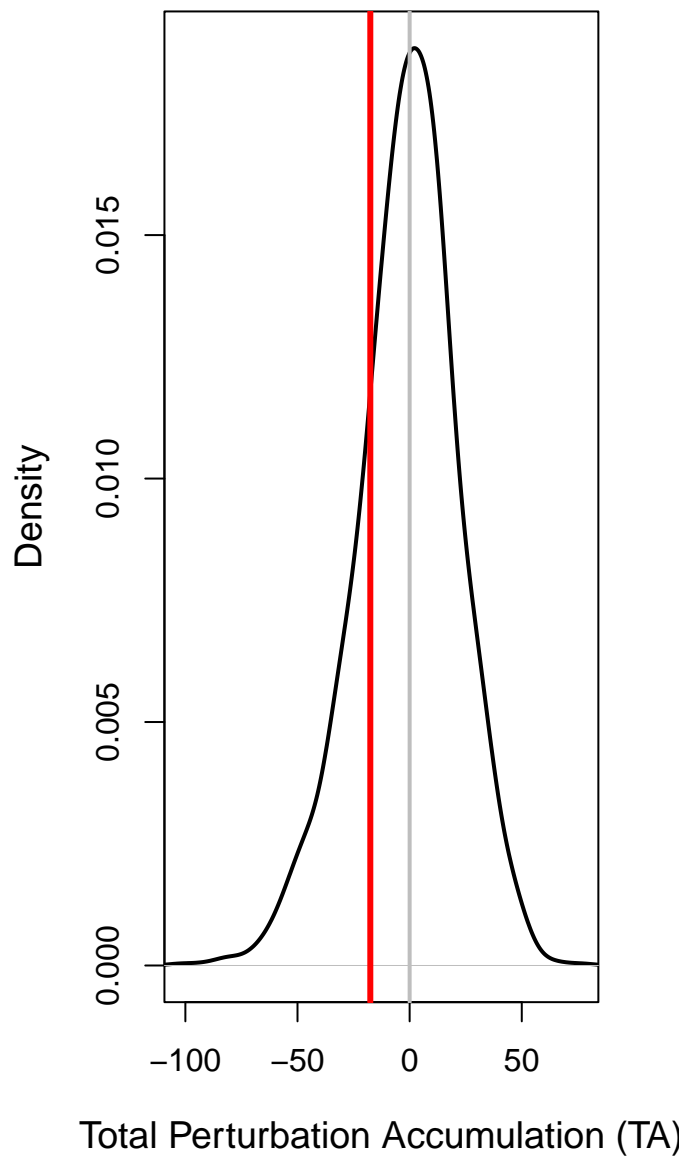
pathway ID=05230 P PERT=0.272



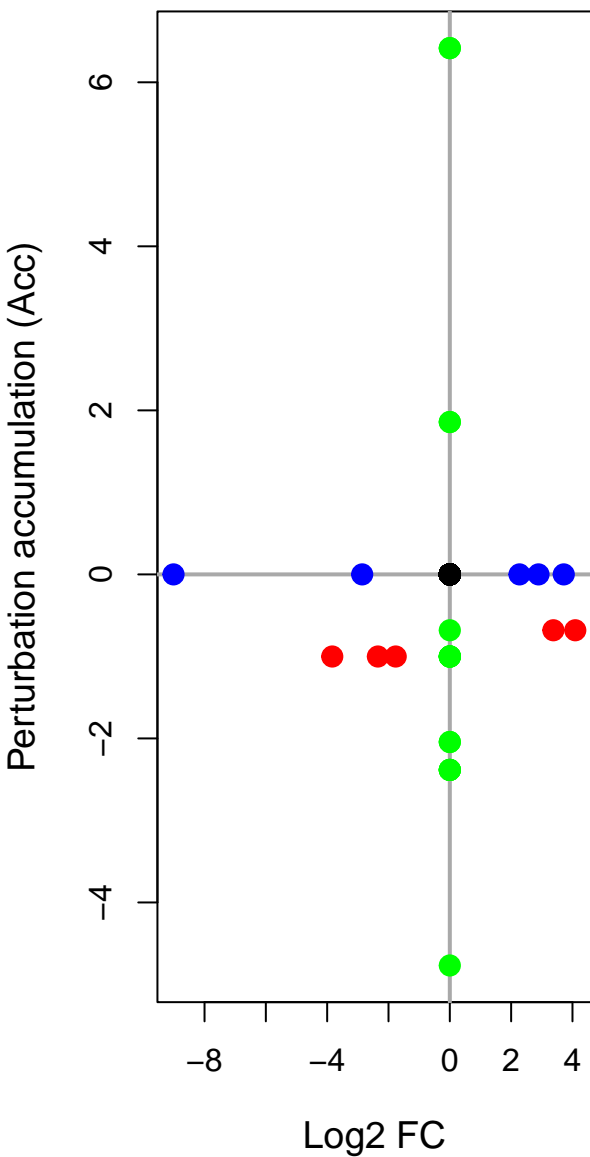
pathway ID=05231



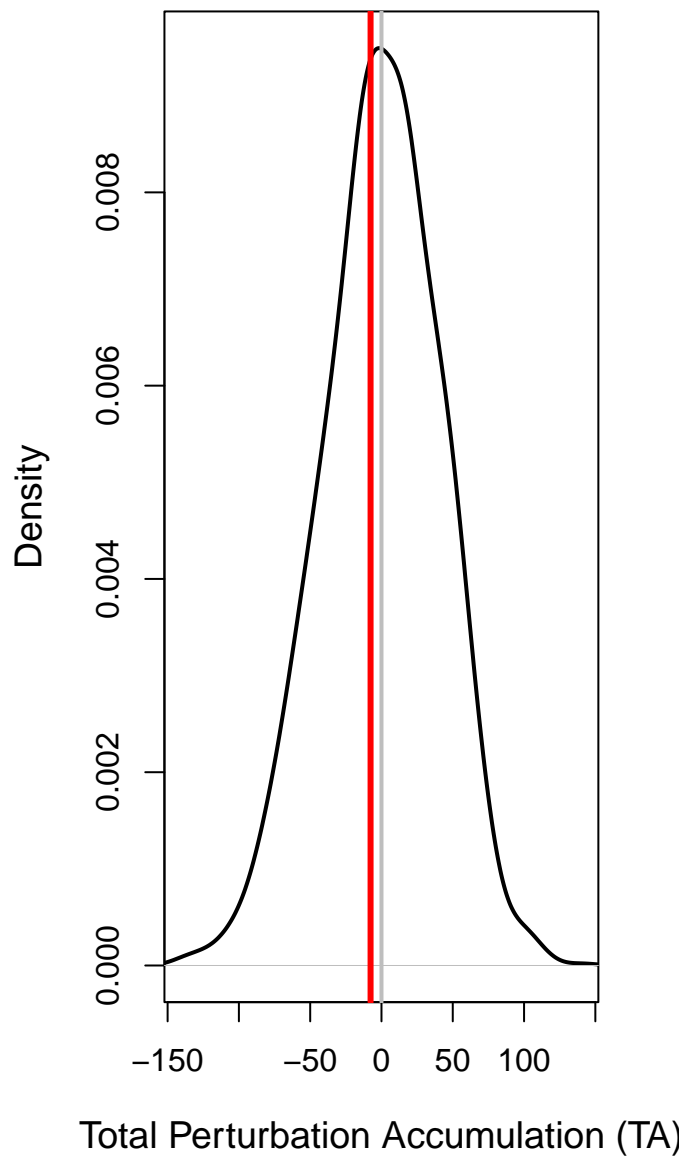
pathway ID=05231 P PERT=0.415



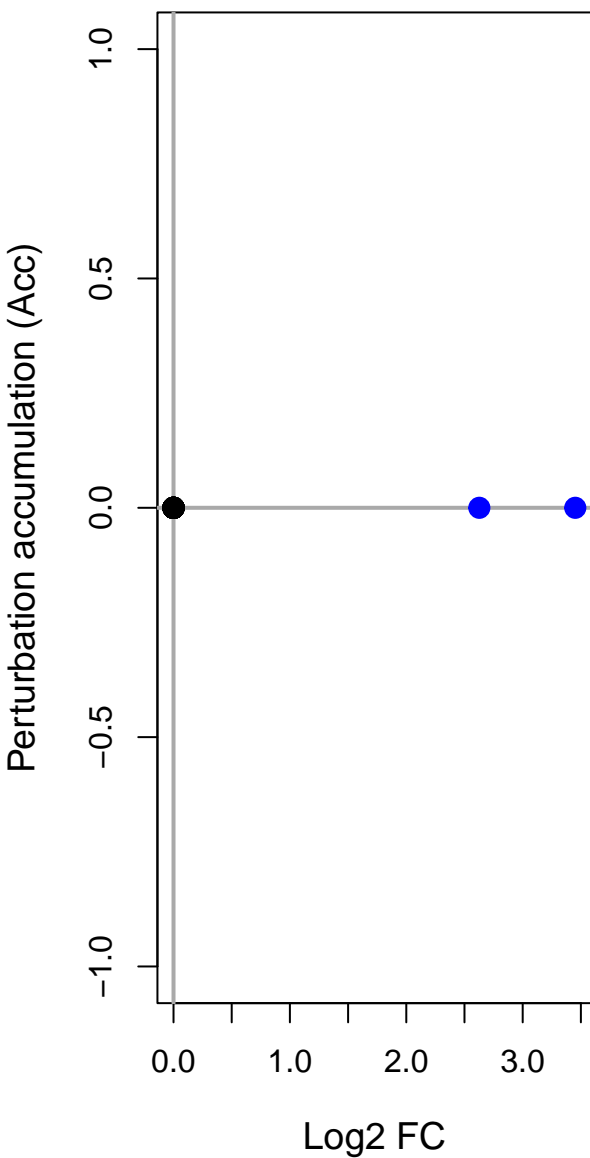
pathway ID=05235



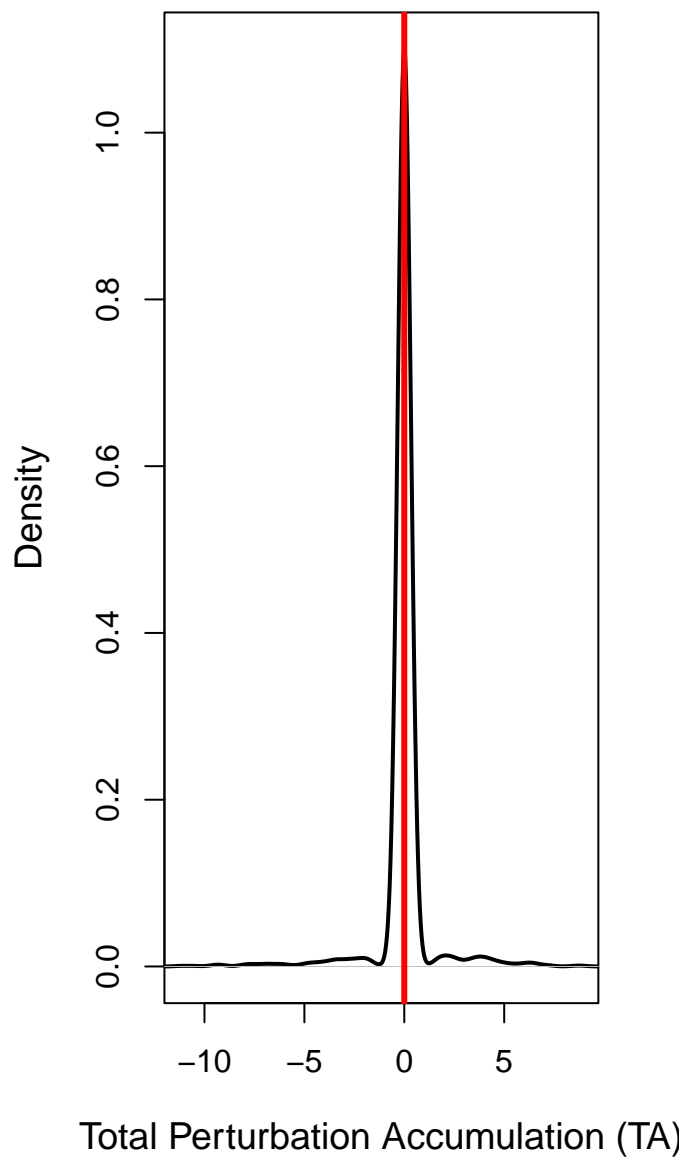
pathway ID=05235 P PERT=0.83



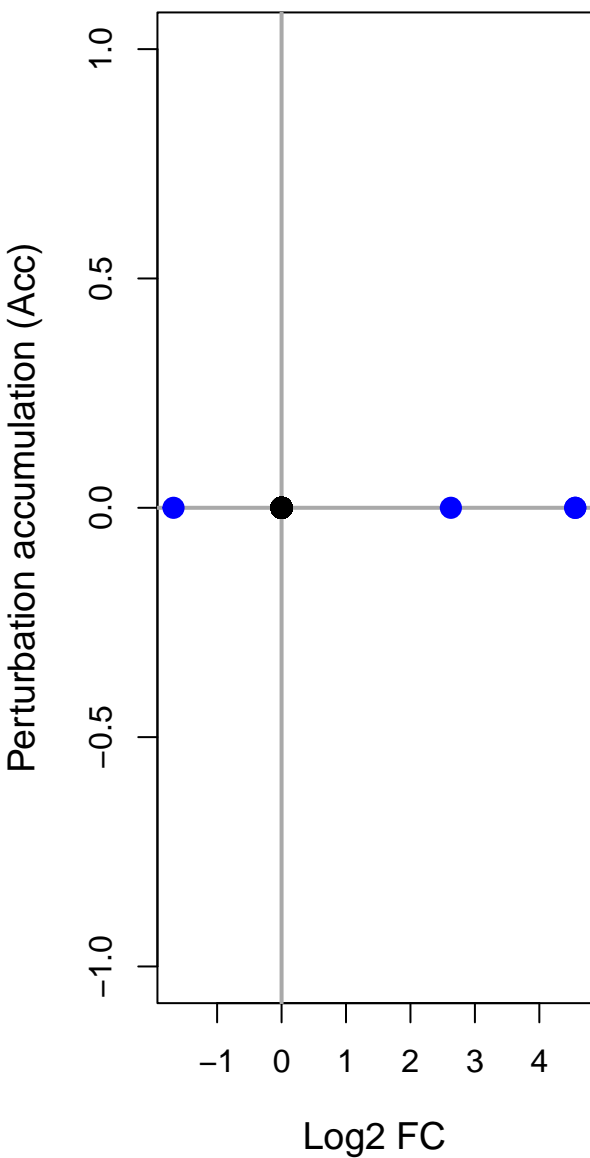
pathway ID=05310



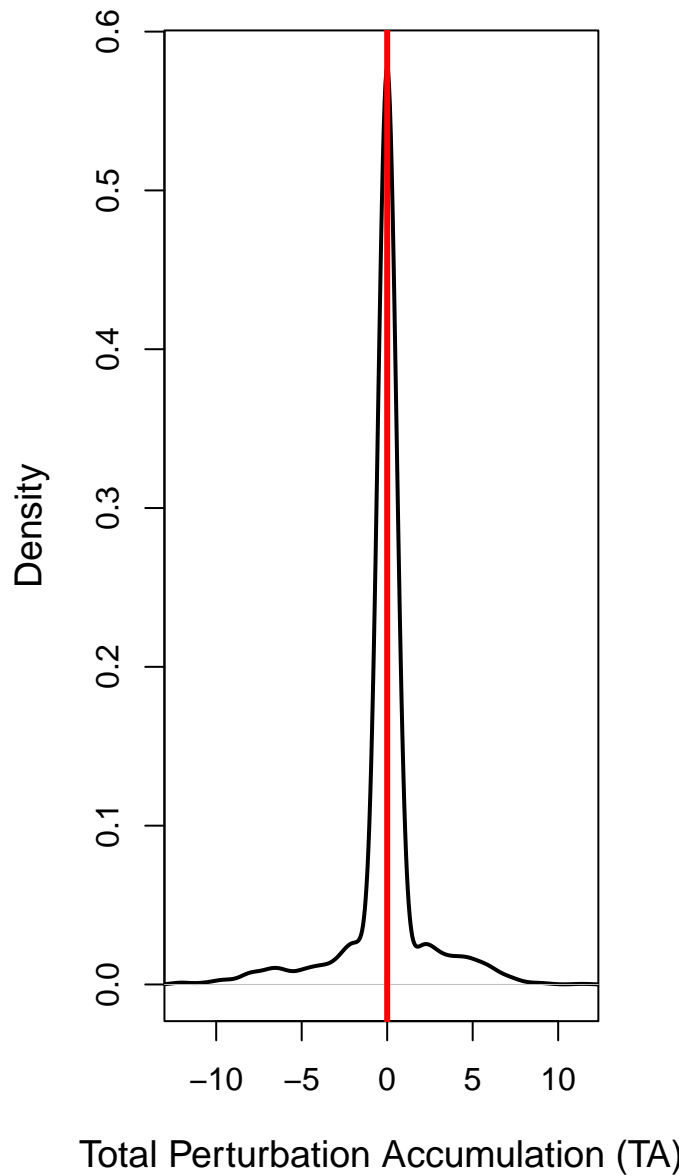
pathway ID=05310 P PERT=1



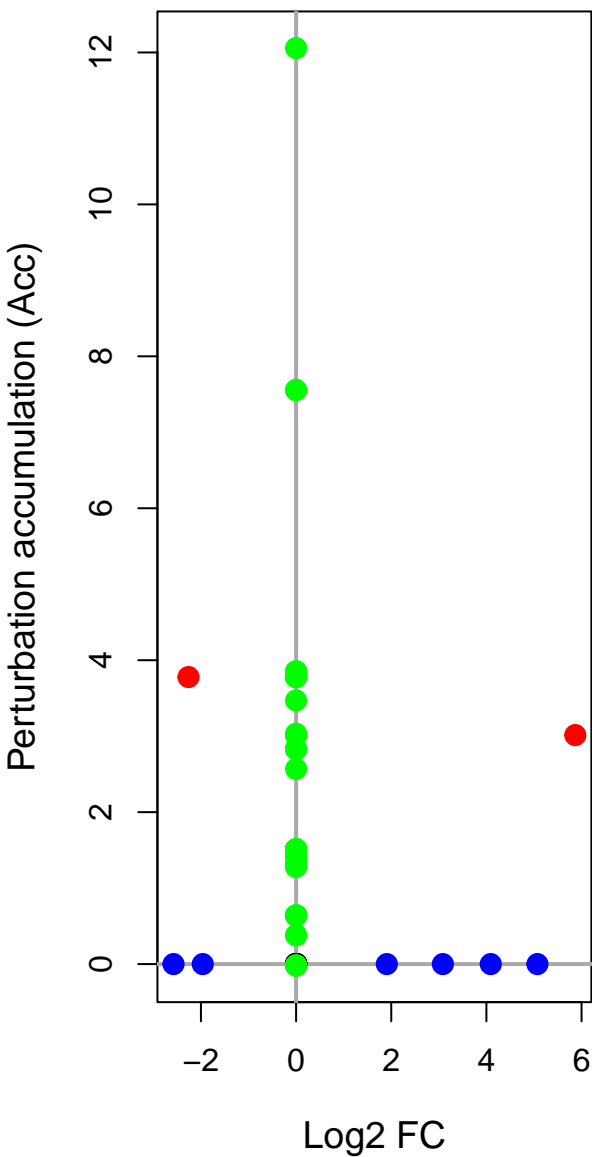
pathway ID=05320



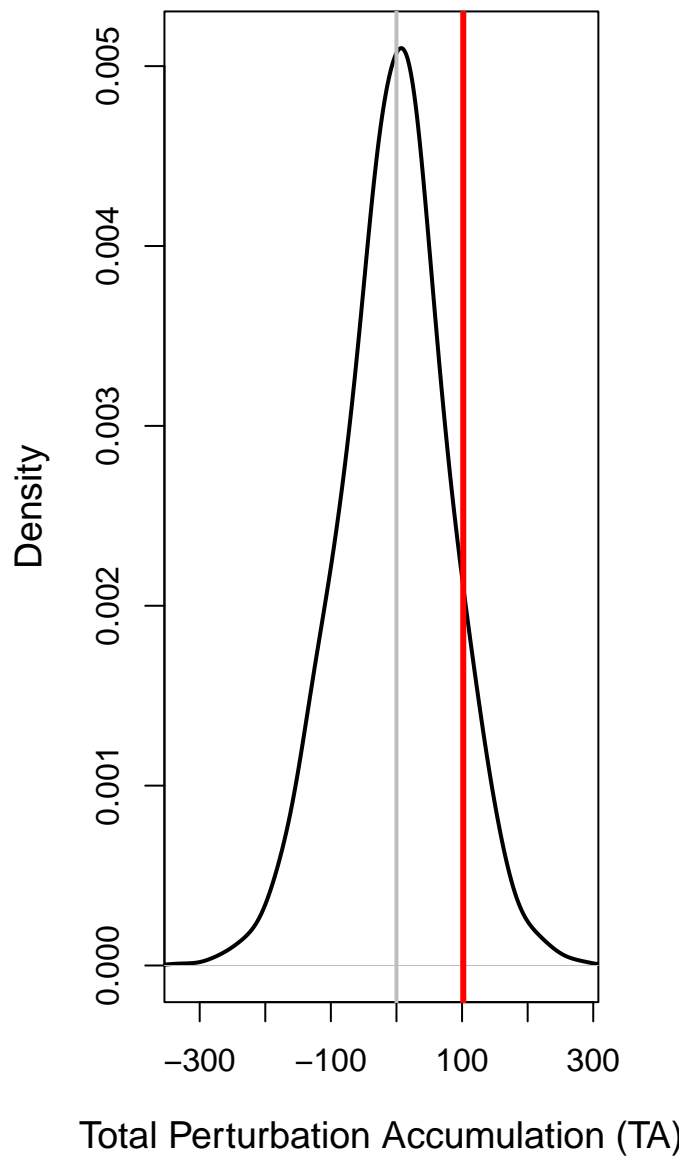
pathway ID=05320 P PERT=1



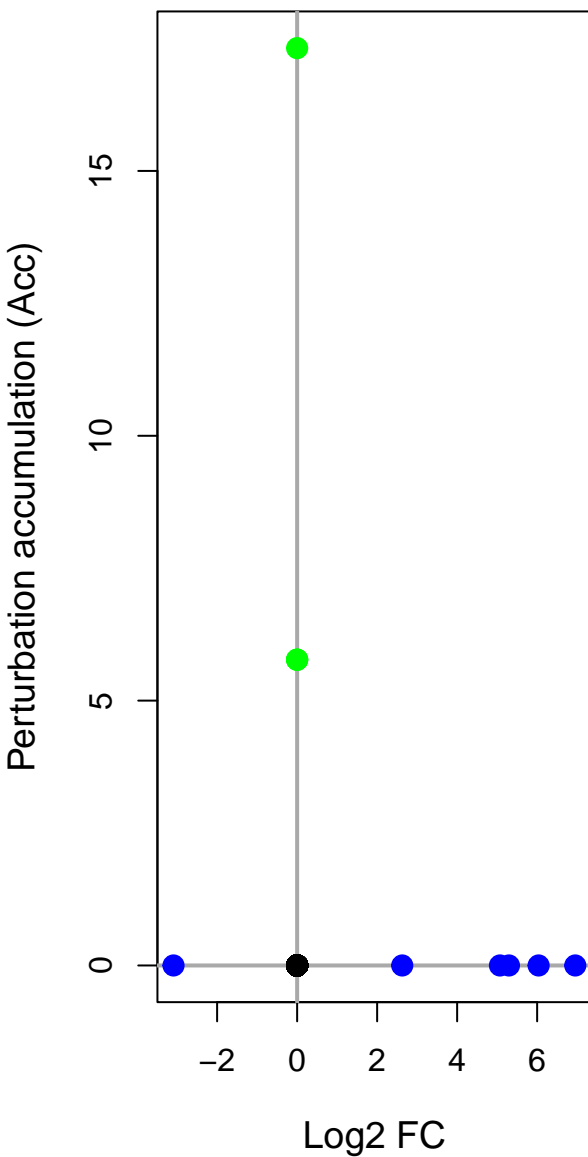
pathway ID=05321



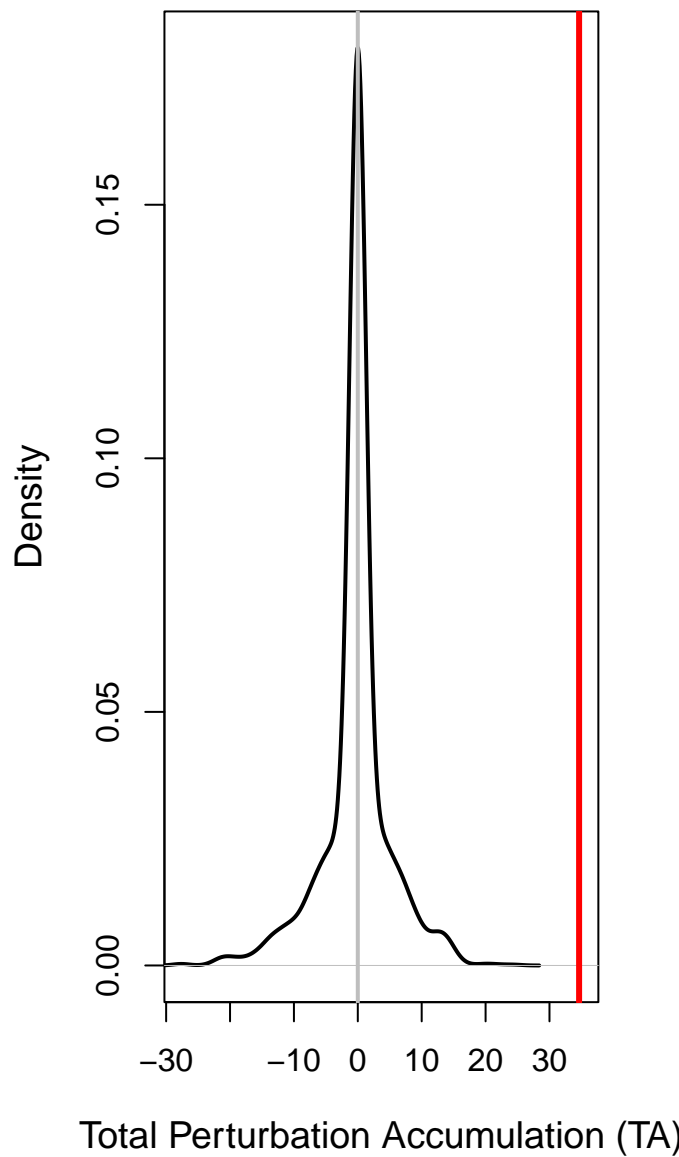
pathway ID=05321 P PERT=0.198



pathway ID=05322

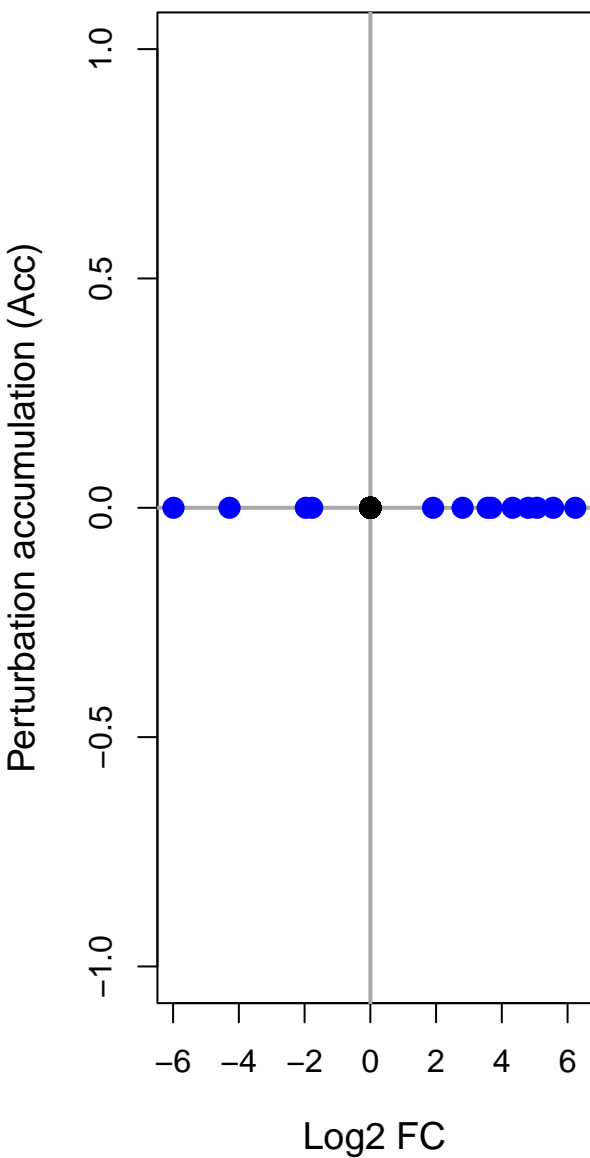


pathway ID=05322 P PERT=0

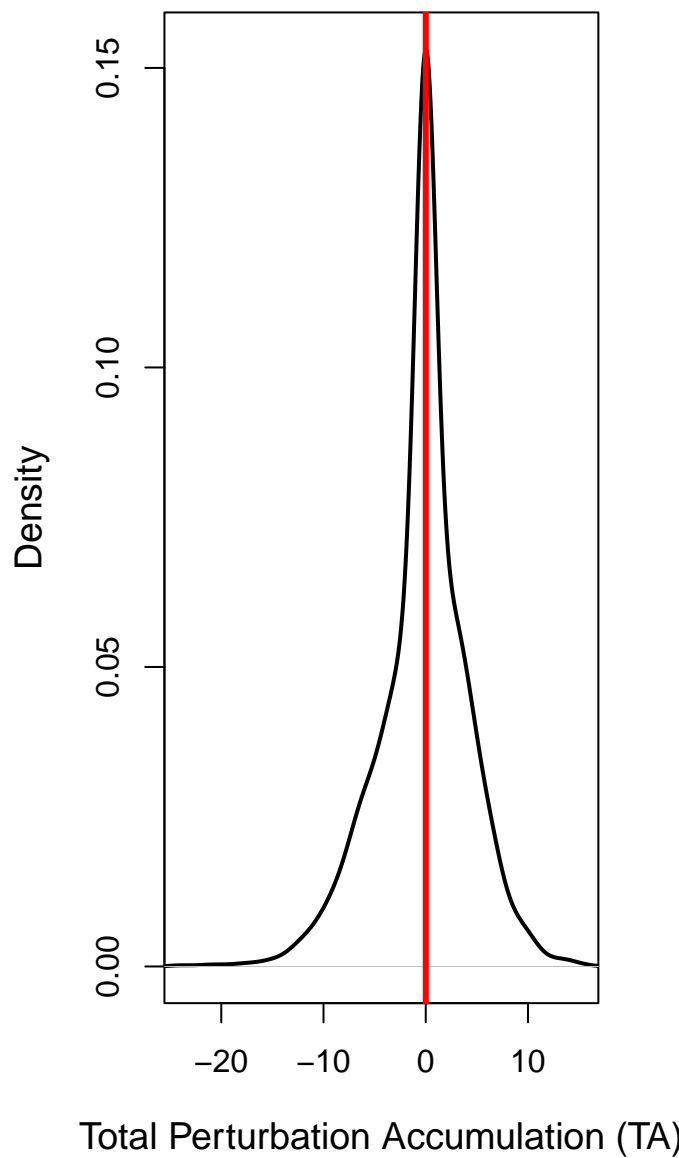




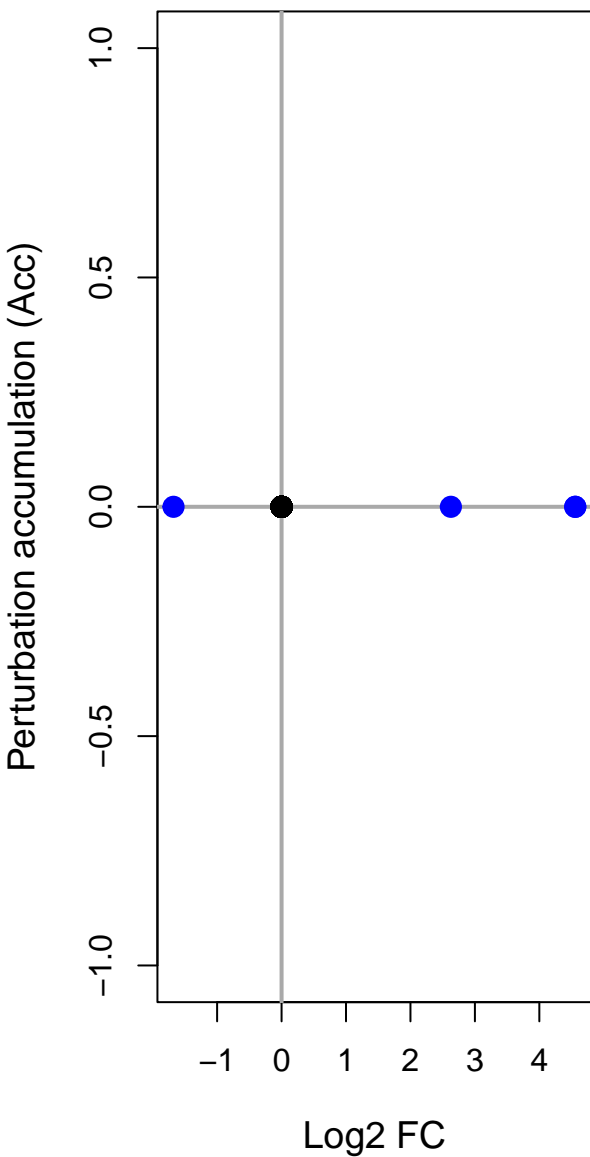
pathway ID=05323



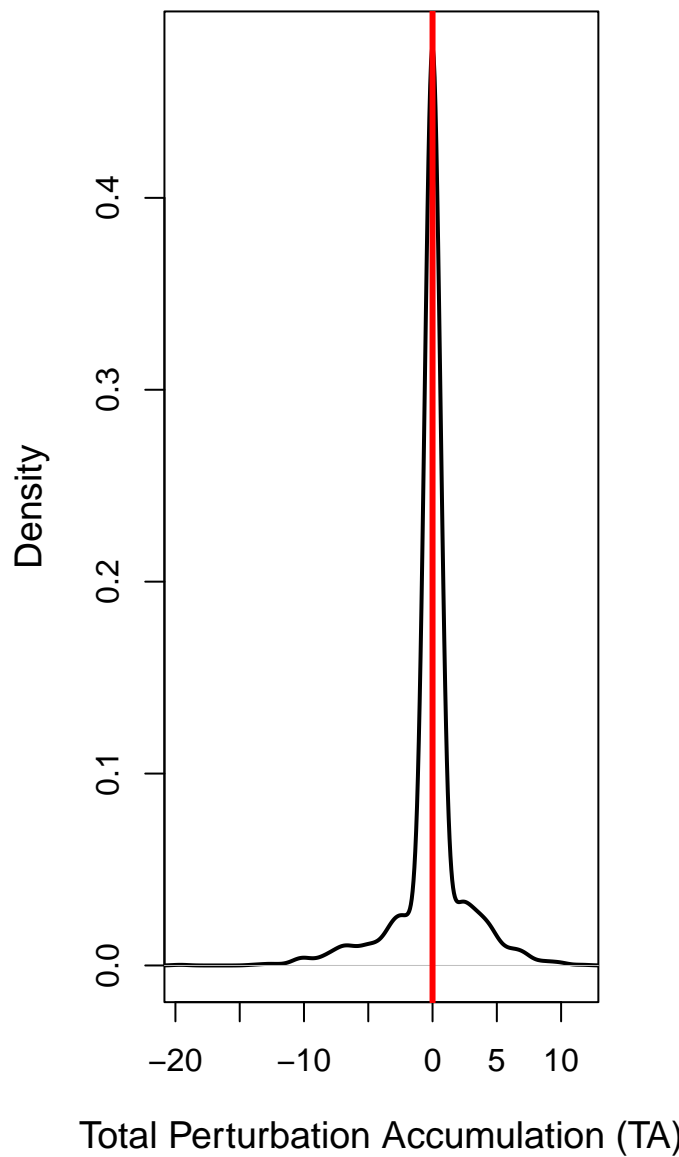
pathway ID=05323 P PERT=1



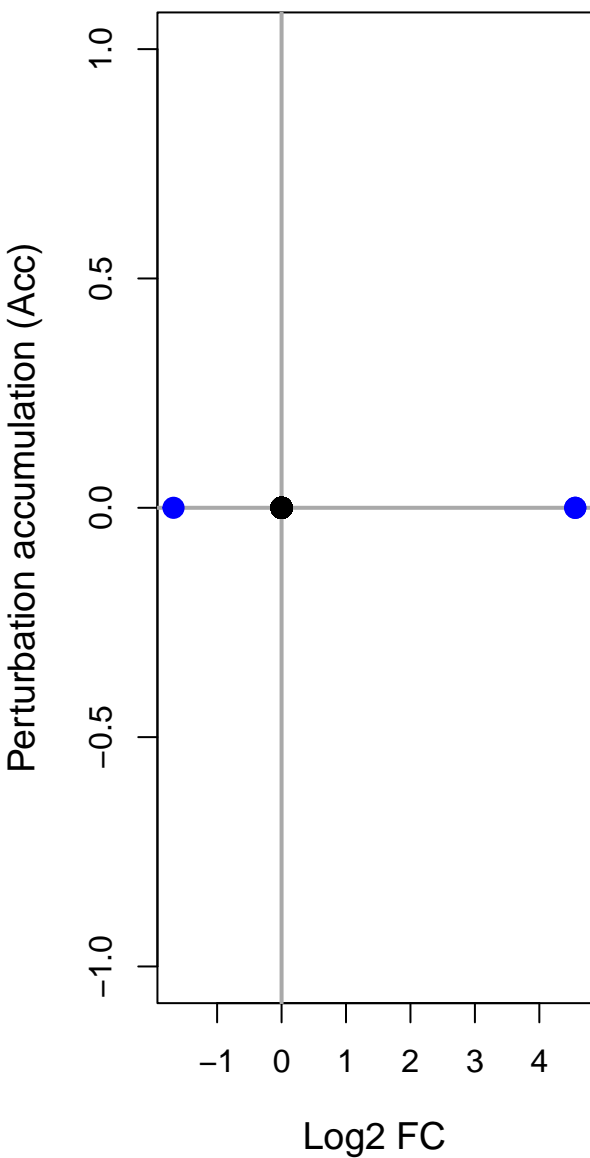
pathway ID=05330



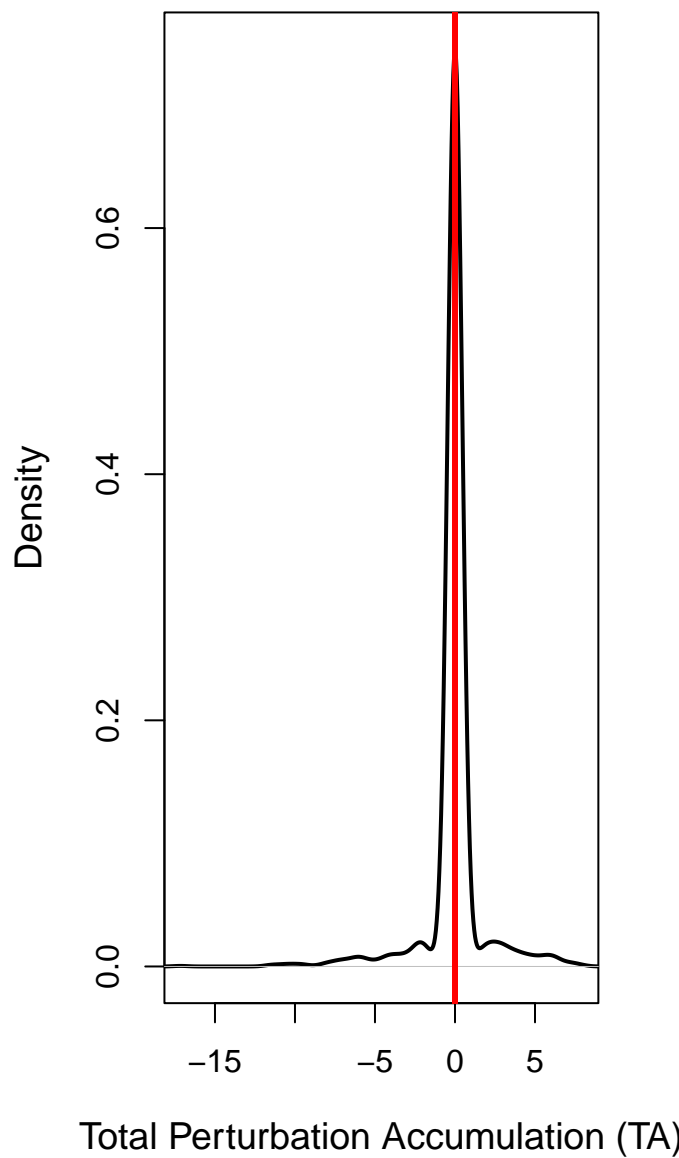
pathway ID=05330 P PERT=1



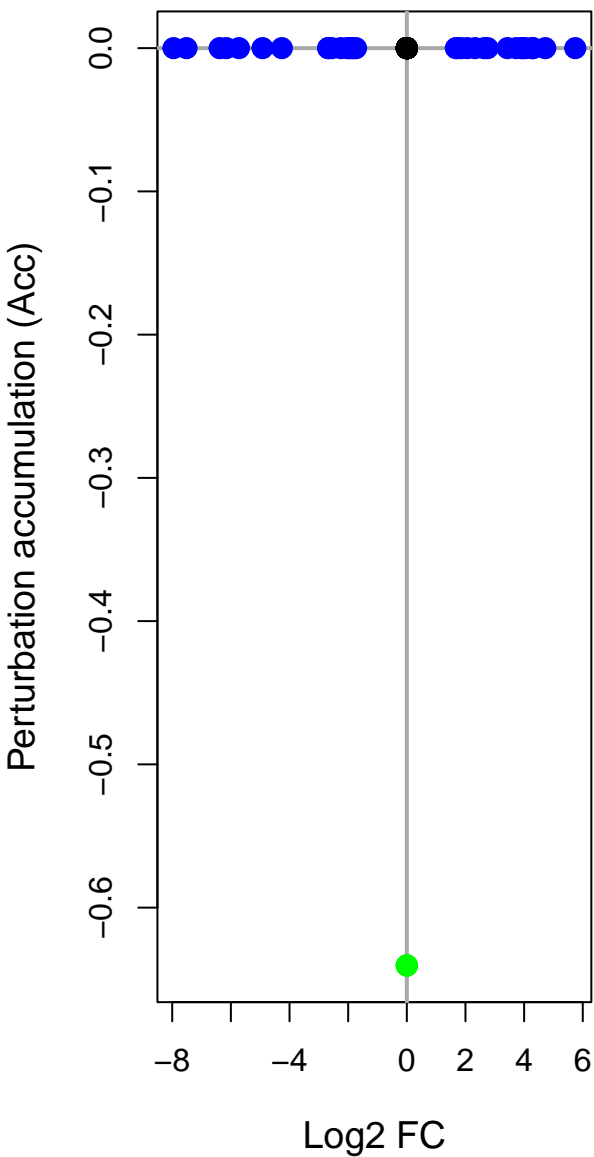
pathway ID=05332



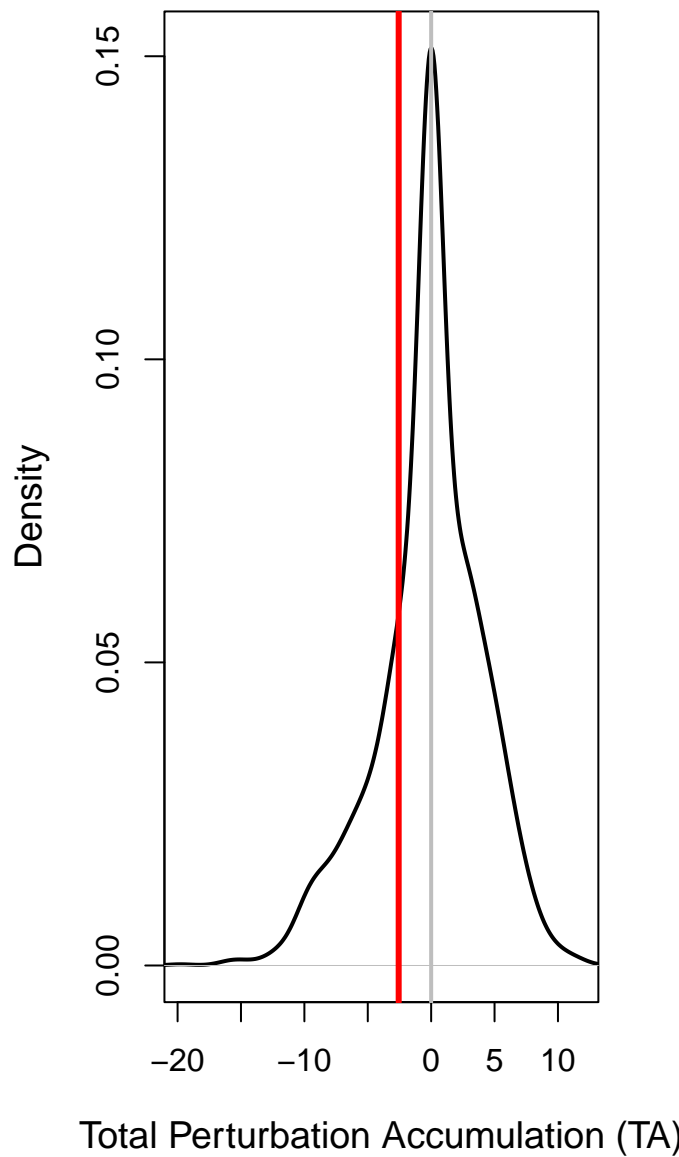
pathway ID=05332 P PERT=1



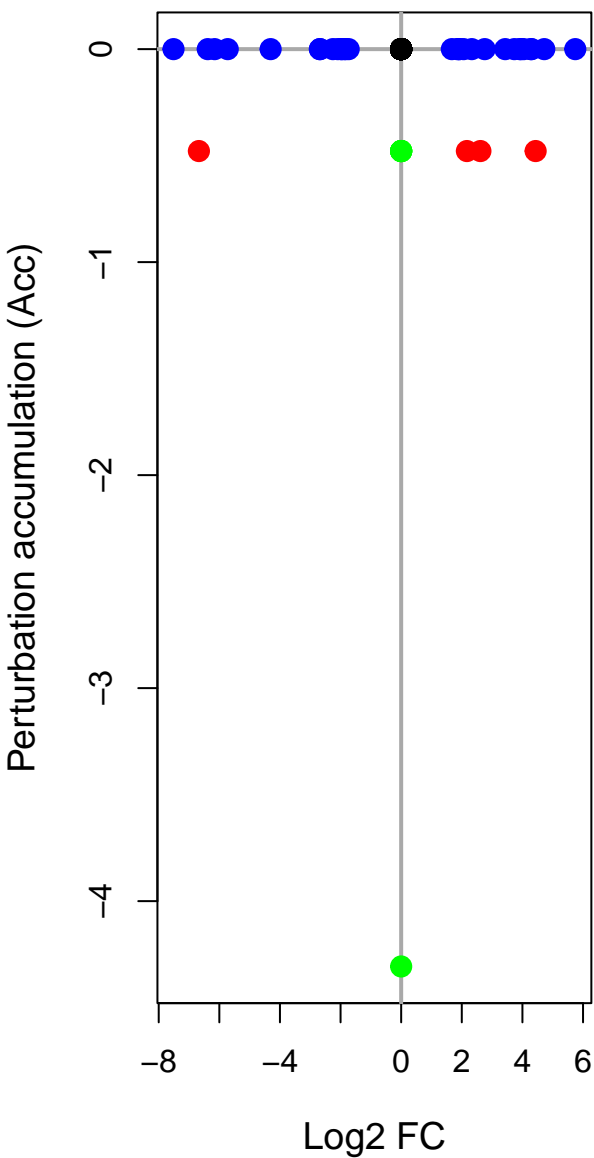
pathway ID=05412



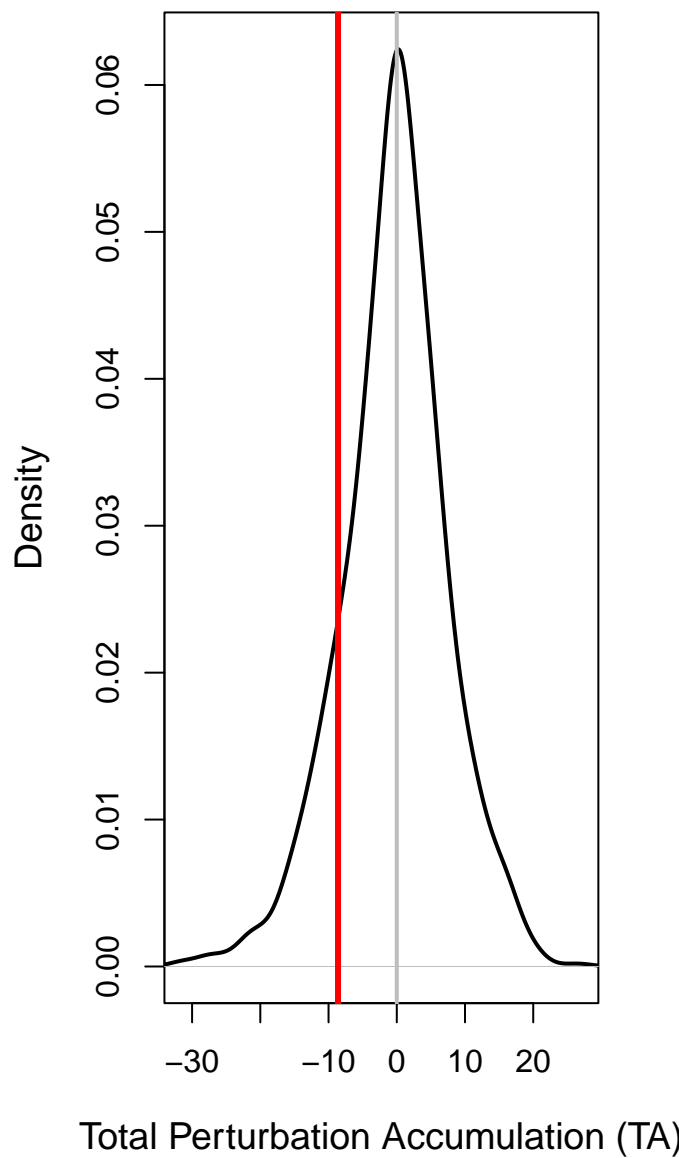
pathway ID=05412 P PERT=0.426



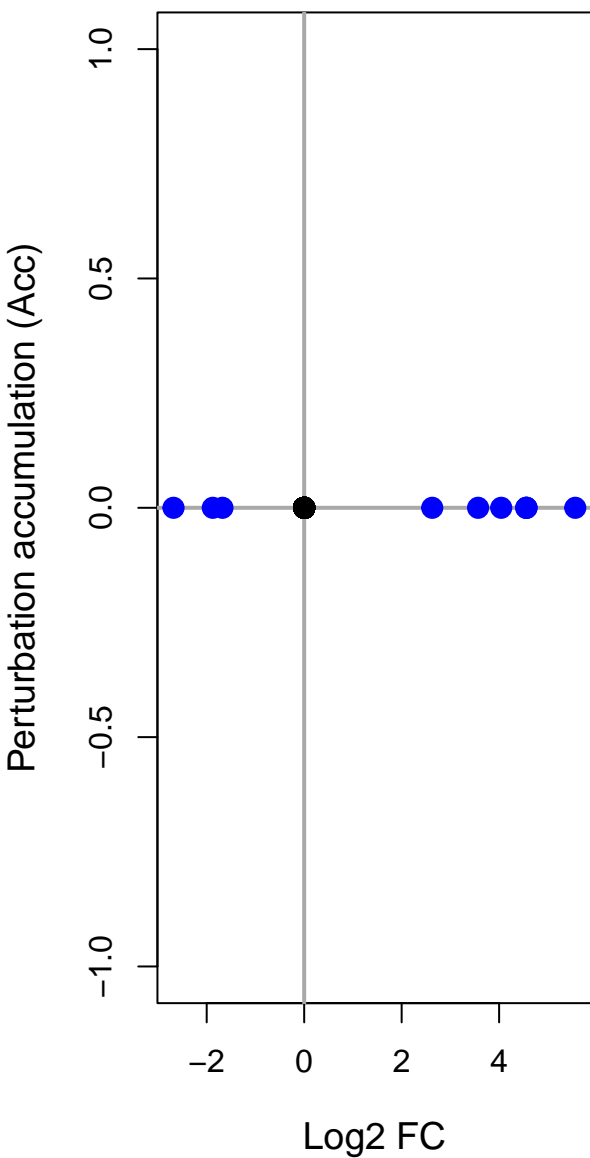
pathway ID=05414



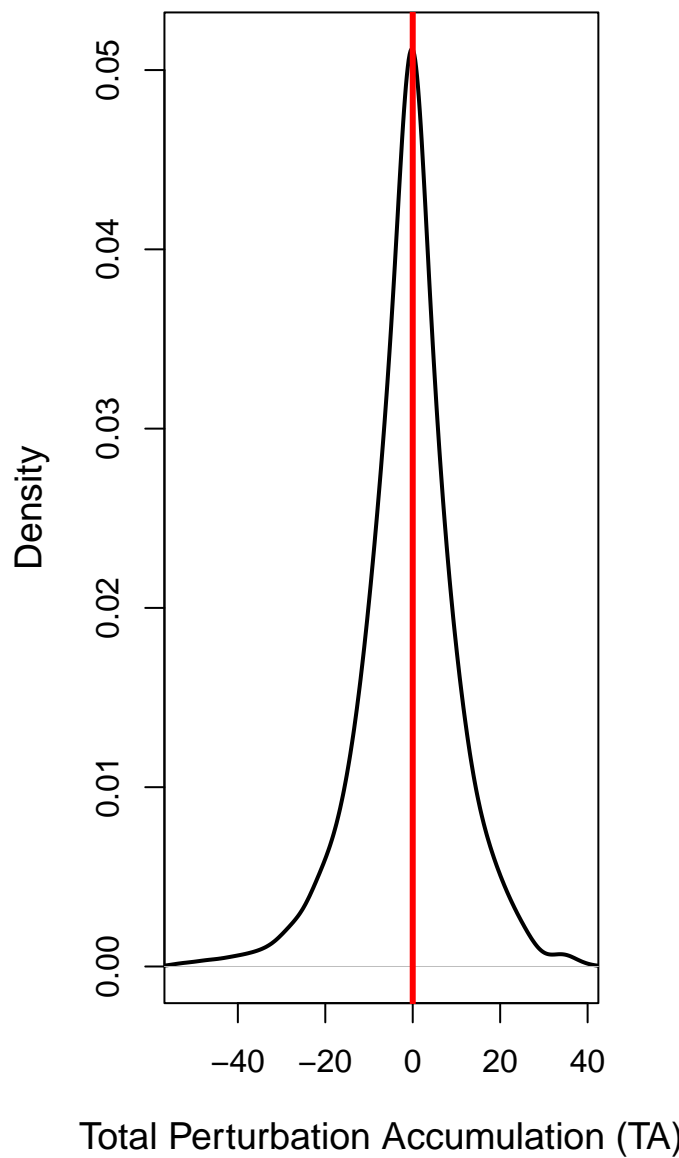
pathway ID=05414 P PERT=0.267



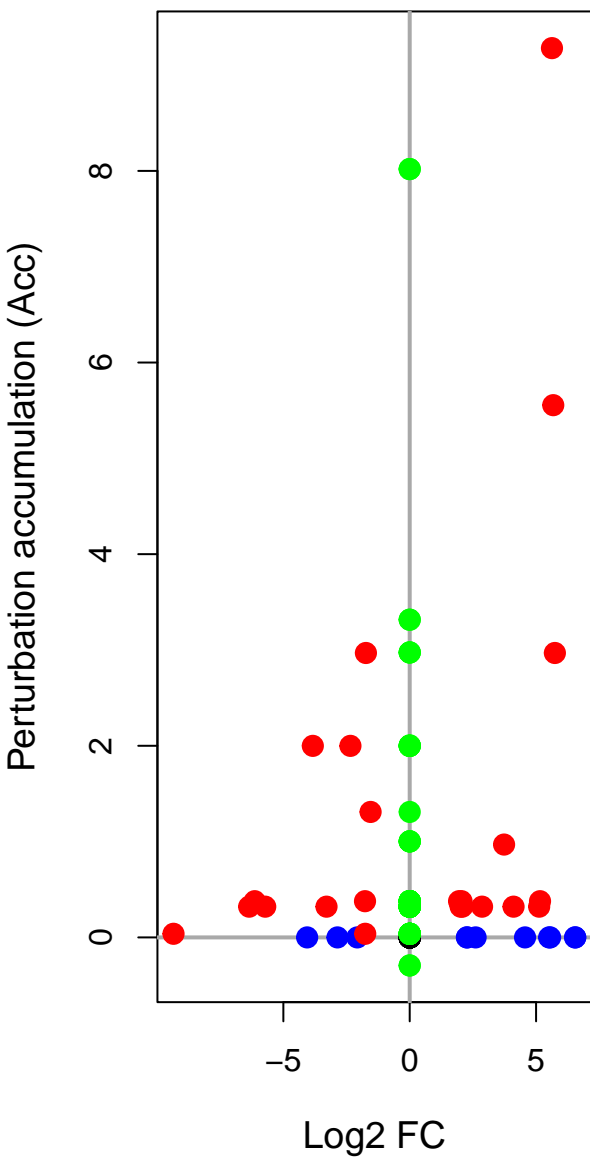
pathway ID=05416



pathway ID=05416 P PERT=1



pathway ID=05418



pathway ID=05418 P PERT=0.023

