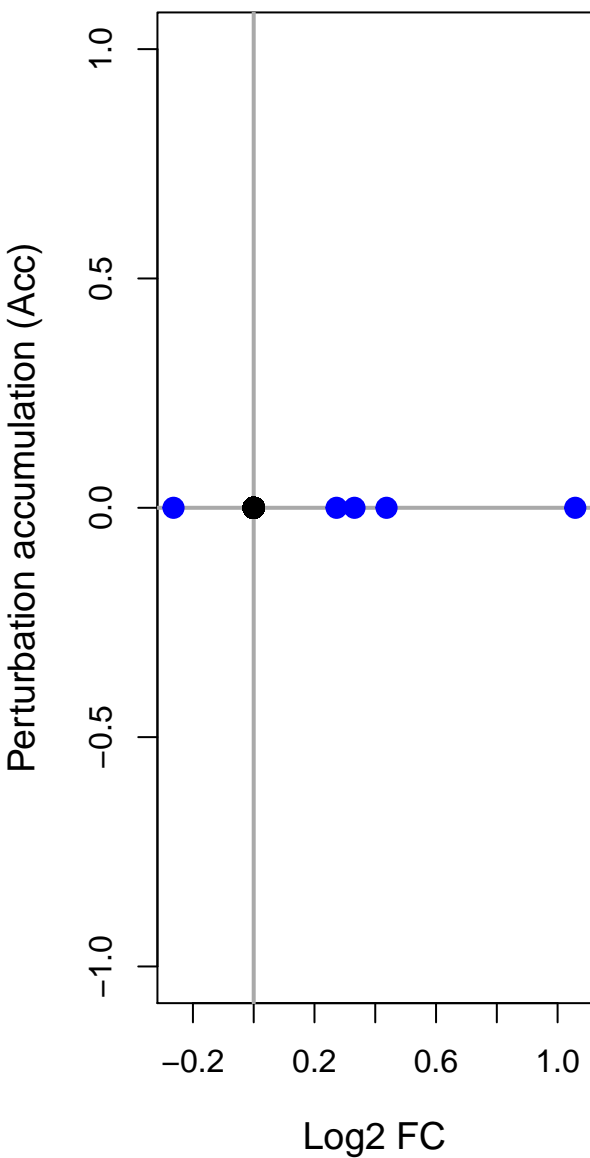
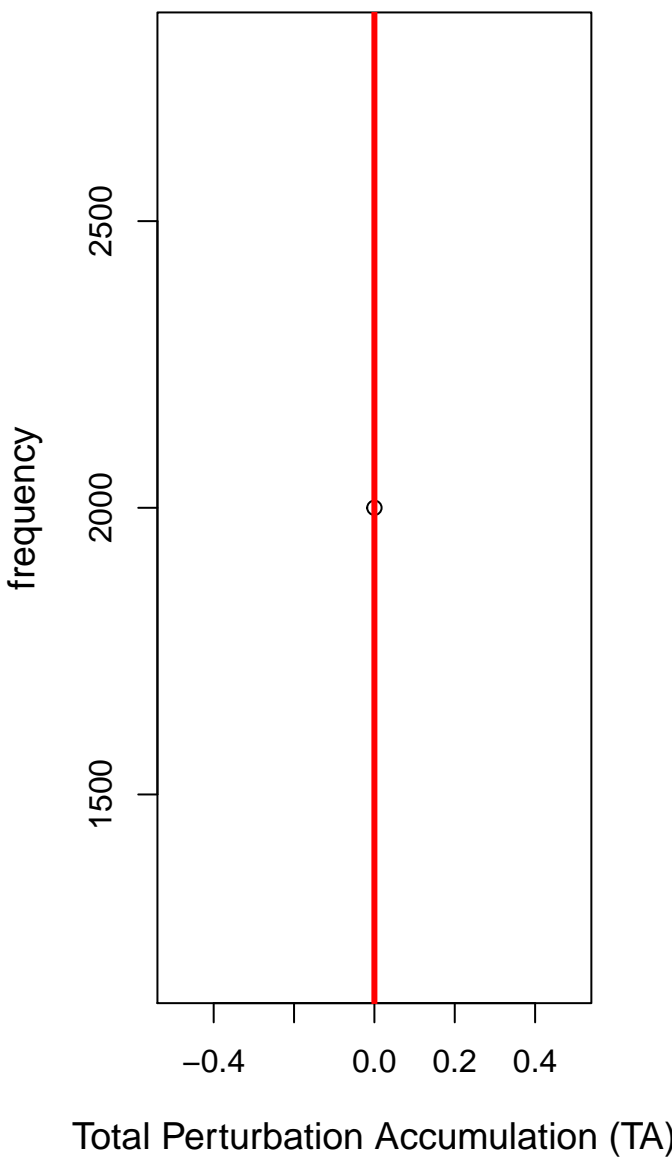


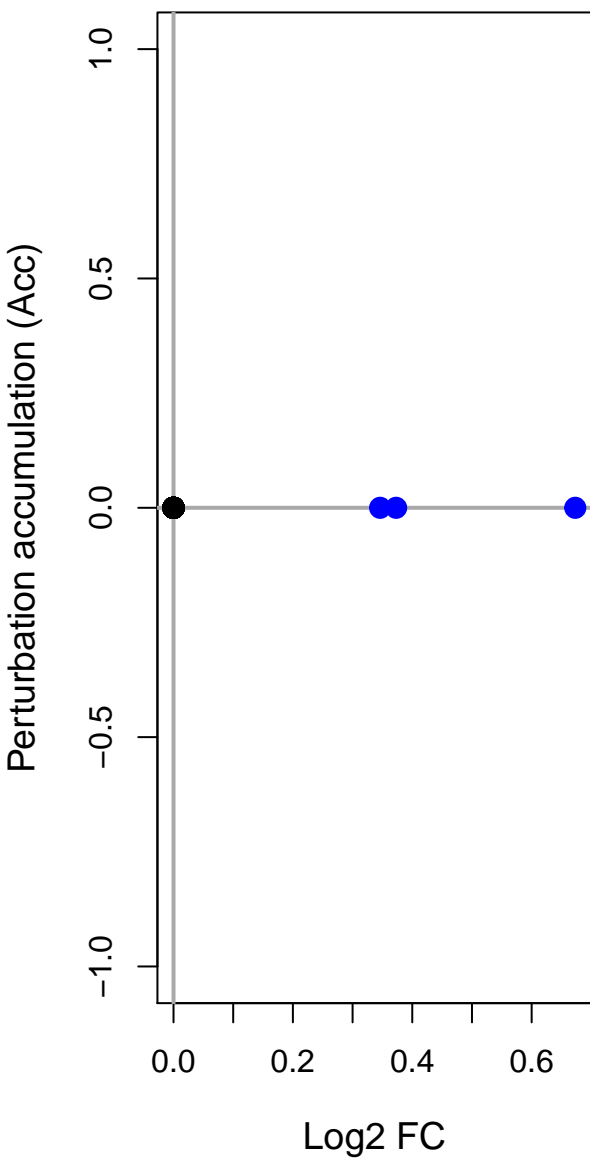
pathway ID=03013



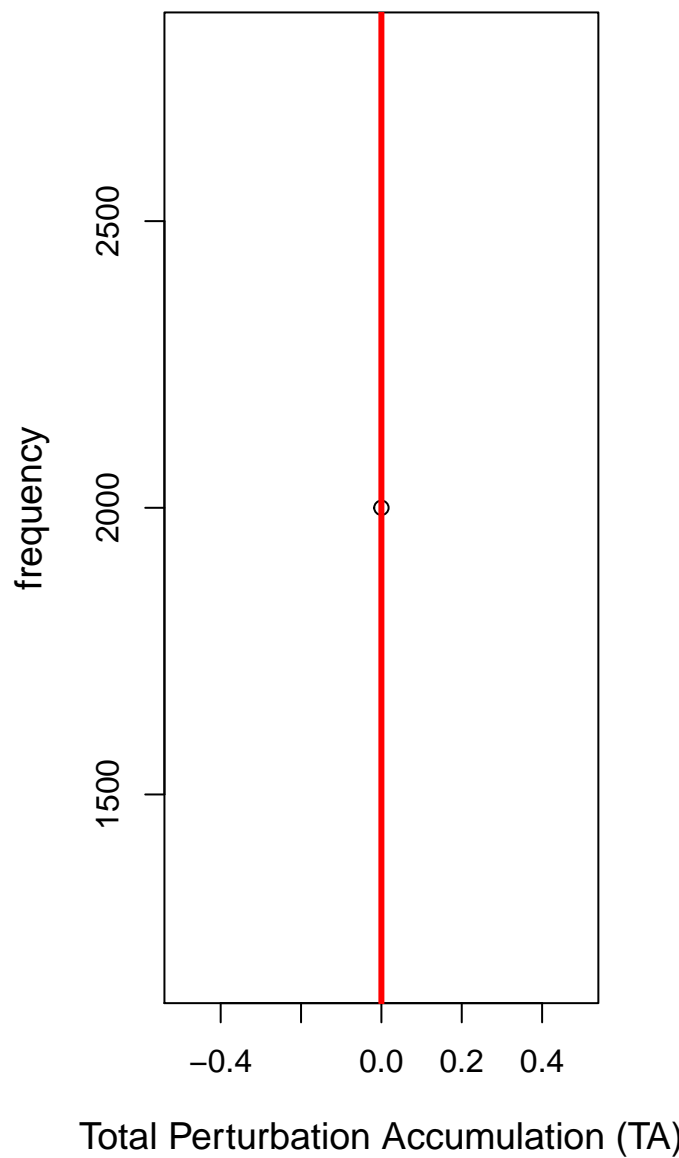
pathway ID=03013 P PERT=NA



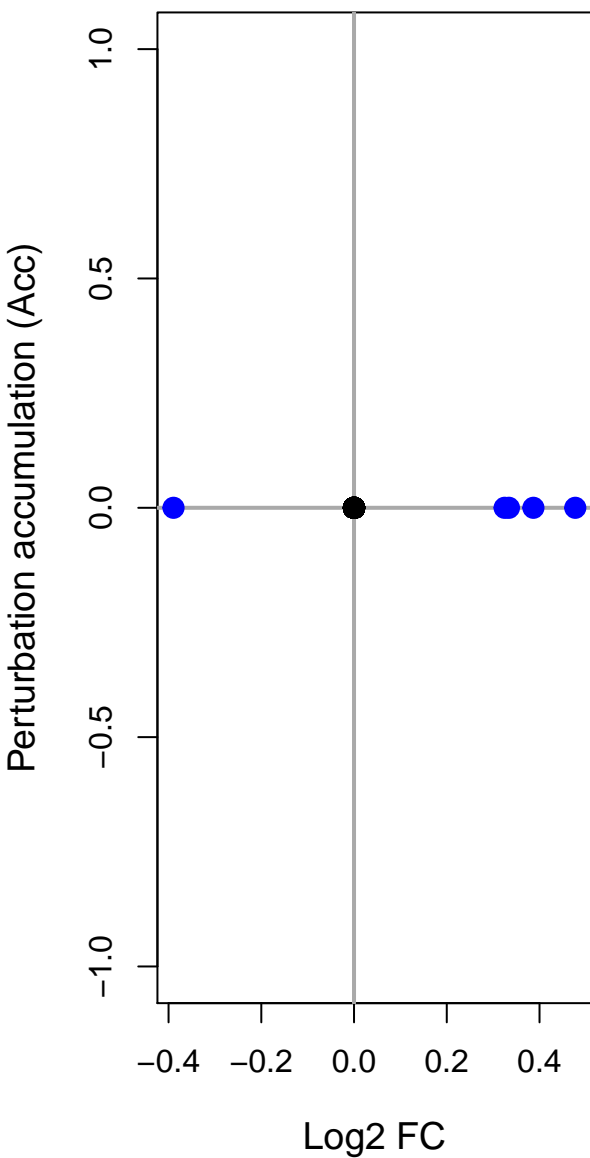
pathway ID=03018



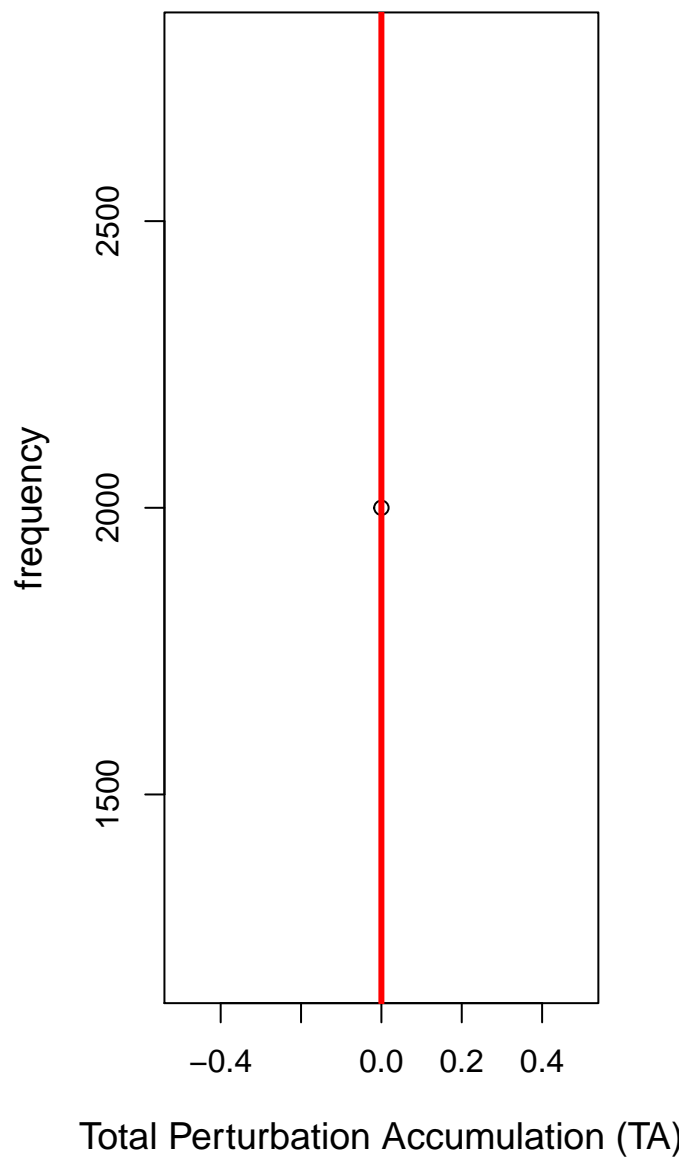
pathway ID=03018 P PERT=NA



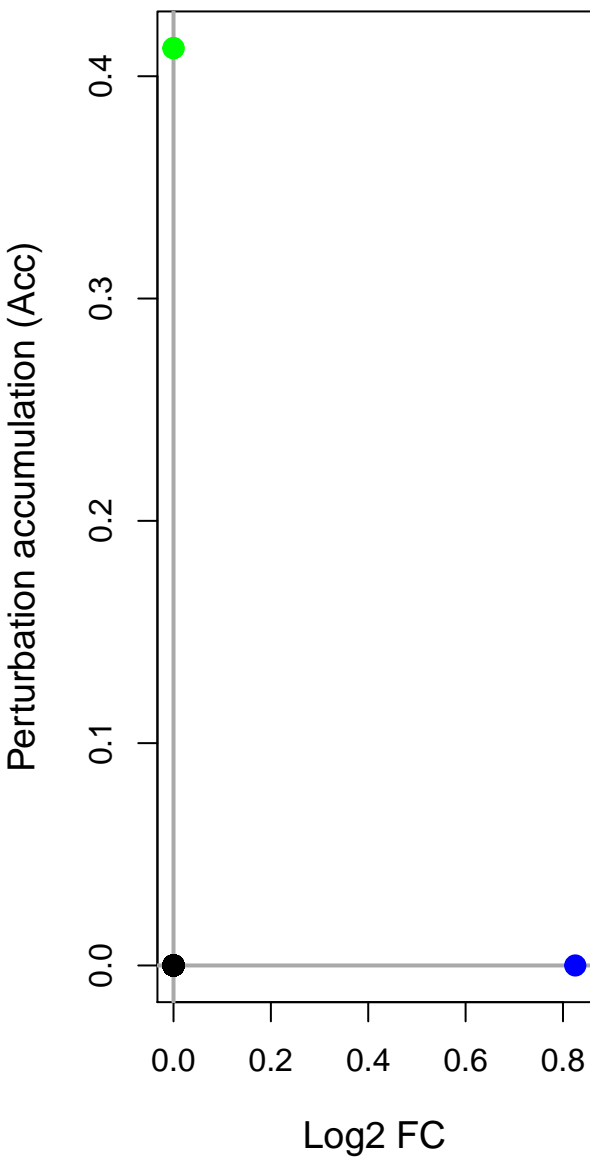
pathway ID=03320



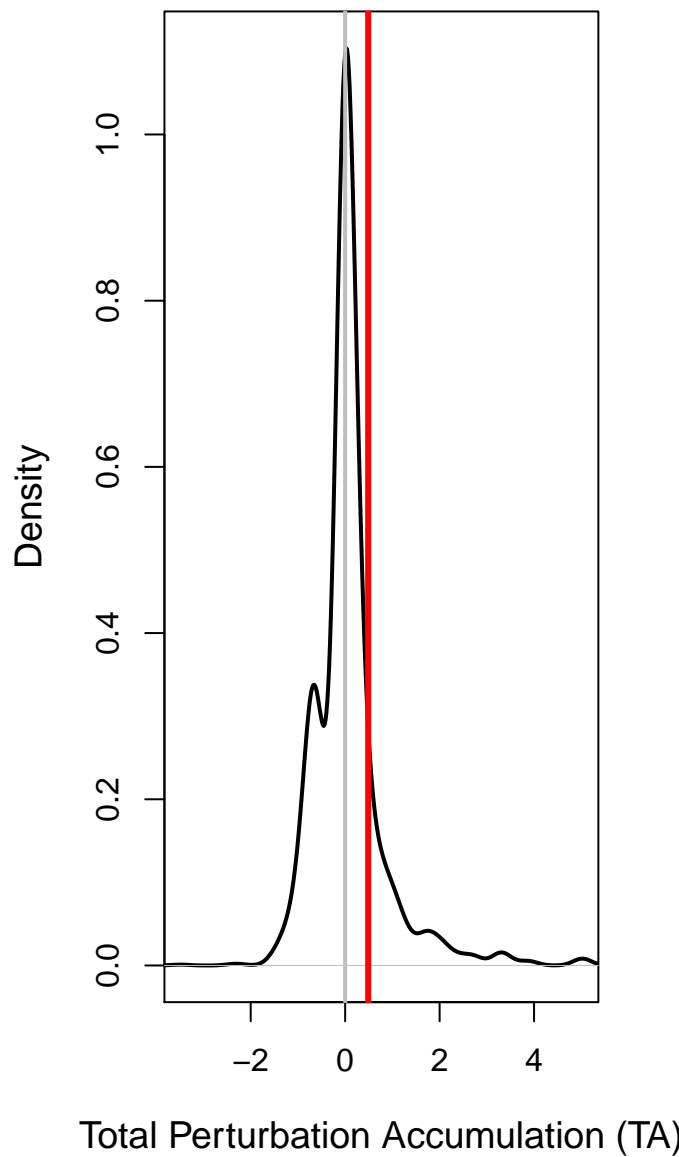
pathway ID=03320 P PERT=NA



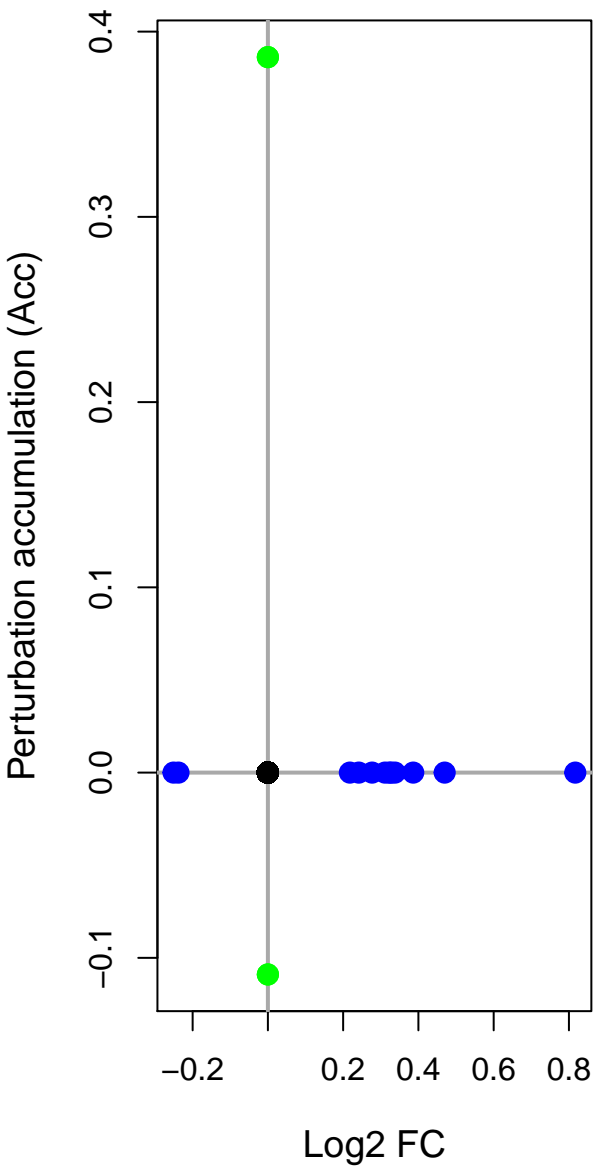
pathway ID=03460



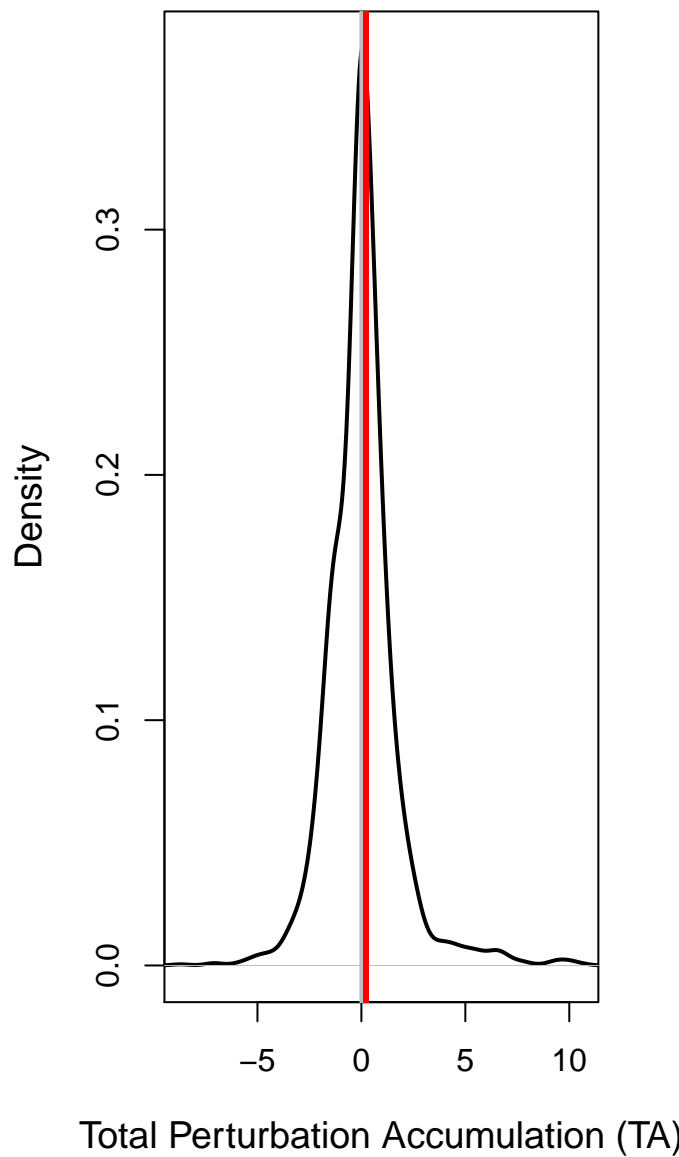
pathway ID=03460 P PERT=0.299



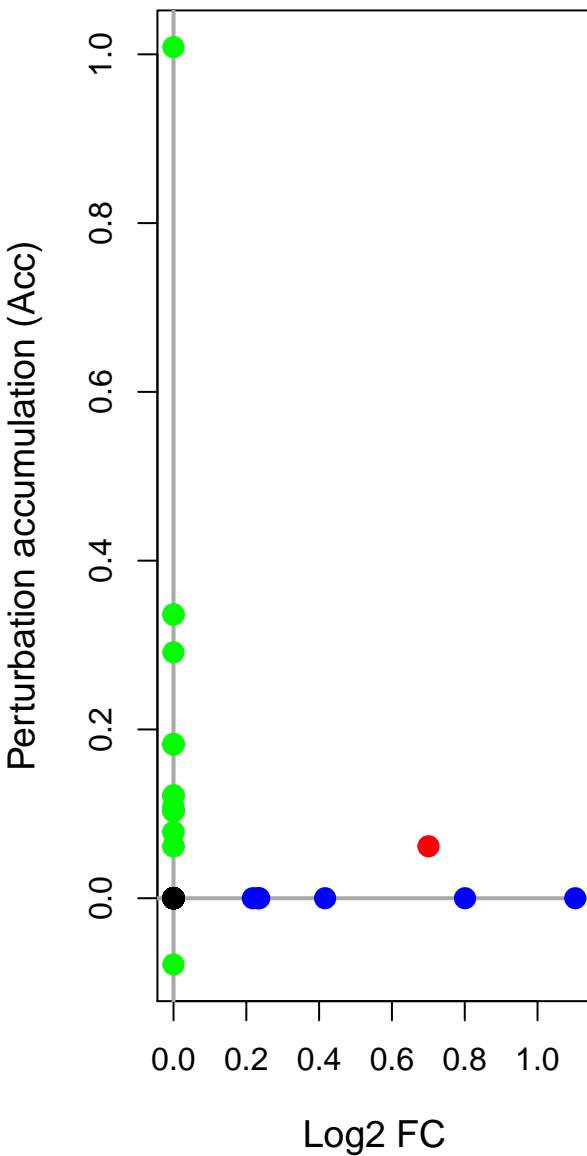
pathway ID=04010



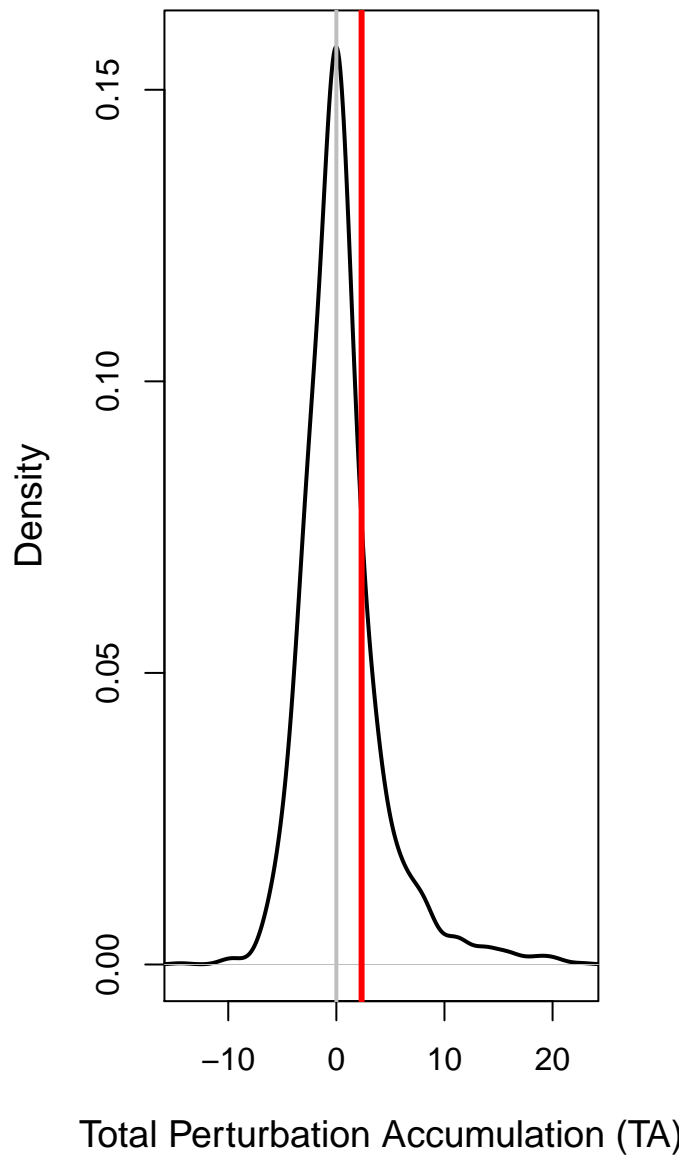
pathway ID=04010 P PERT=0.758



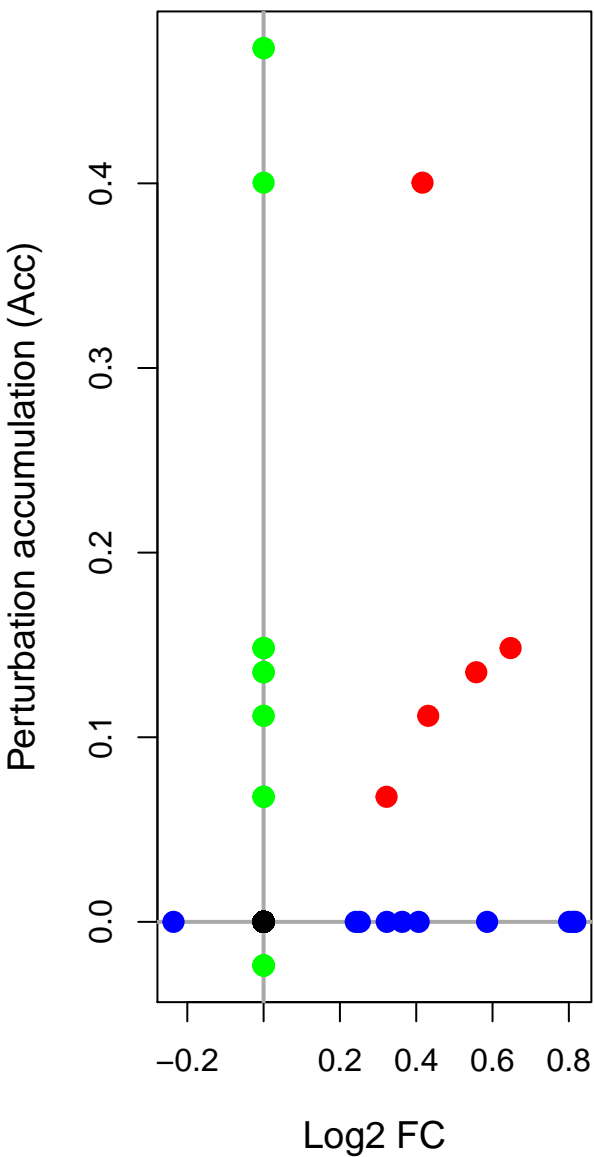
pathway ID=04012



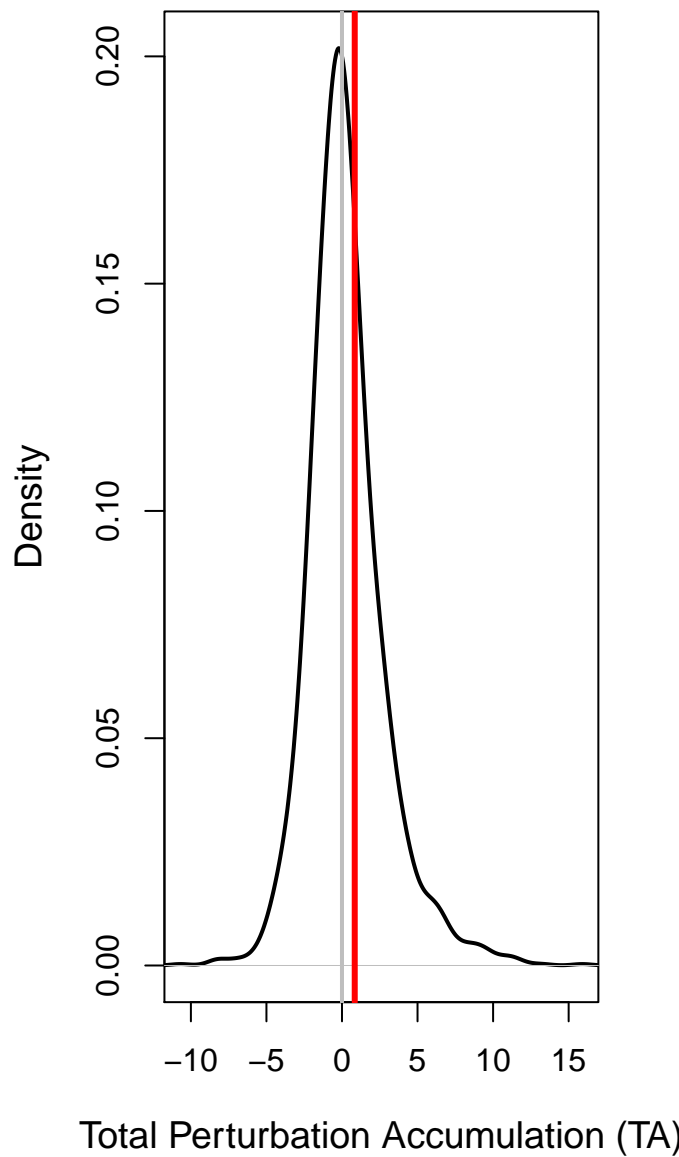
pathway ID=04012 P PERT=0.413



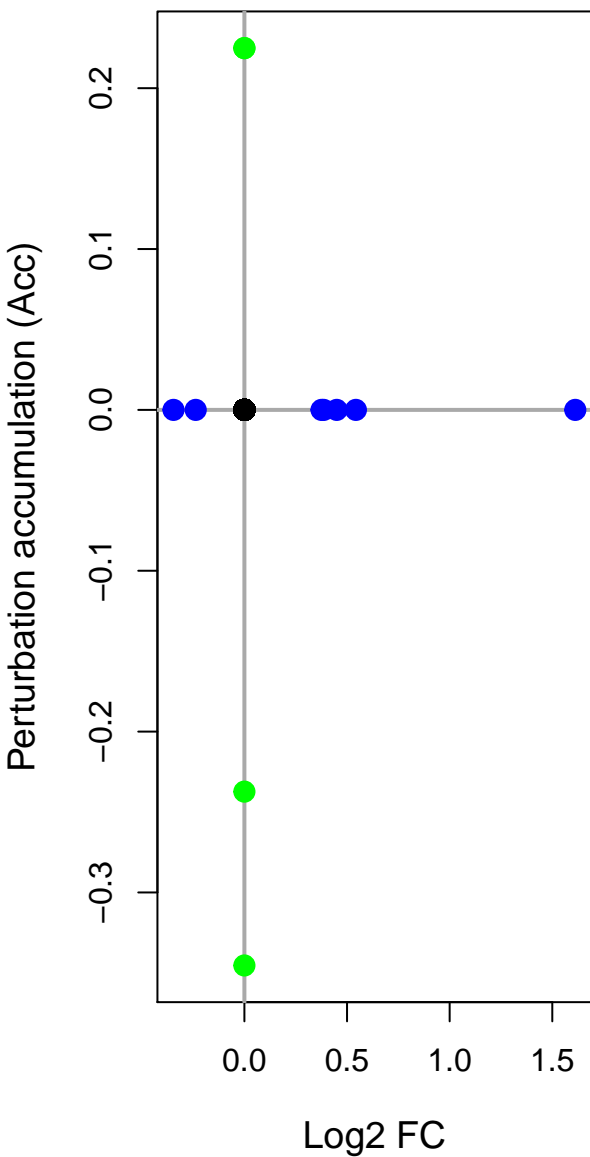
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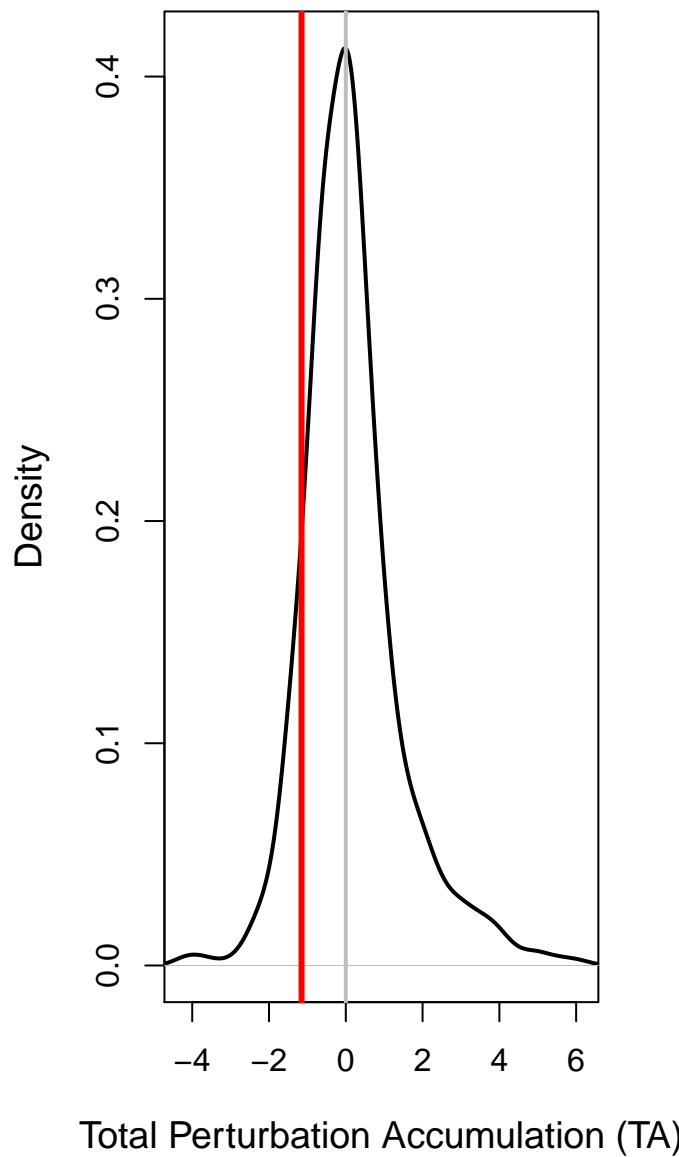
pathway ID=04020 P PERT=0.675



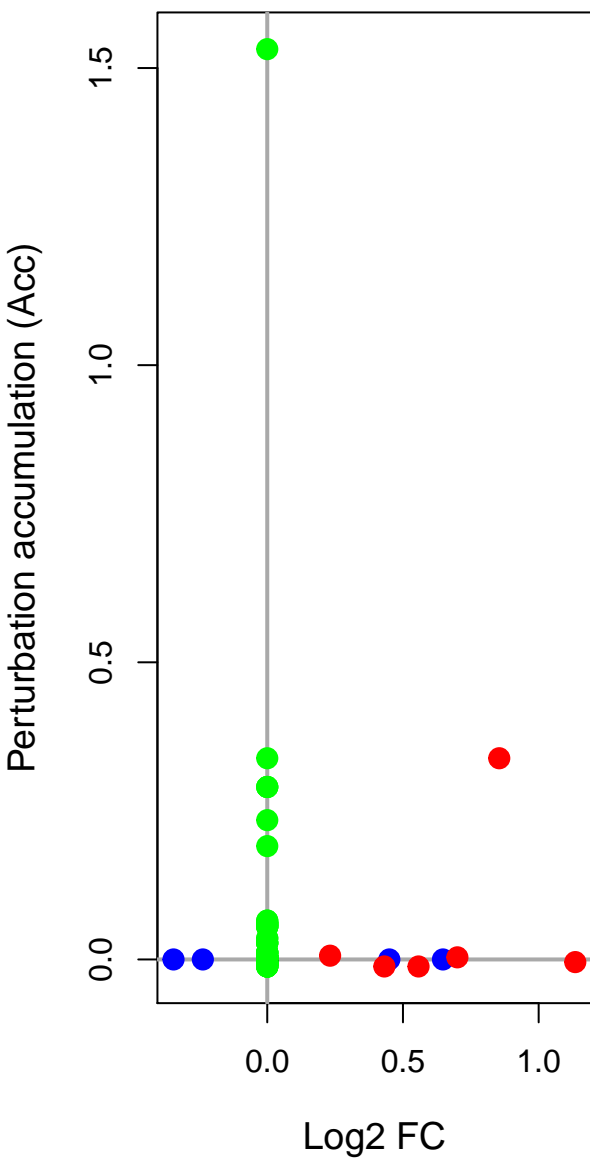
pathway ID=04060



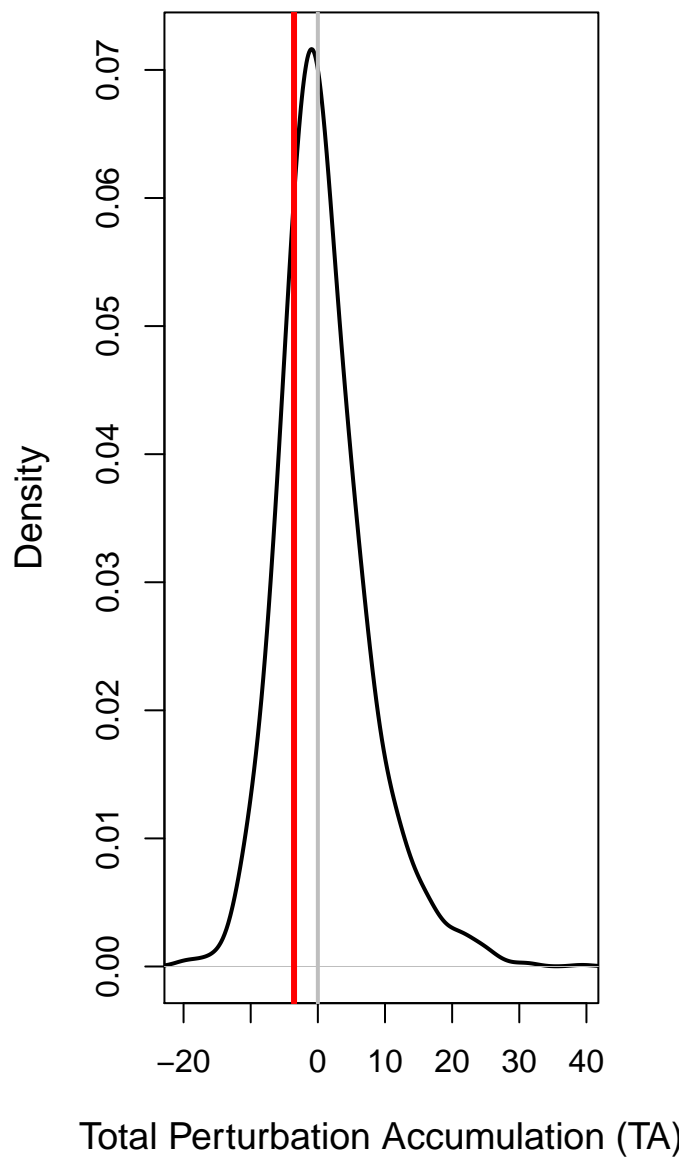
pathway ID=04060 P PERT=0.229



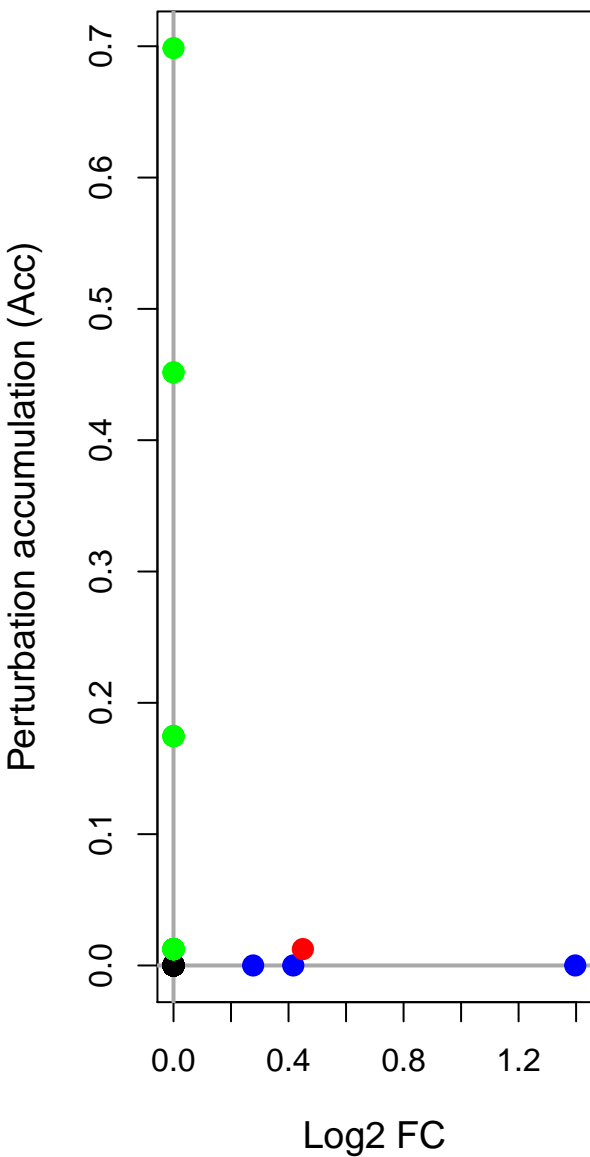
pathway ID=04062



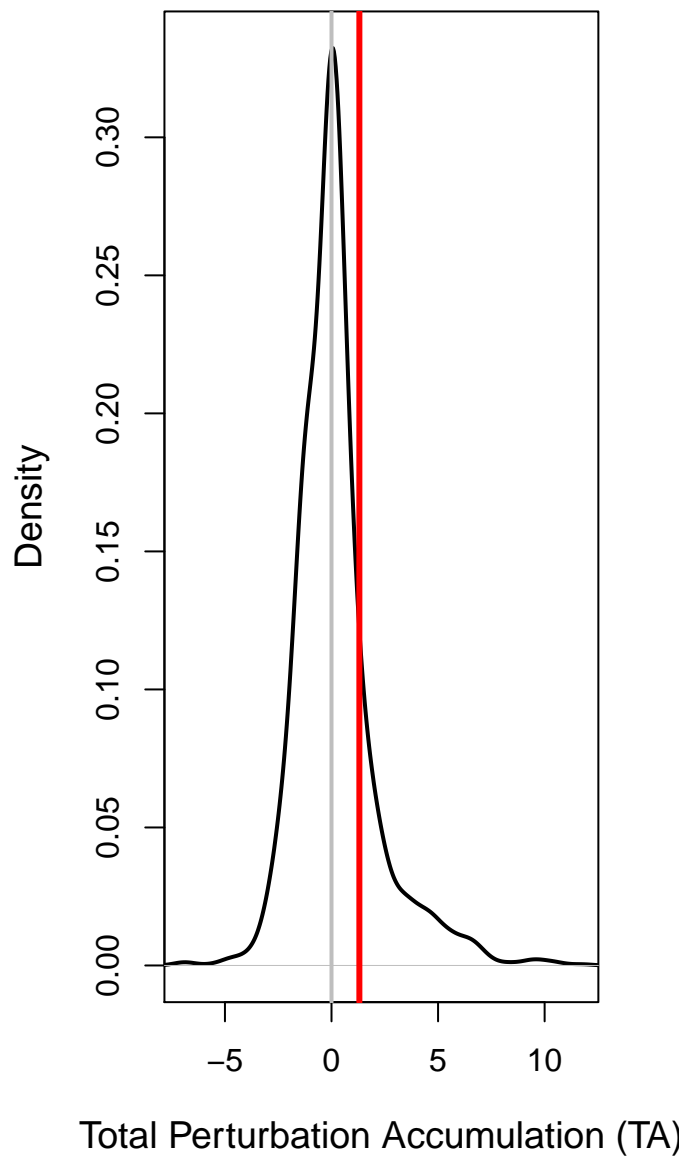
pathway ID=04062 P PERT=0.482



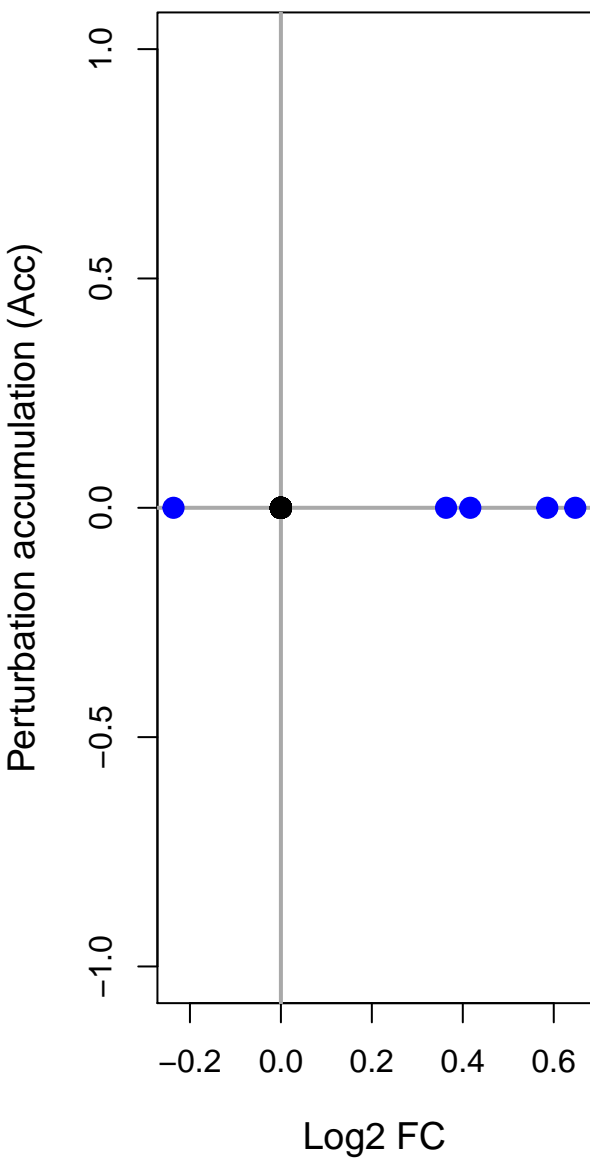
pathway ID=04064



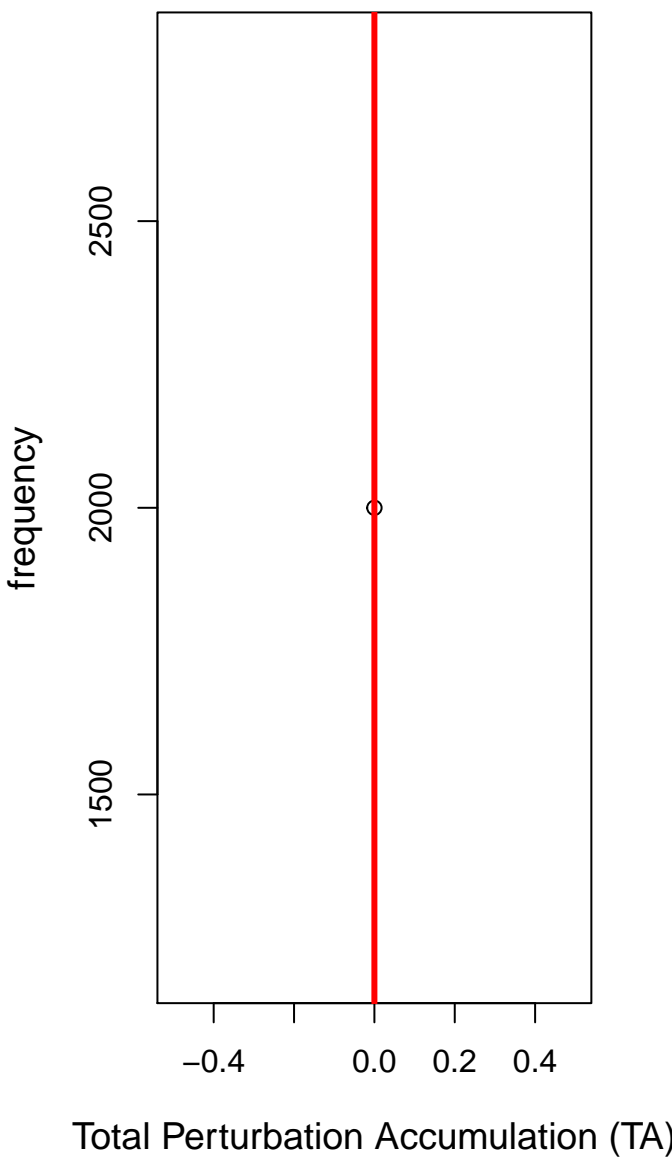
pathway ID=04064 P PERT=0.341



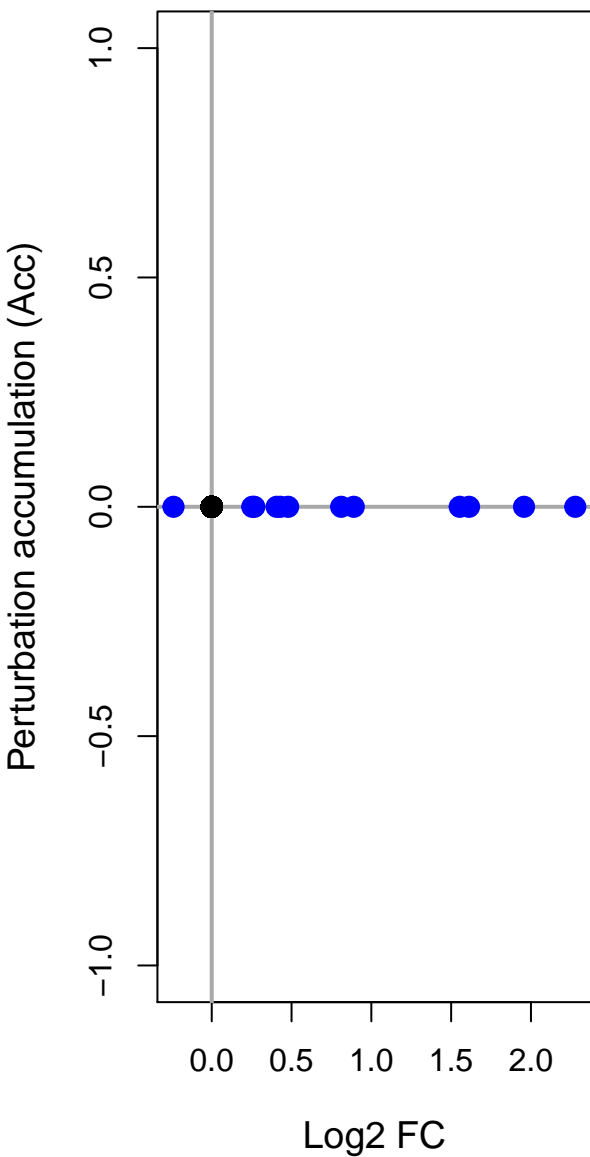
pathway ID=04070



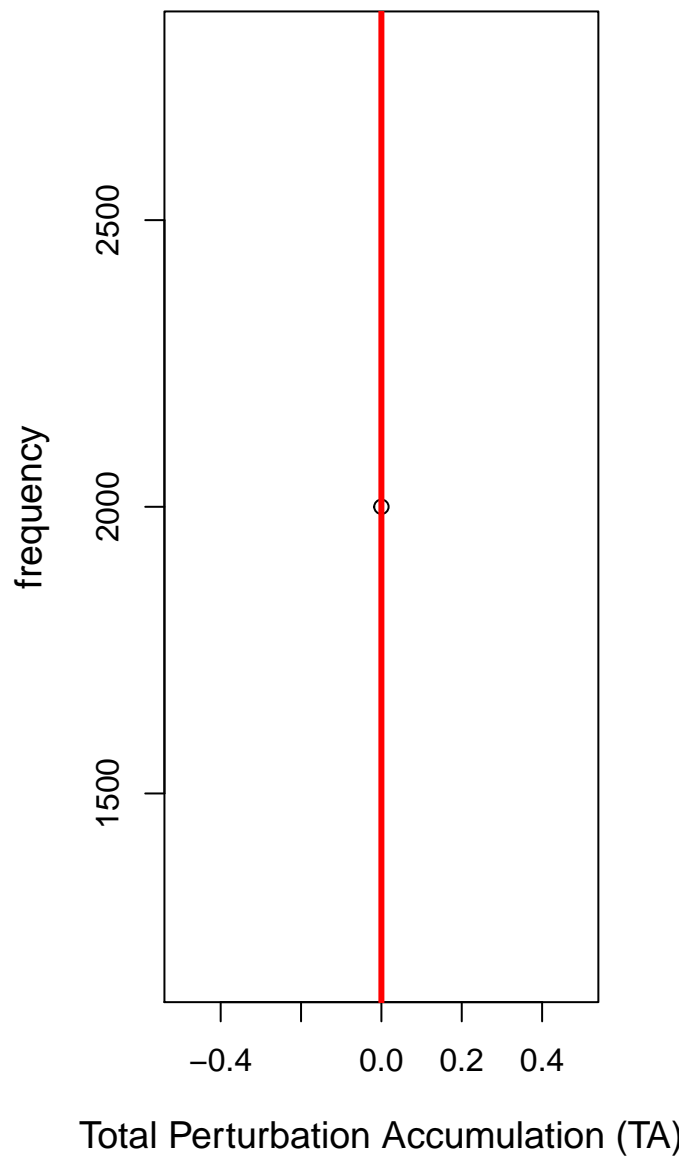
pathway ID=04070 P PERT=NA



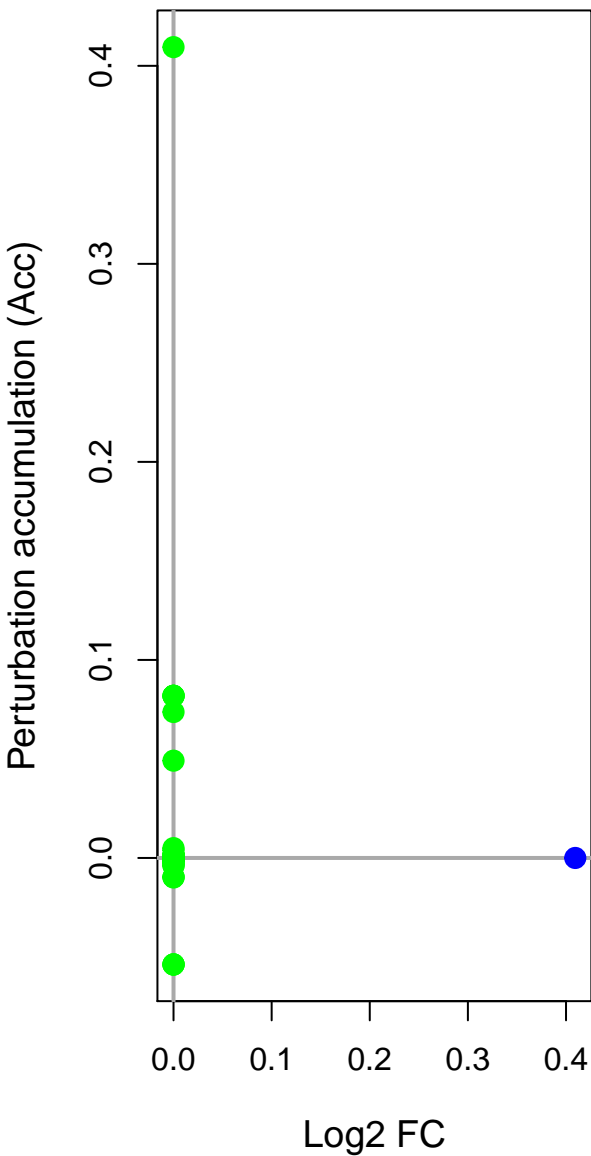
pathway ID=04080



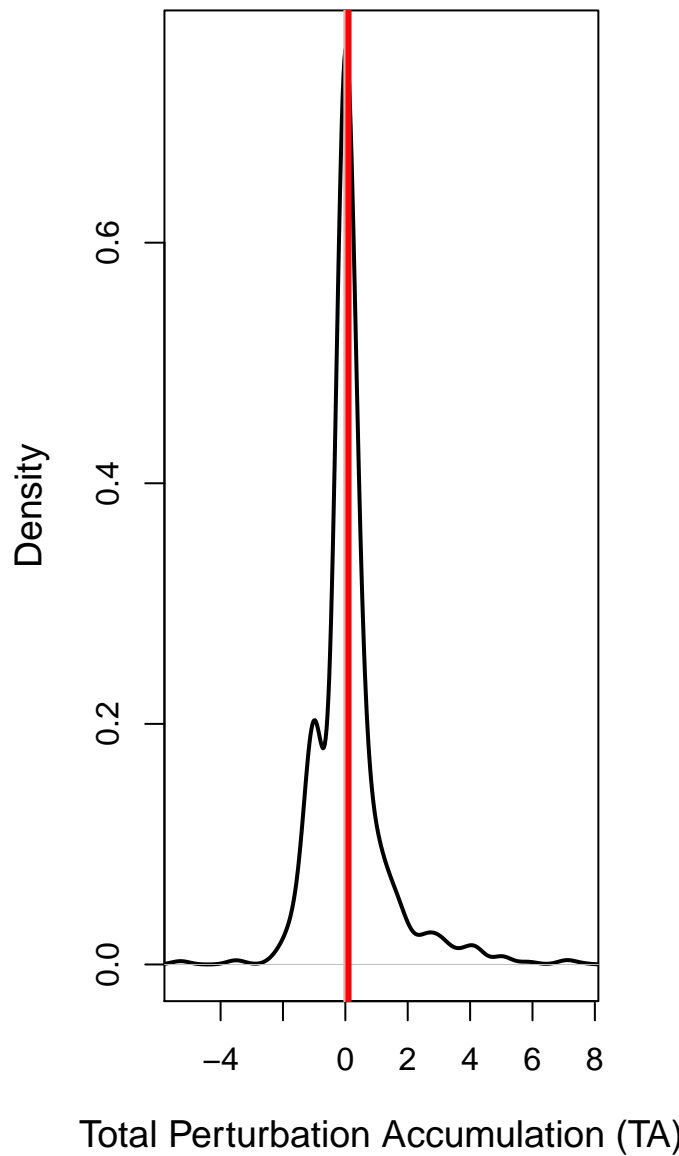
pathway ID=04080 P PERT=NA



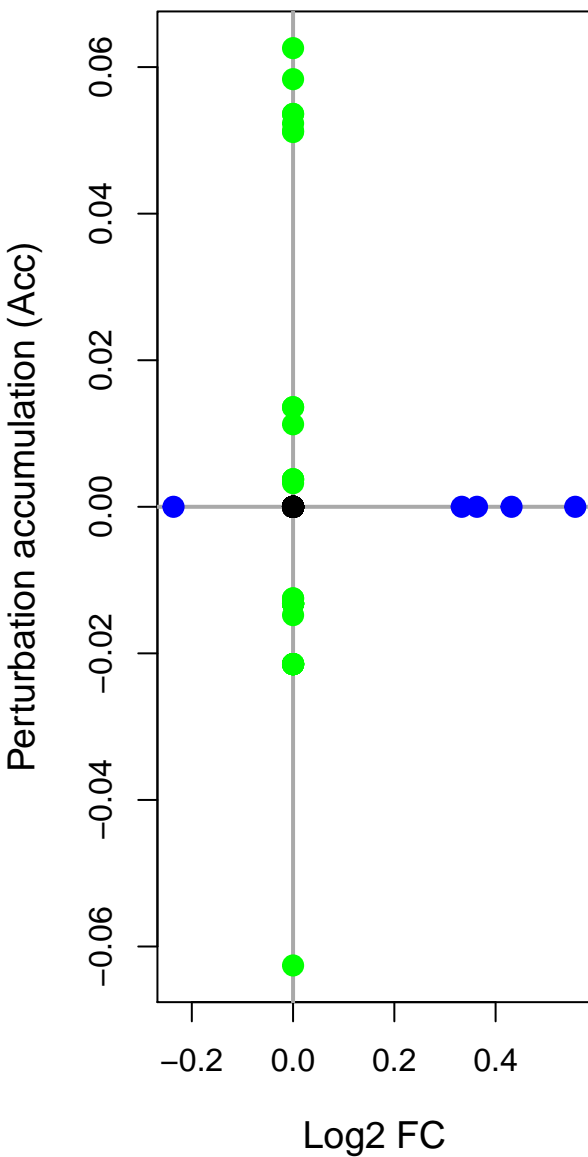
pathway ID=04110



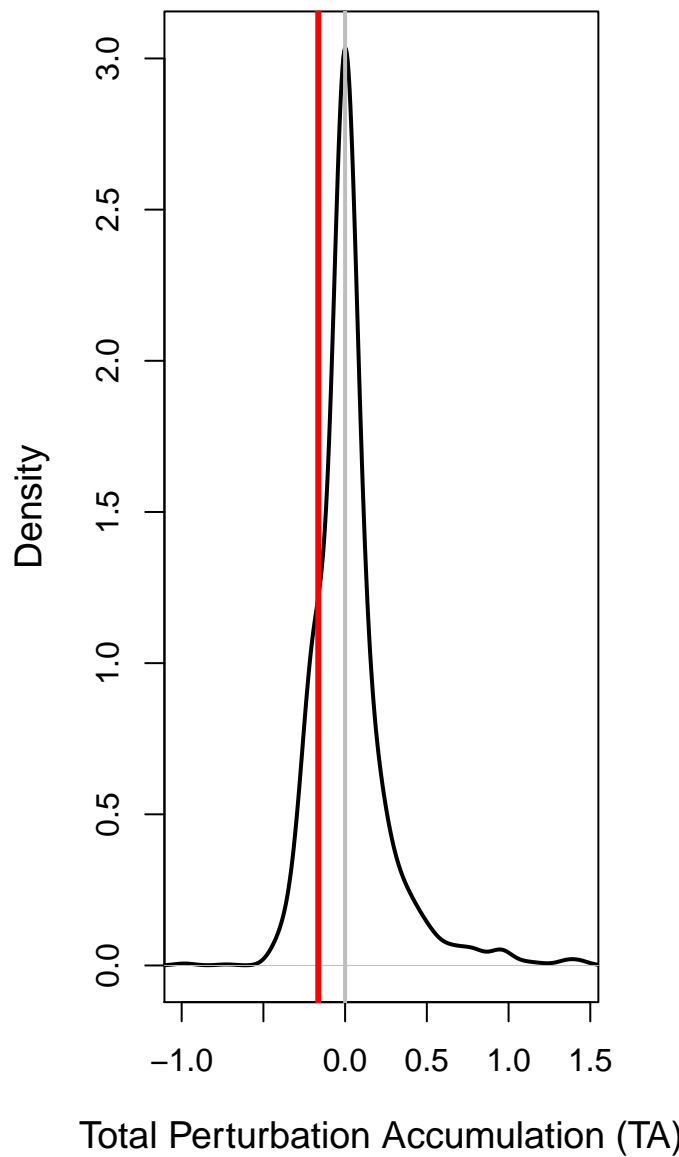
pathway ID=04110 P PERT=0.74



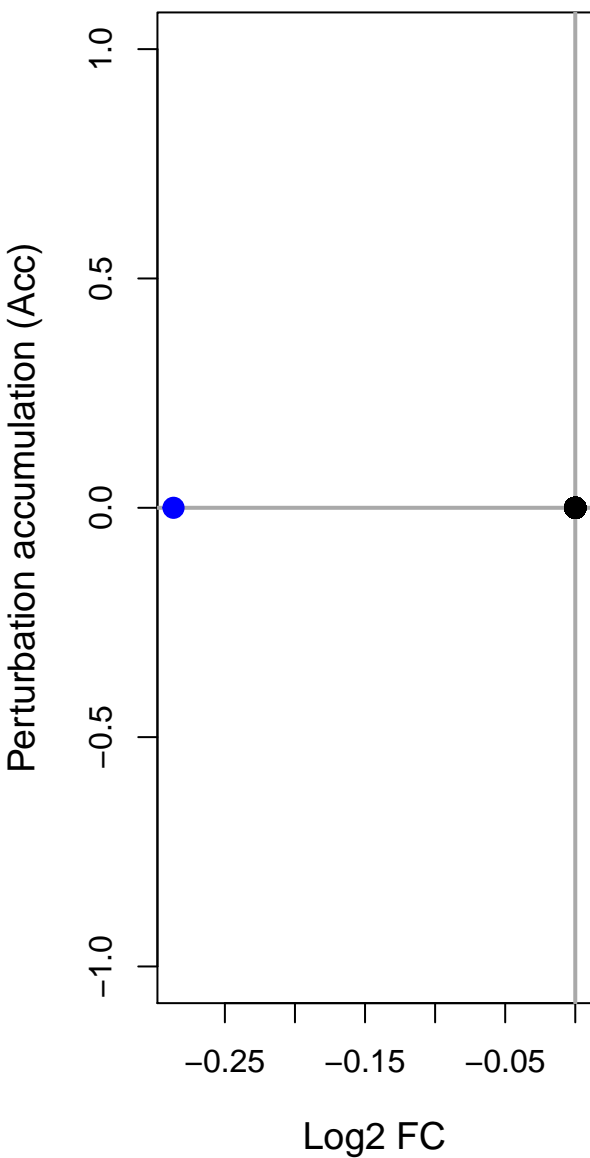
pathway ID=04114



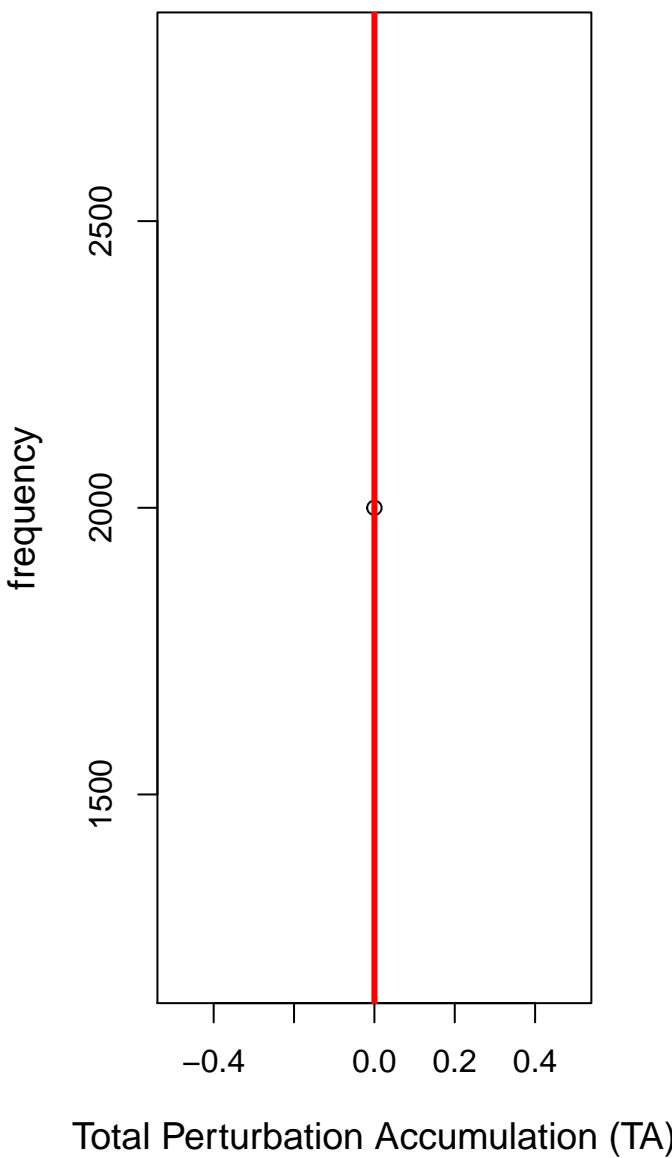
pathway ID=04114 P PERT=0.322



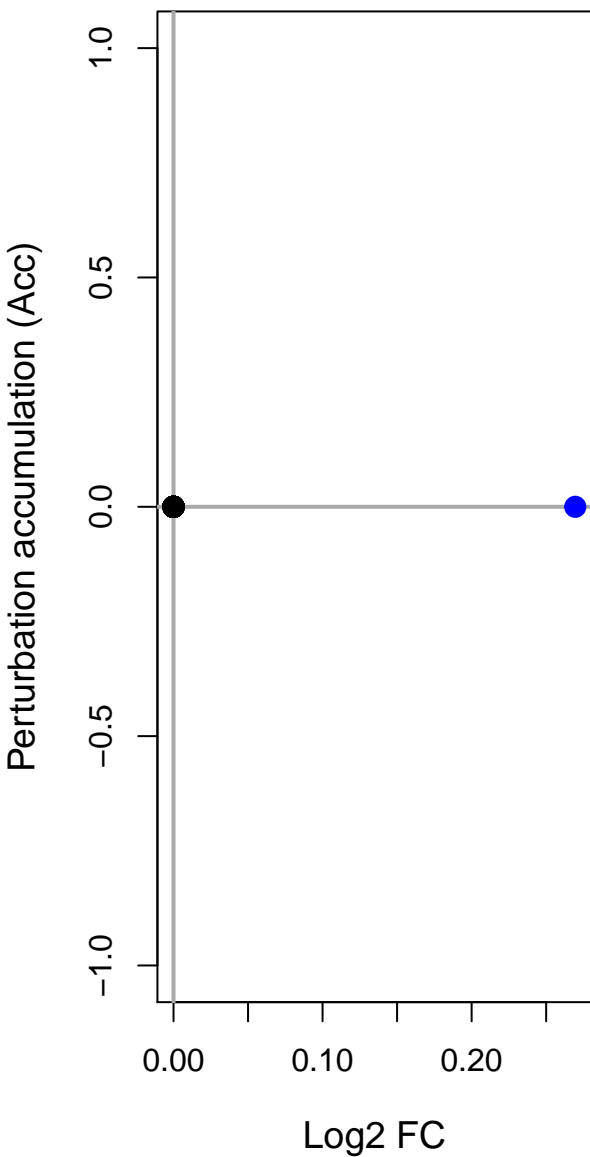
pathway ID=04115



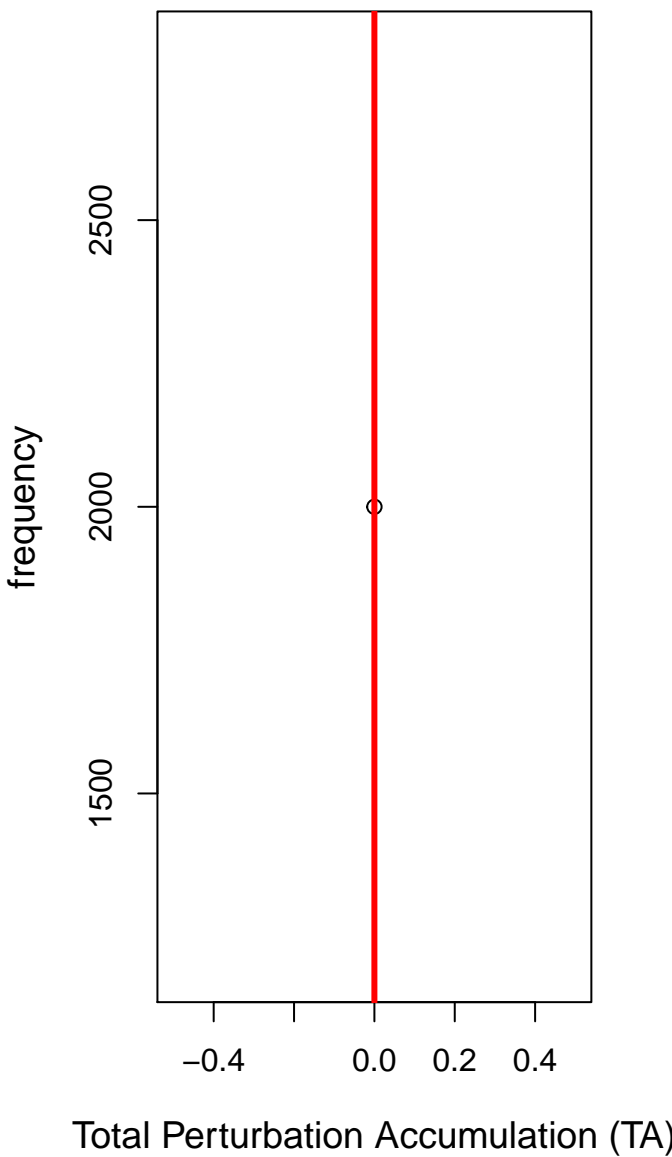
pathway ID=04115 P PERT=NA



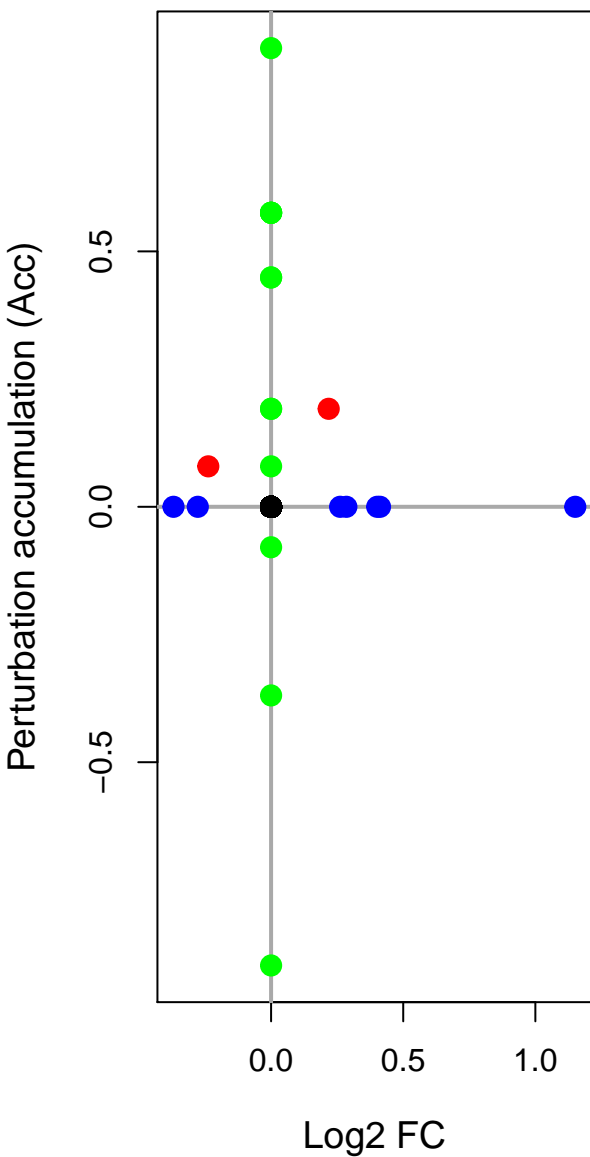
pathway ID=04130



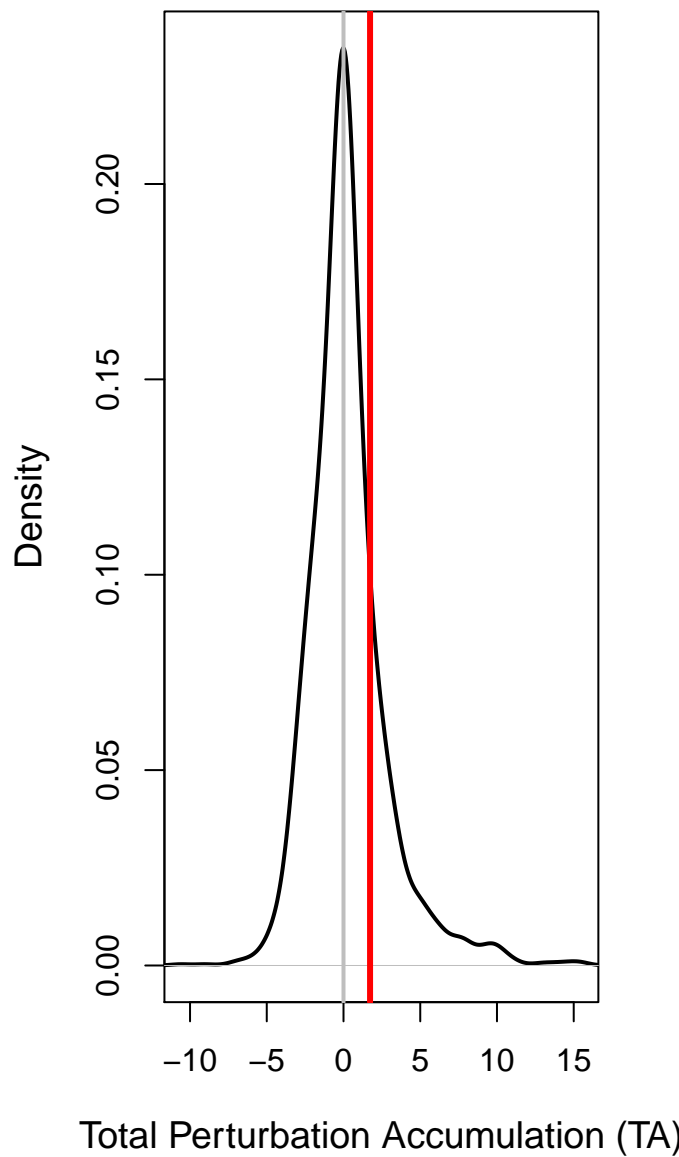
pathway ID=04130 P PERT=NA



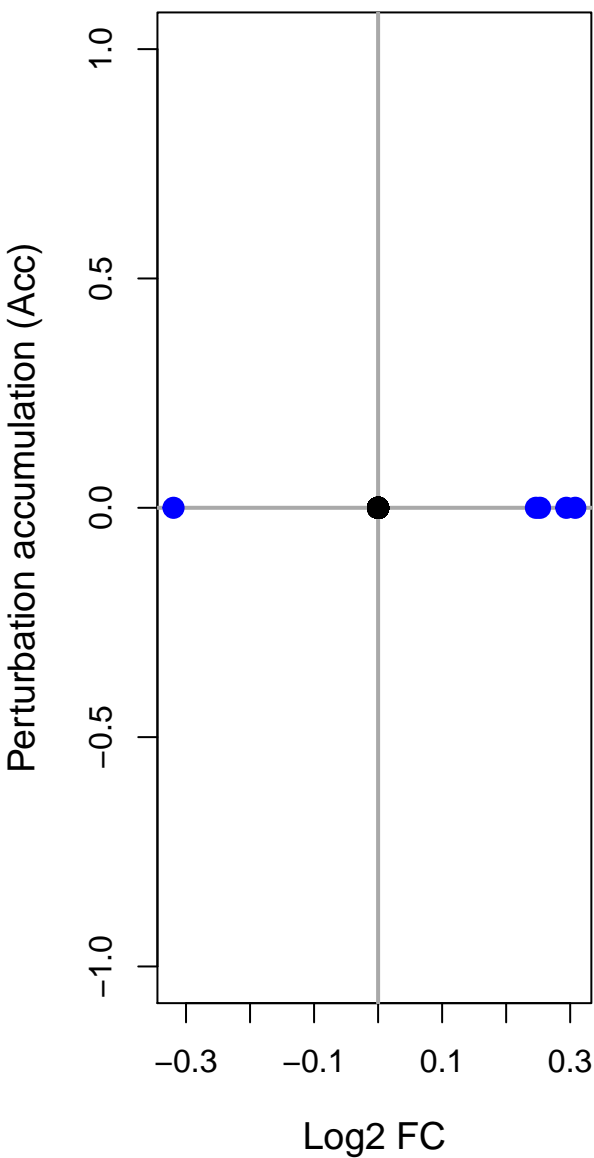
pathway ID=04141



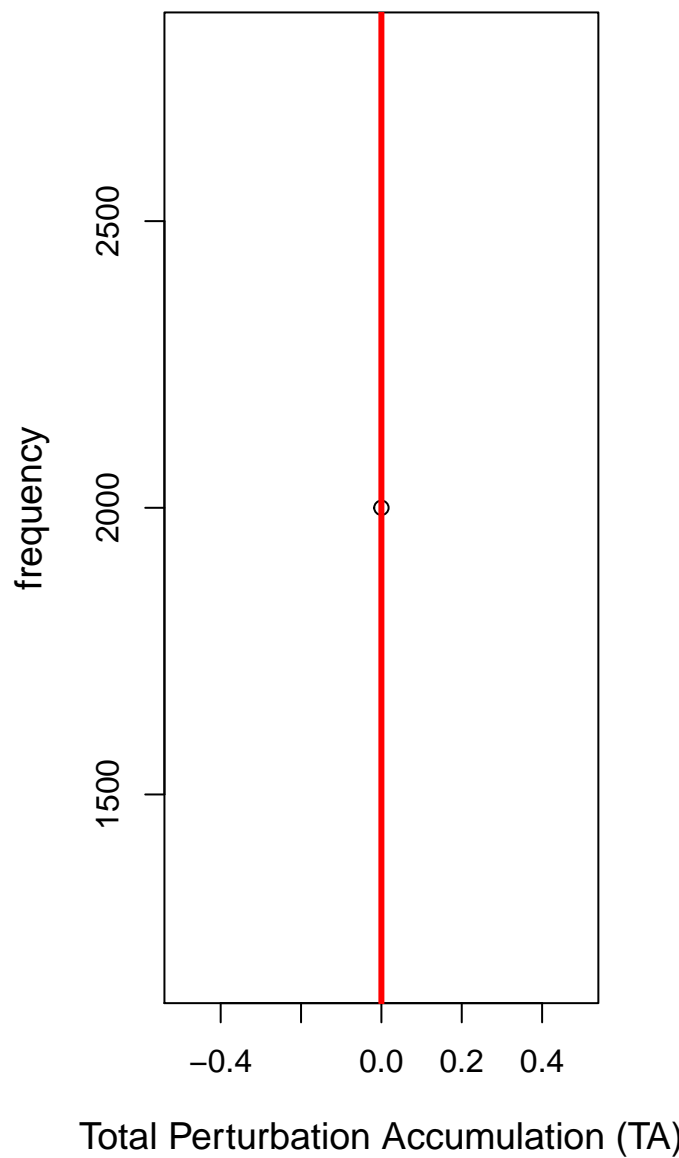
pathway ID=04141 P PERT=0.384



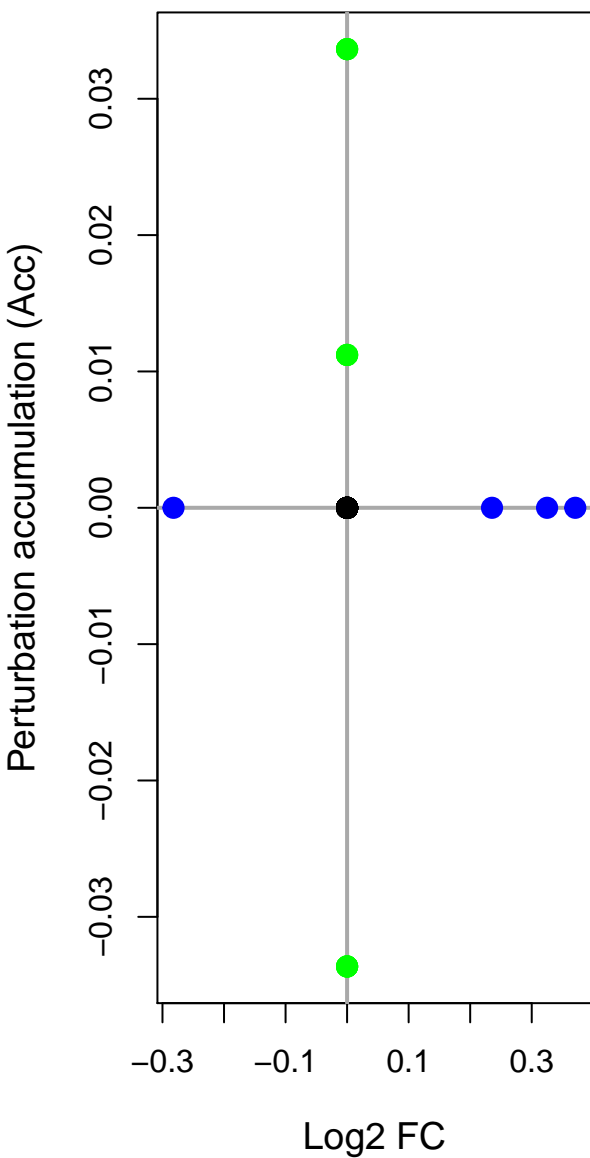
pathway ID=04142



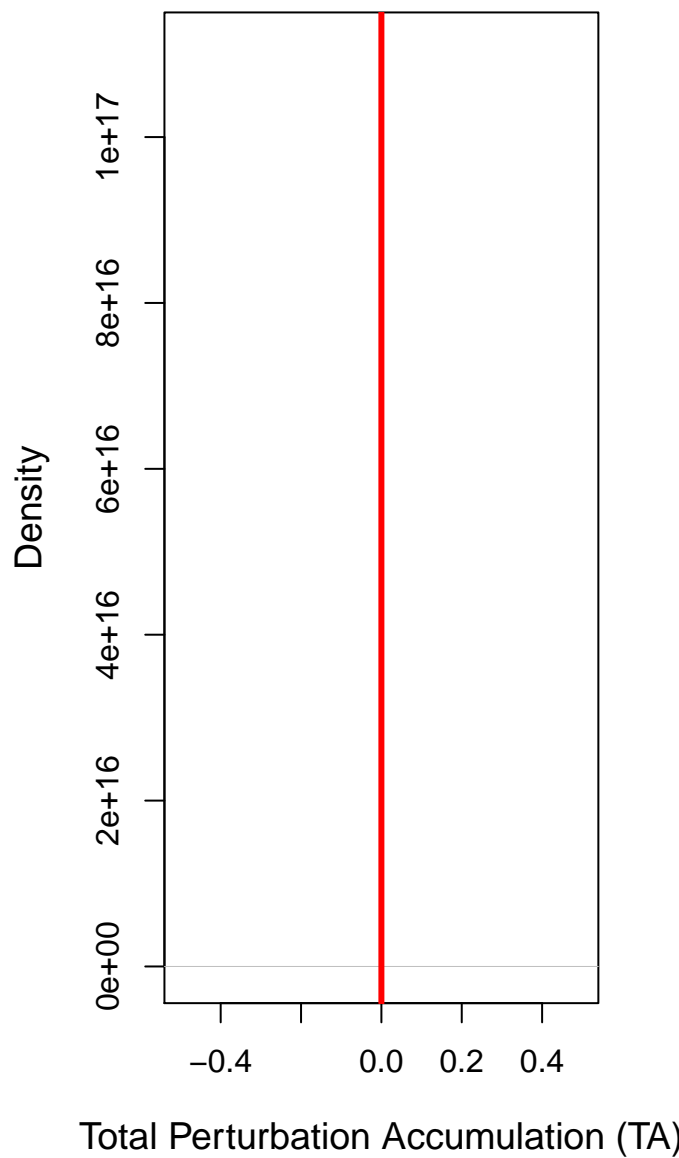
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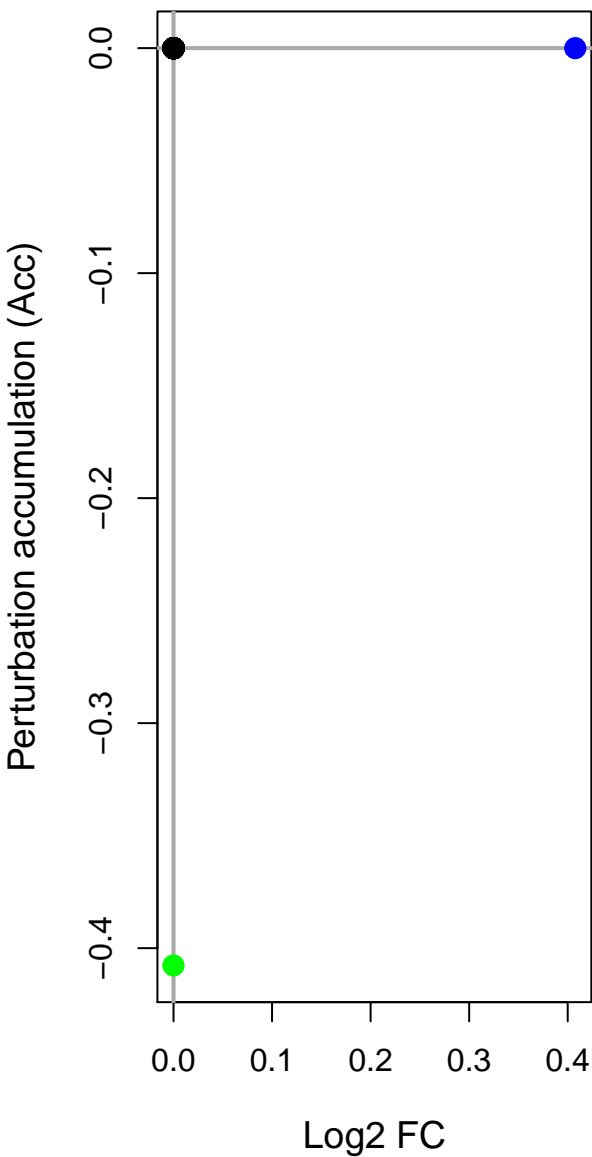
pathway ID=04150



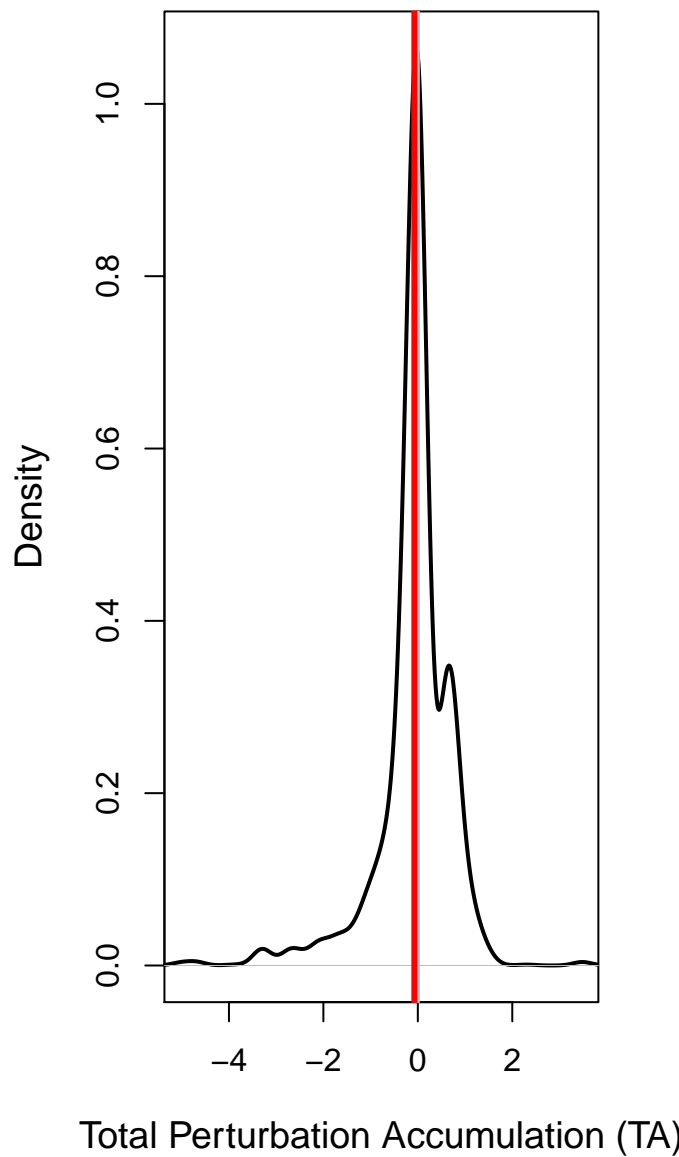
pathway ID=04150 P PERT=1



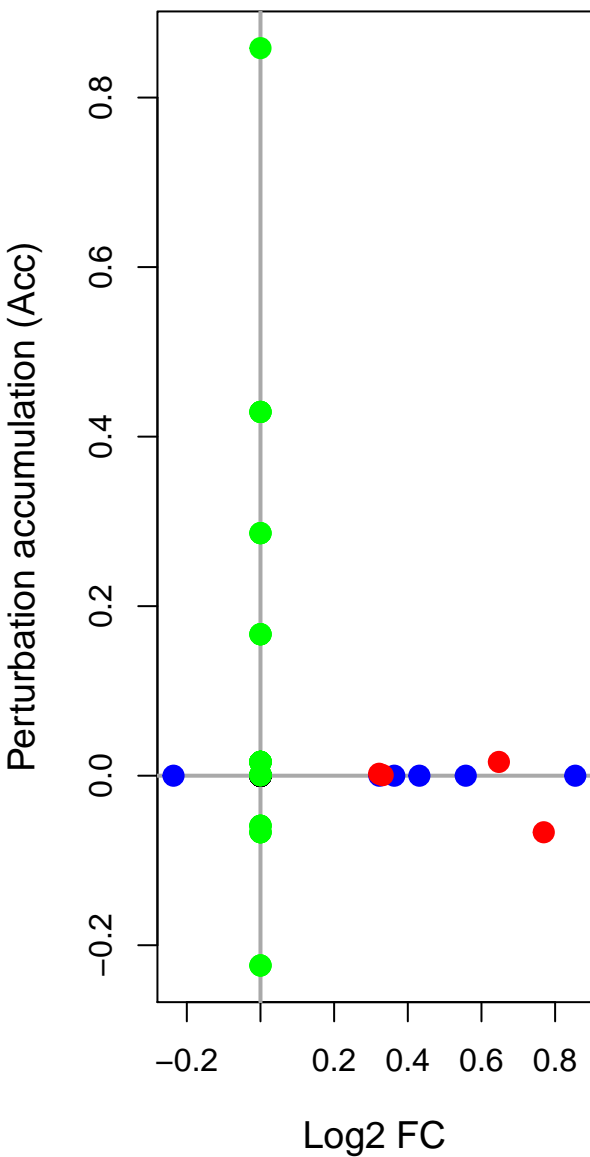
pathway ID=04210



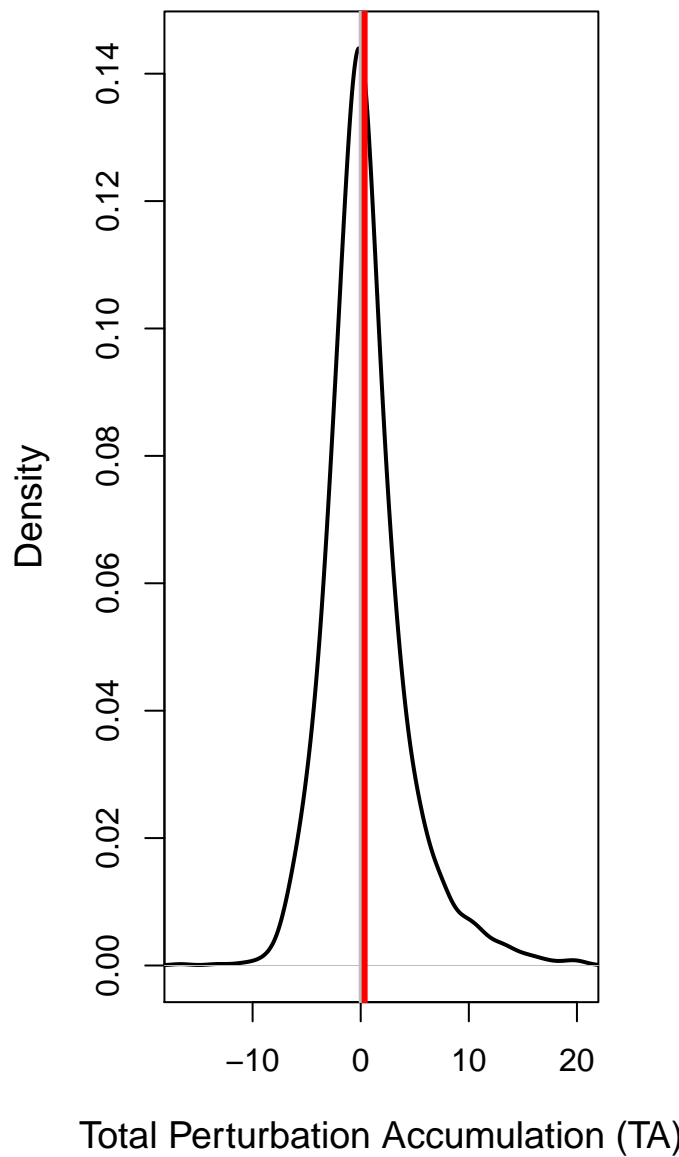
pathway ID=04210 P PERT=0.744



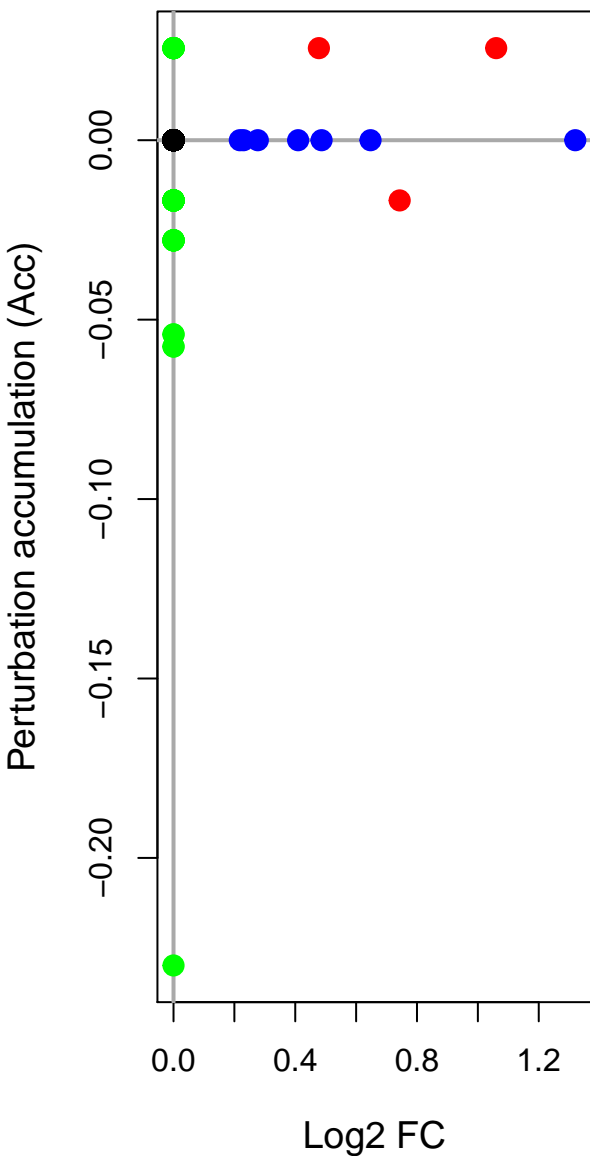
pathway ID=04270



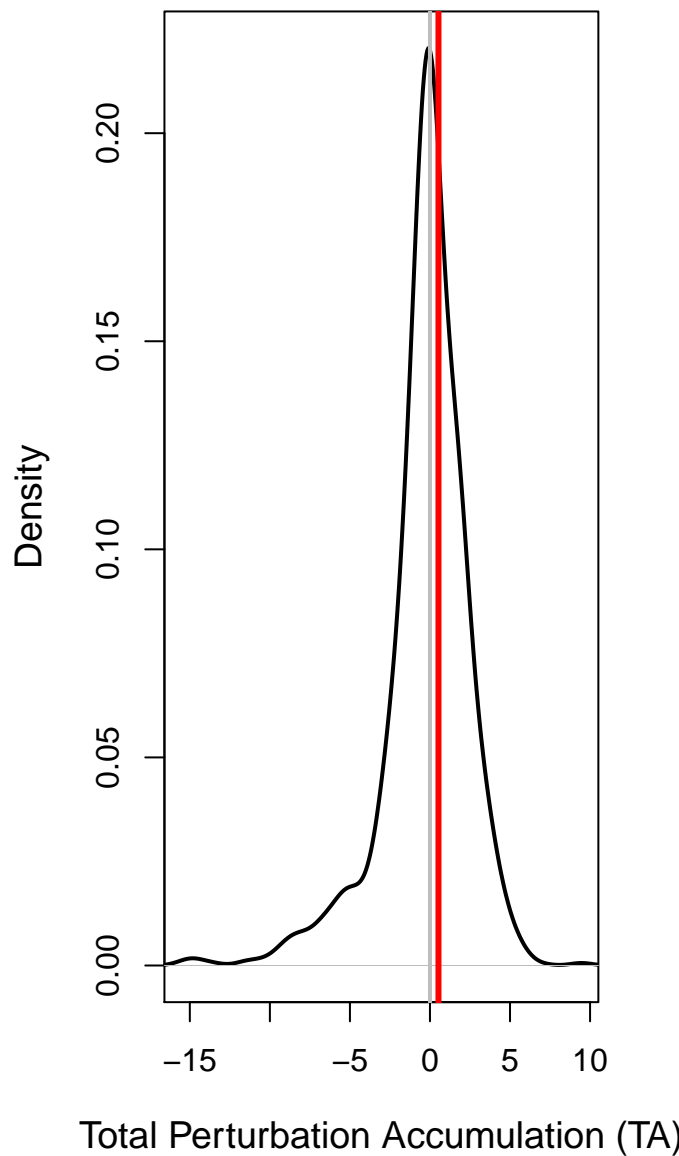
pathway ID=04270 P PERT=0.894



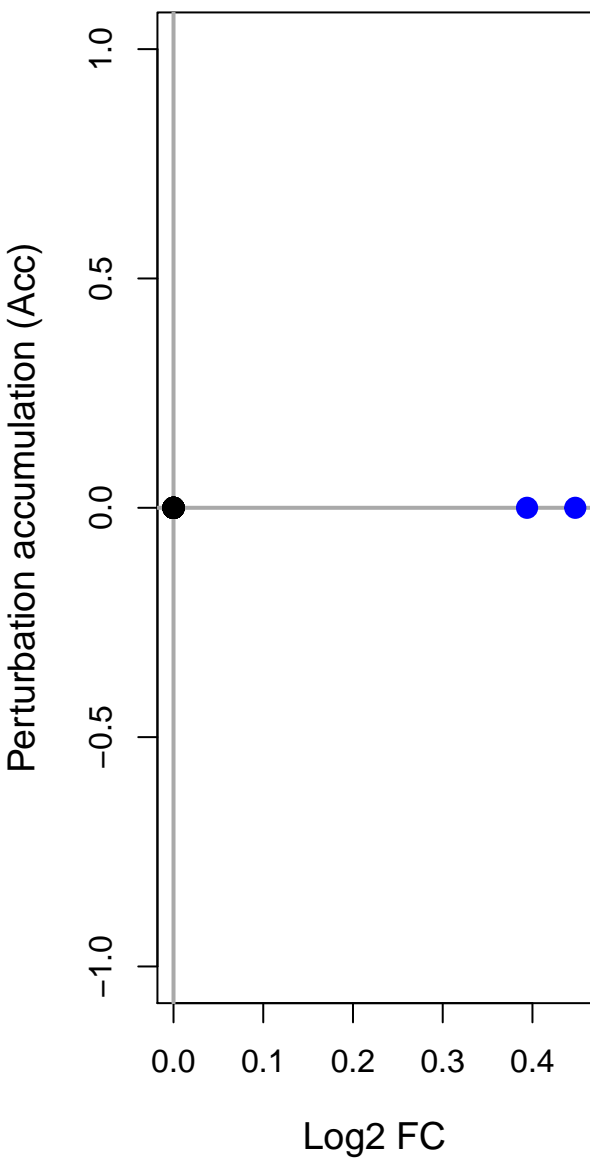
pathway ID=04310



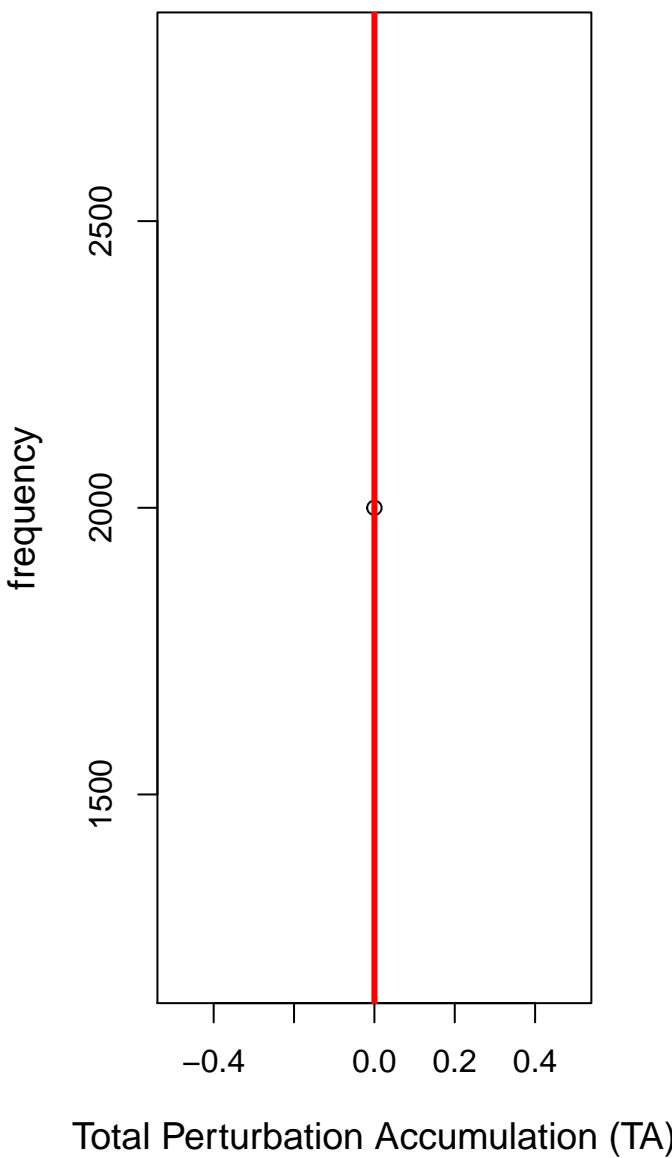
pathway ID=04310 P PERT=0.705



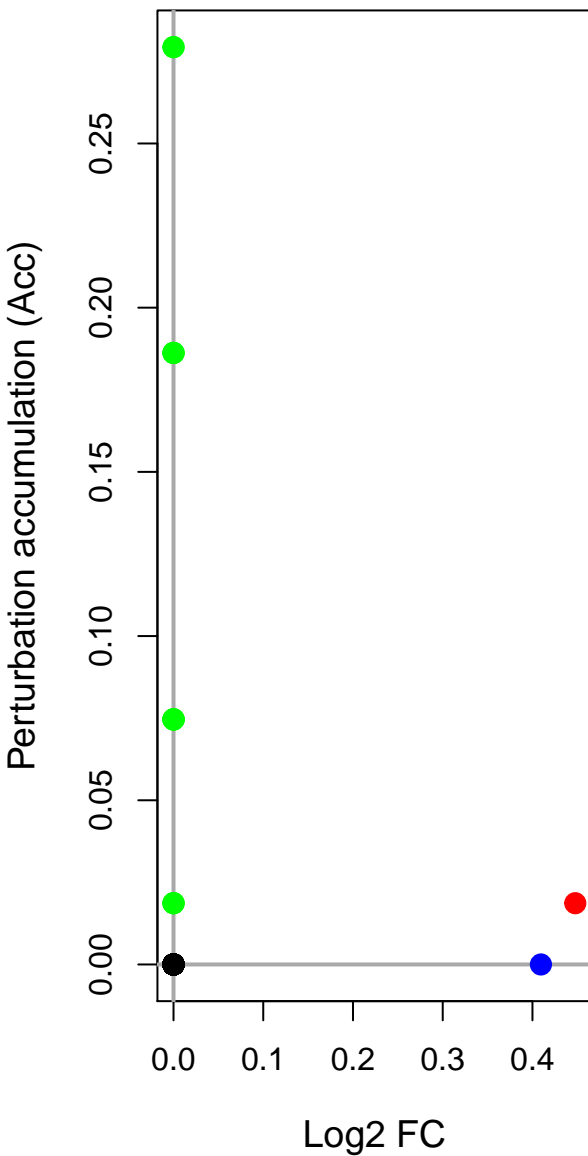
pathway ID=04320



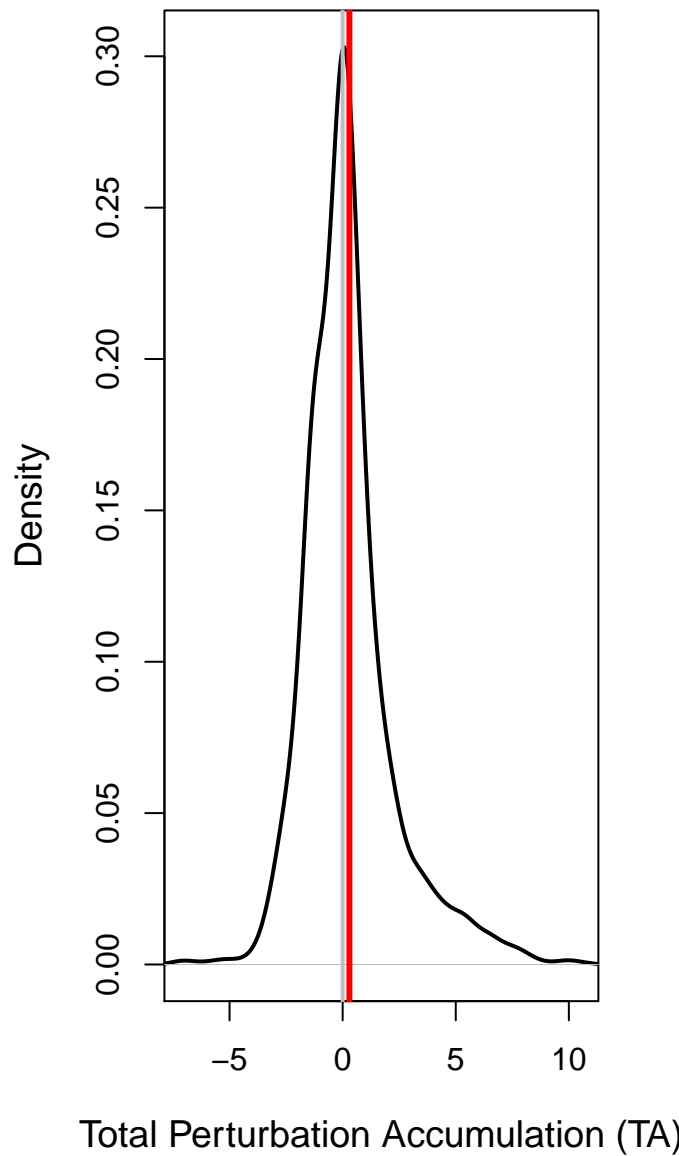
pathway ID=04320 P PERT=NA



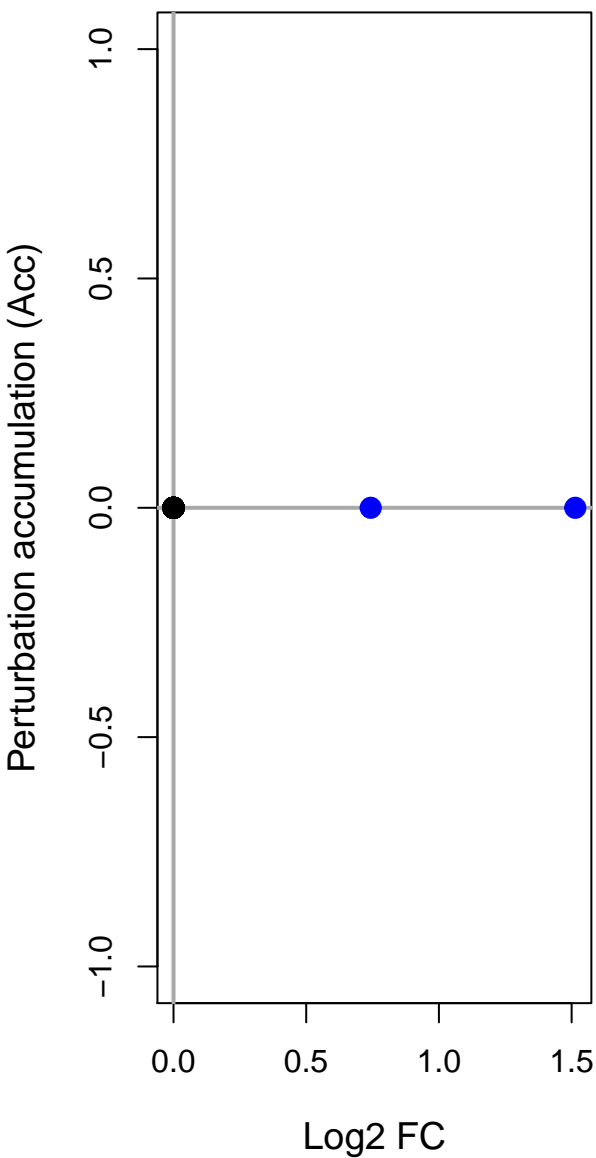
pathway ID=04330



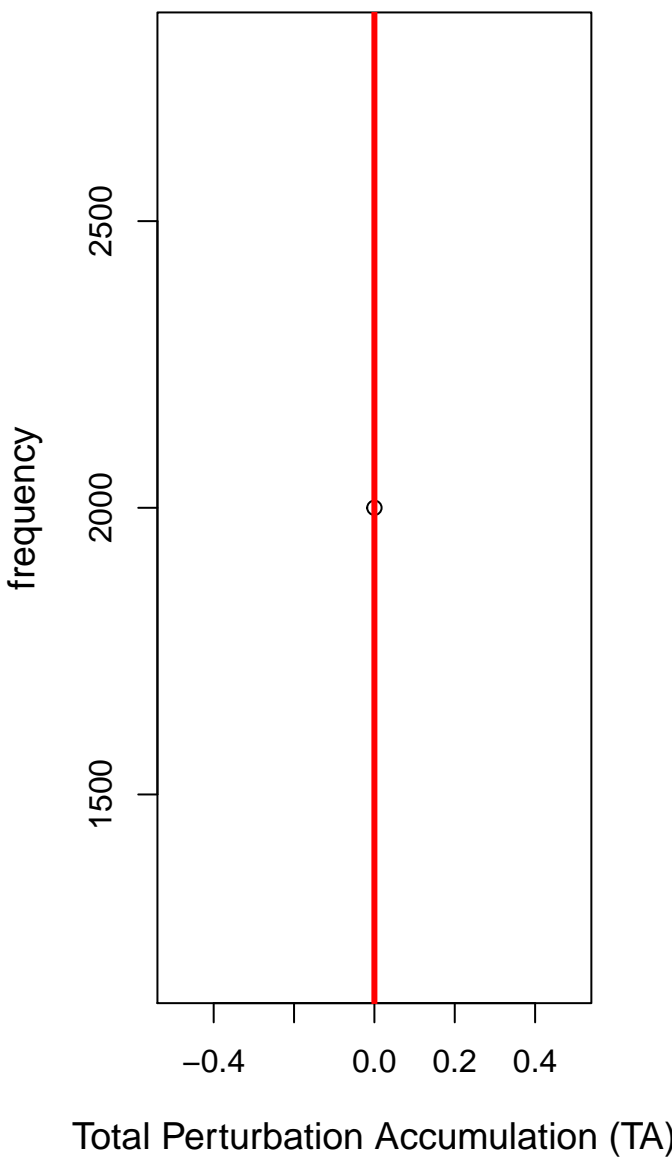
pathway ID=04330 P PERT=0.759



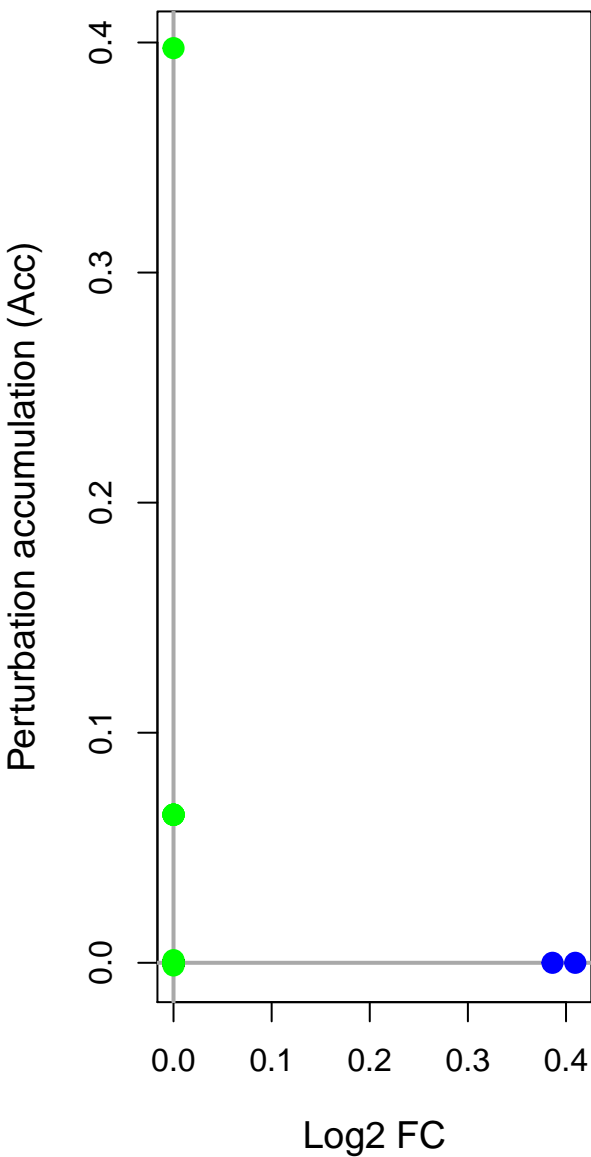
pathway ID=04340



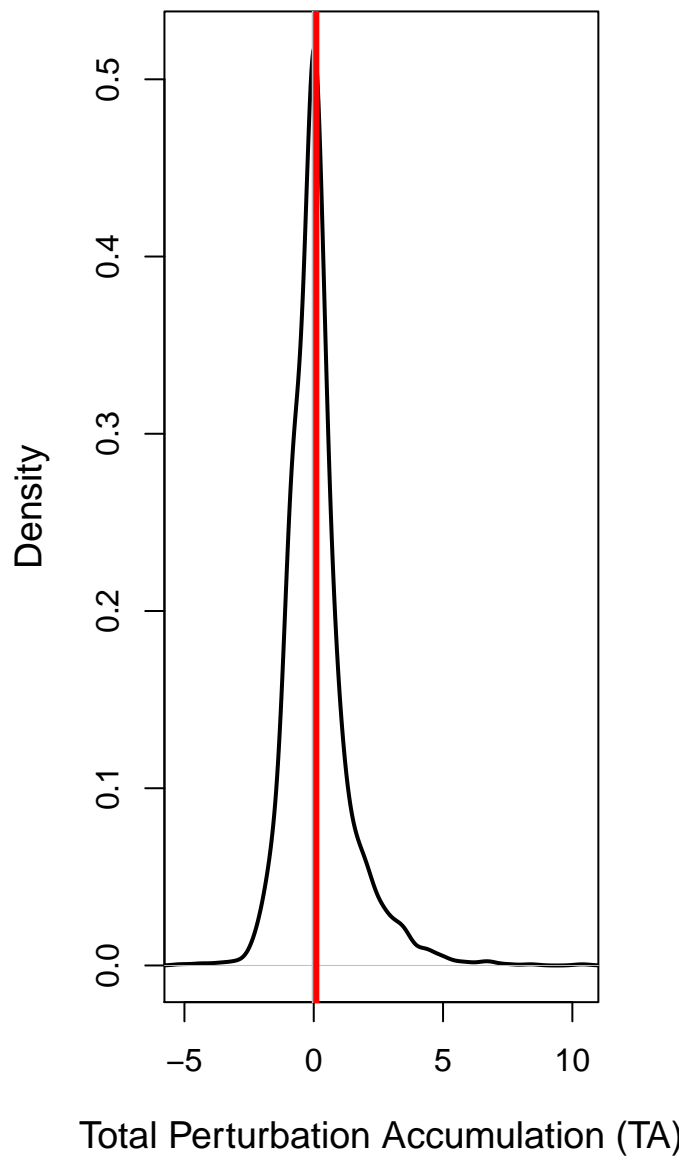
pathway ID=04340 P PERT=NA



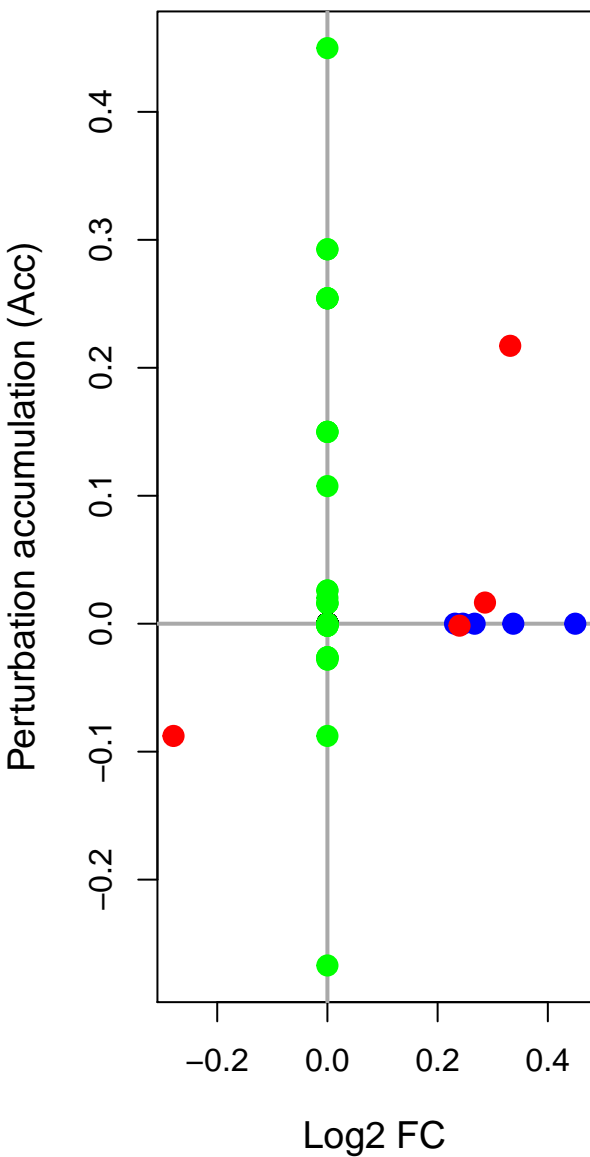
pathway ID=04350



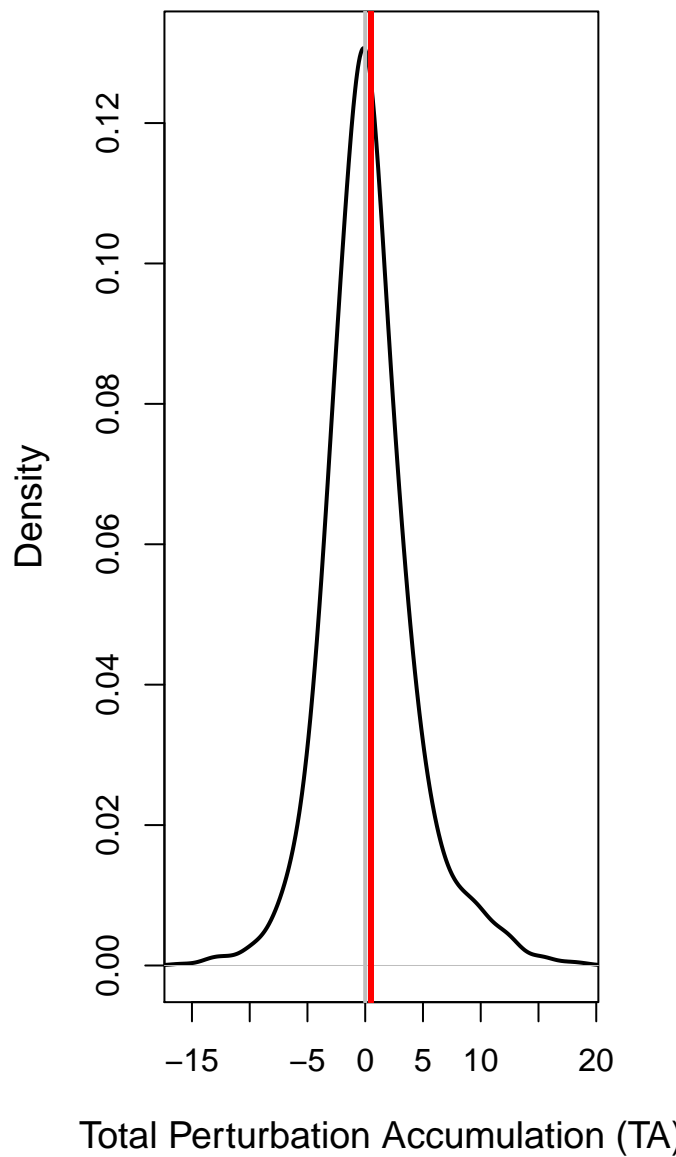
pathway ID=04350 P PERT=0.848



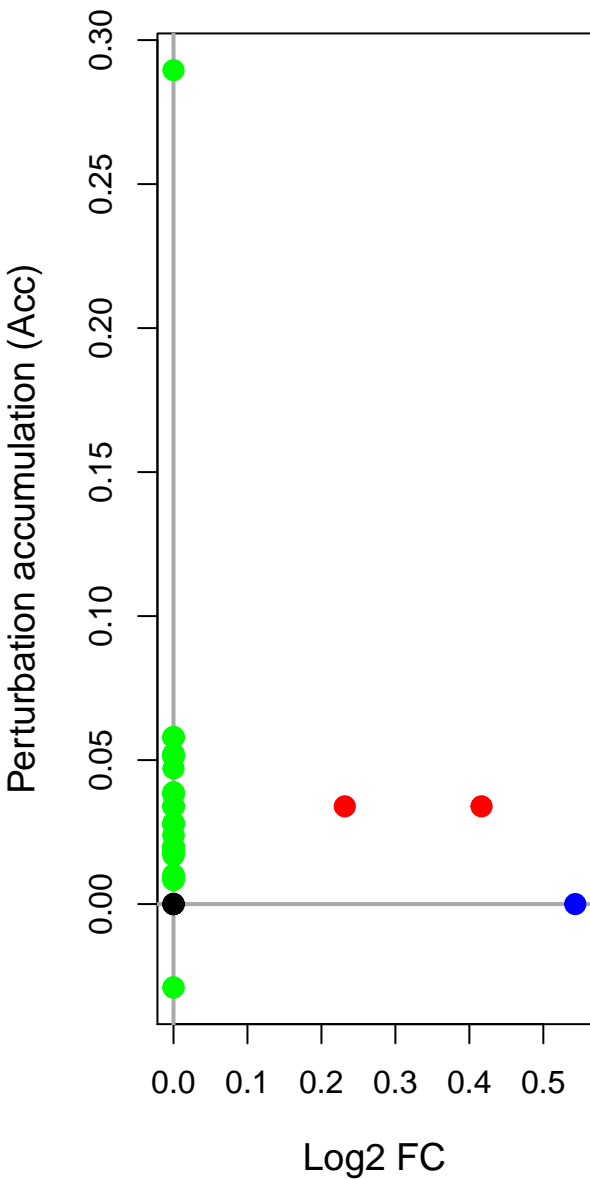
pathway ID=04360



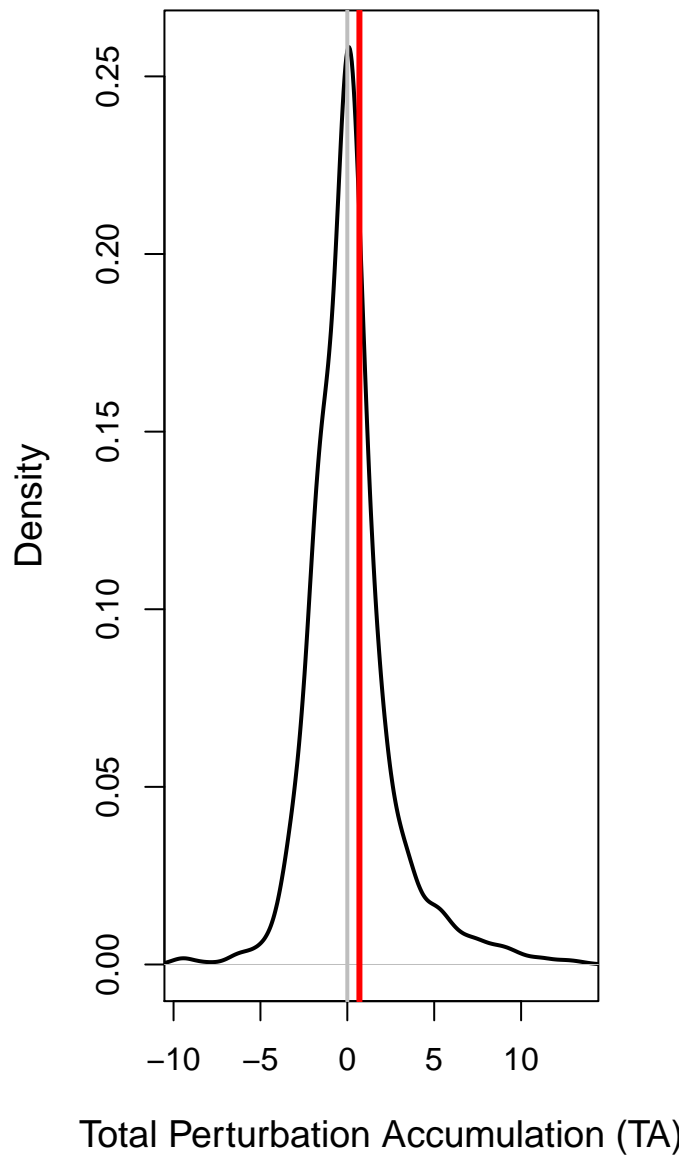
pathway ID=04360 P PERT=0.862



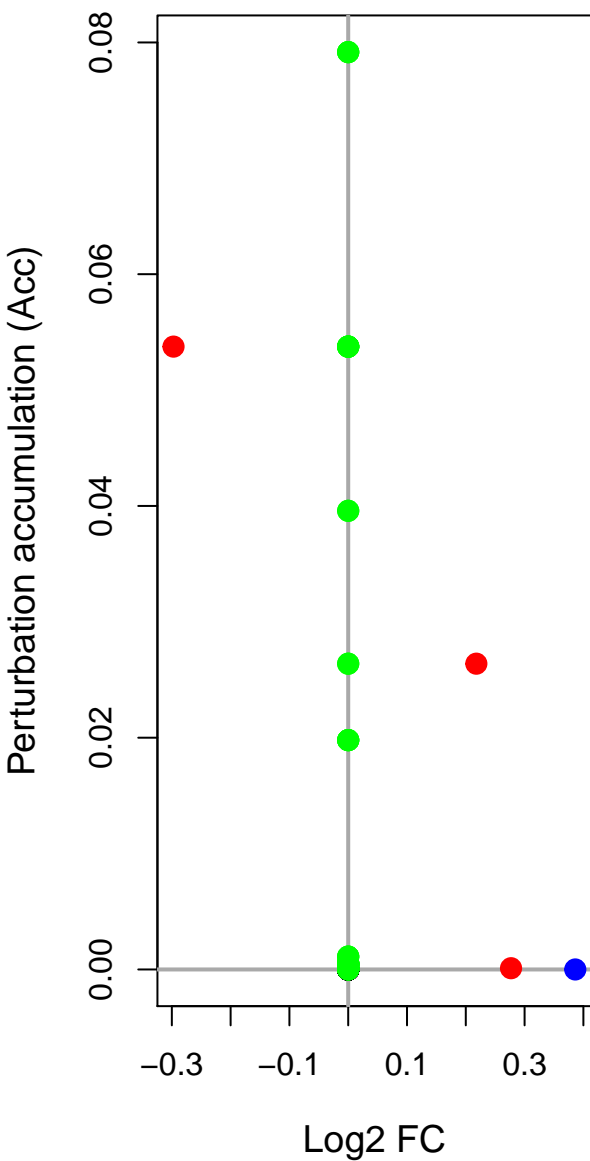
pathway ID=04370



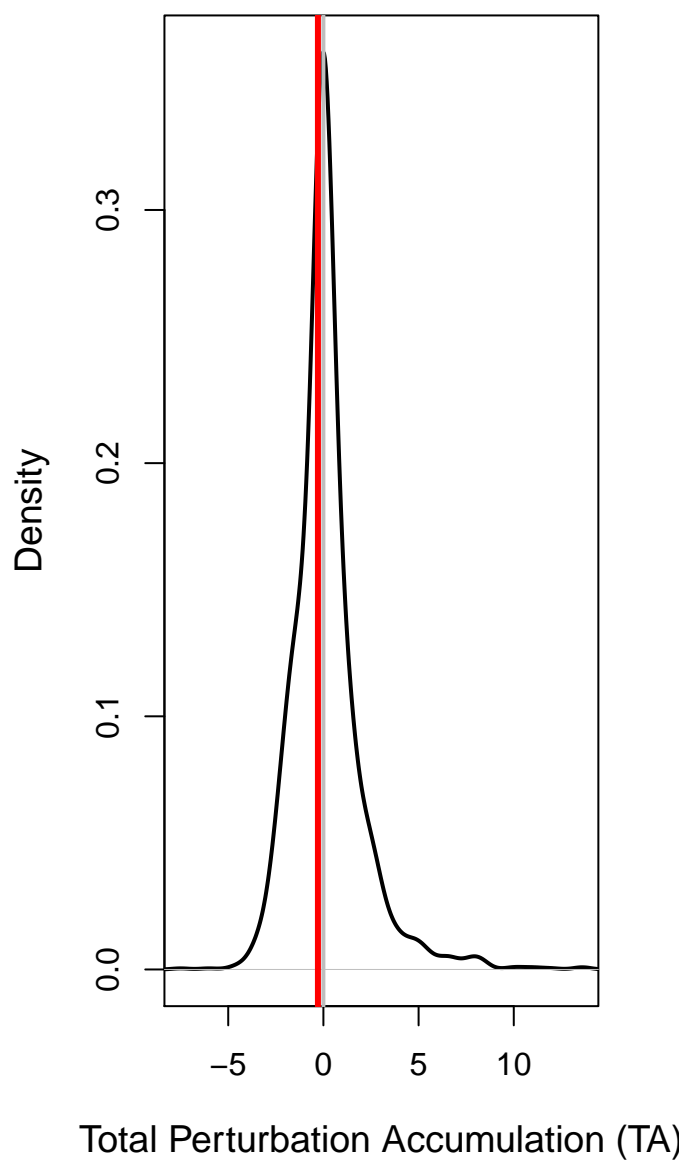
pathway ID=04370 P PERT=0.598



pathway ID=04380



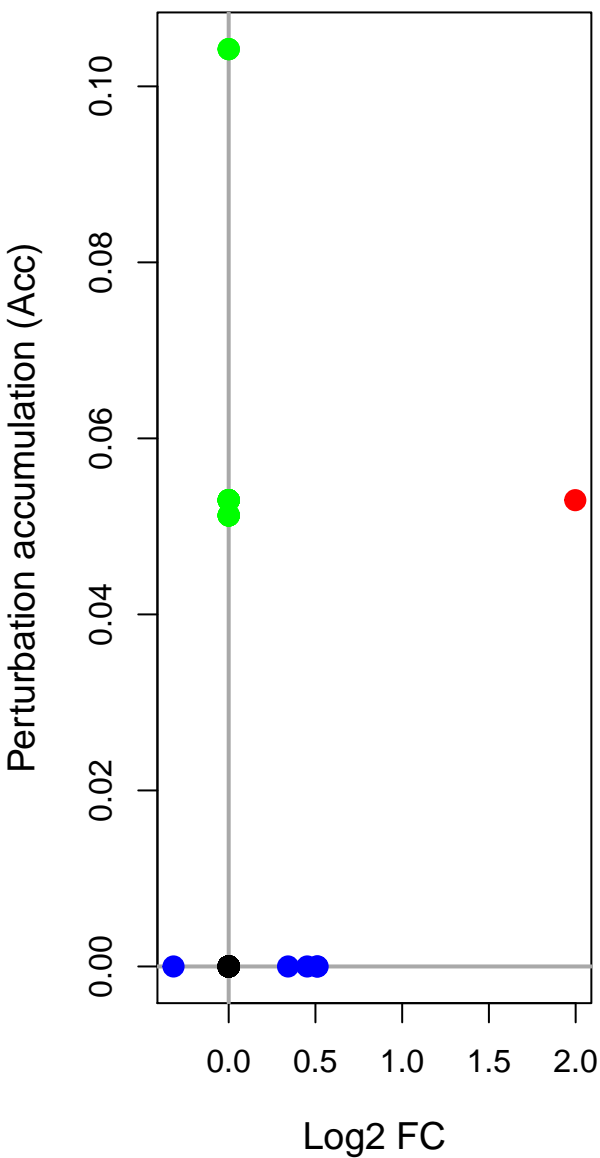
pathway ID=04380 P PERT=0.655



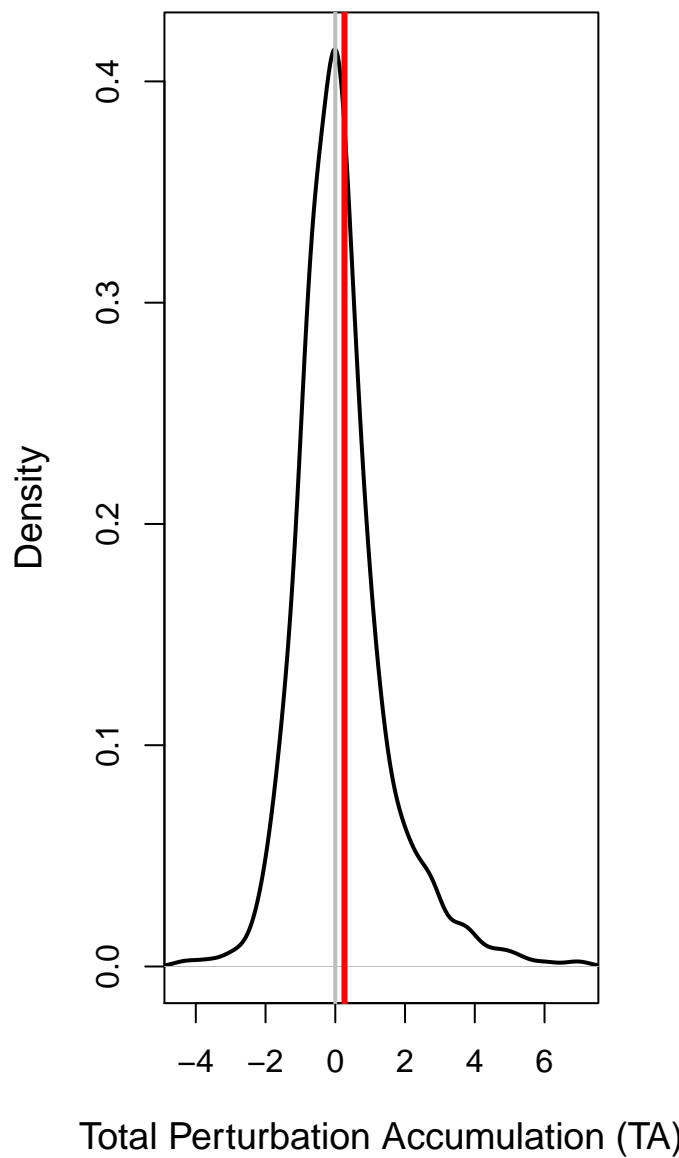
Total Perturbation Accumulation (TA)

A density plot showing the posterior distribution of the mean parameter. The x-axis represents the mean parameter, ranging from approximately -15 to 25, with major ticks at -10, 0, 10, and 20. The y-axis represents the density, ranging from 0.00 to 0.08, with major ticks at 0.00, 0.02, 0.04, 0.06, and 0.08. The distribution is unimodal and slightly right-skewed, peaking at a density of approximately 0.09 near x = -2. A vertical red line is drawn at x = 2, and a vertical grey line is drawn at x = 0.

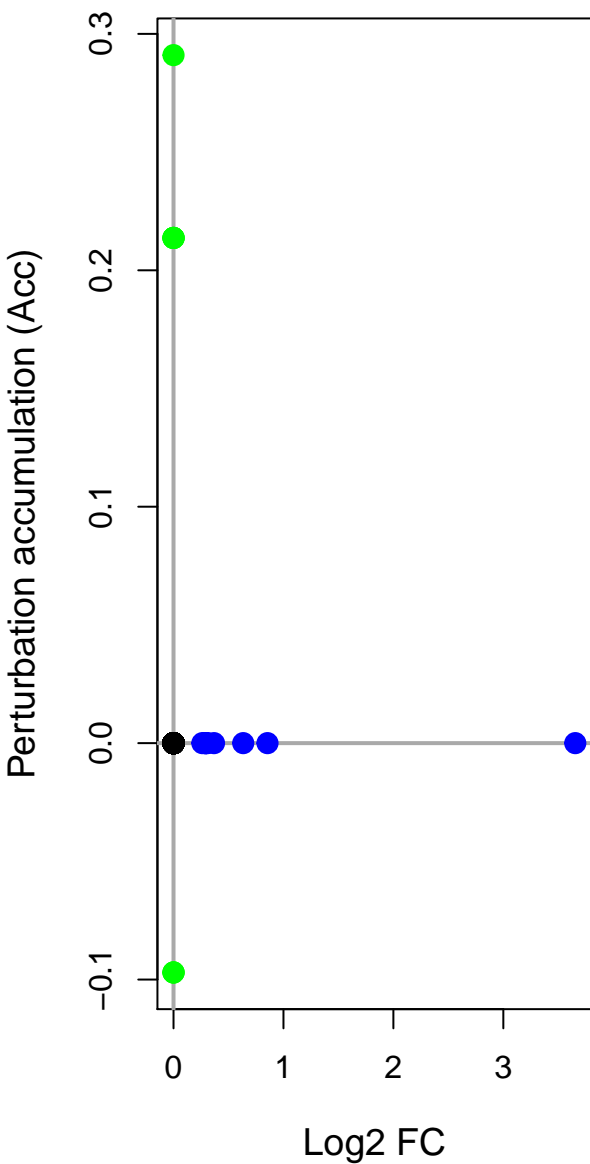
pathway ID=04512



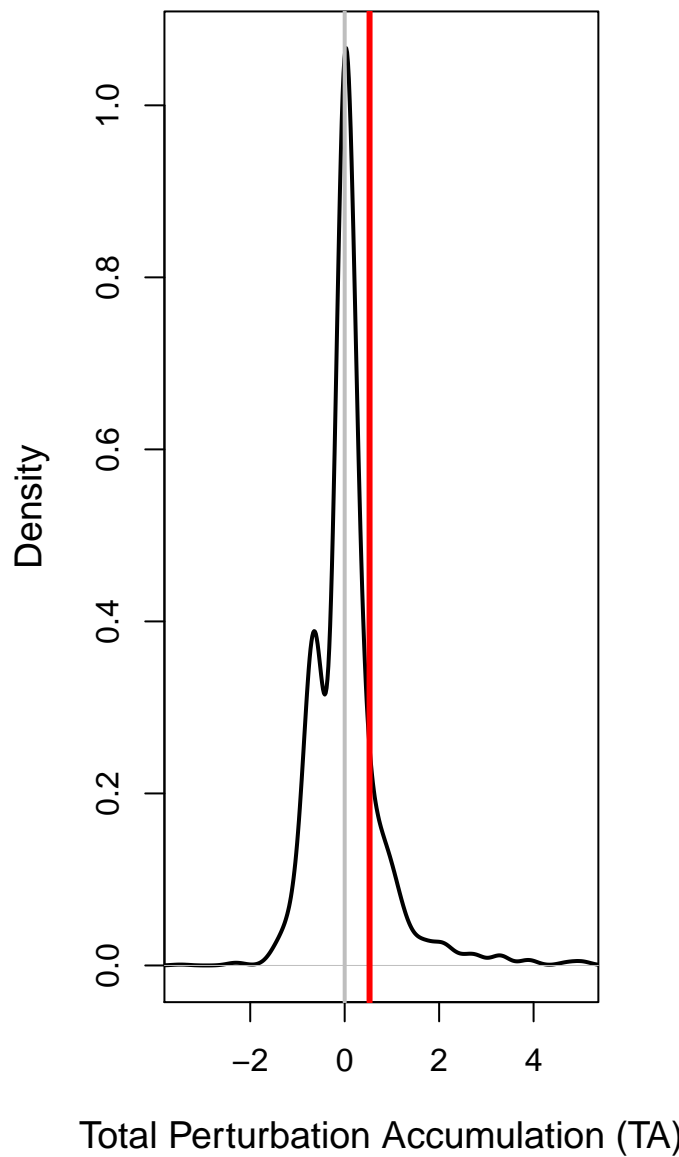
pathway ID=04512 P PERT=0.743



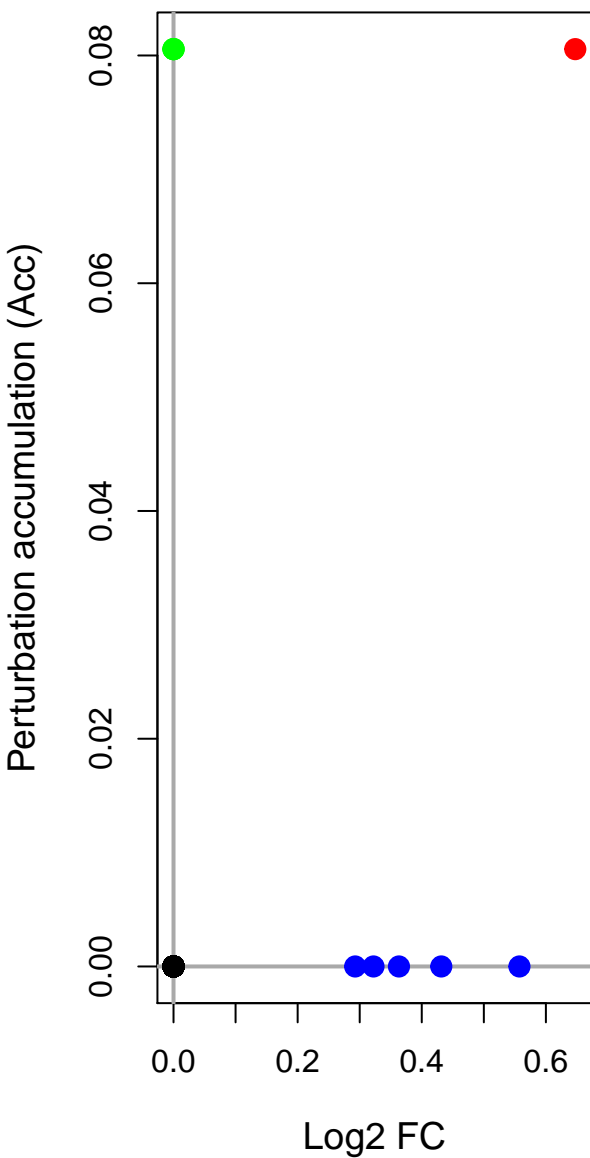
pathway ID=04530



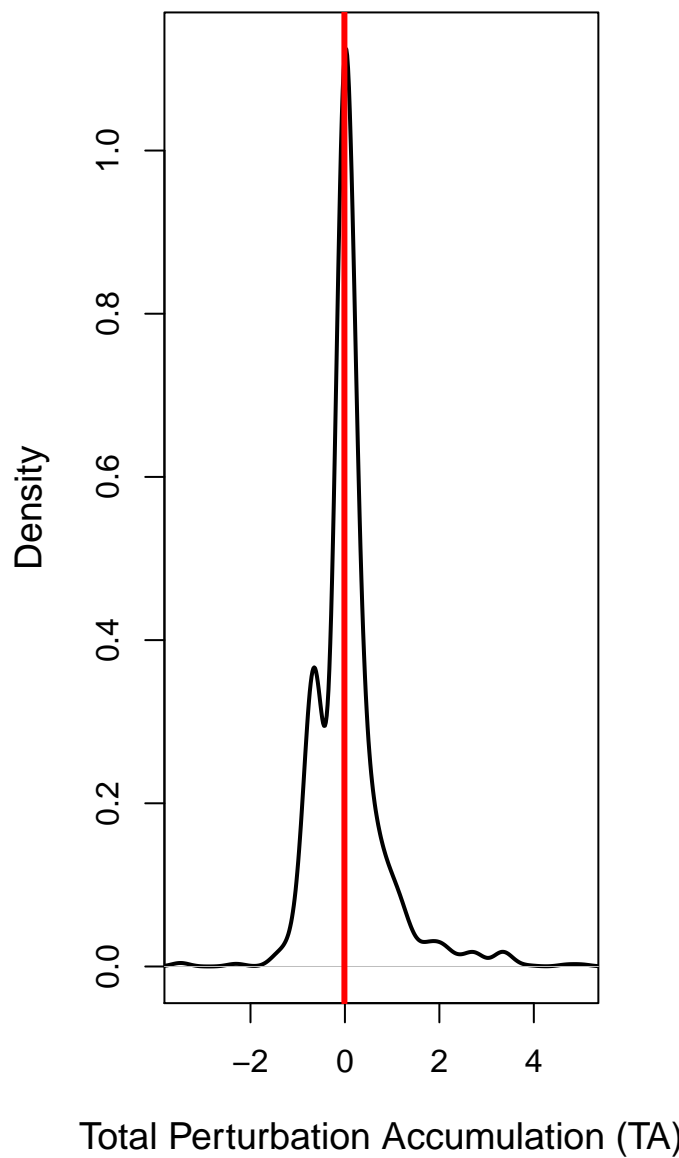
pathway ID=04530 P PERT=0.305



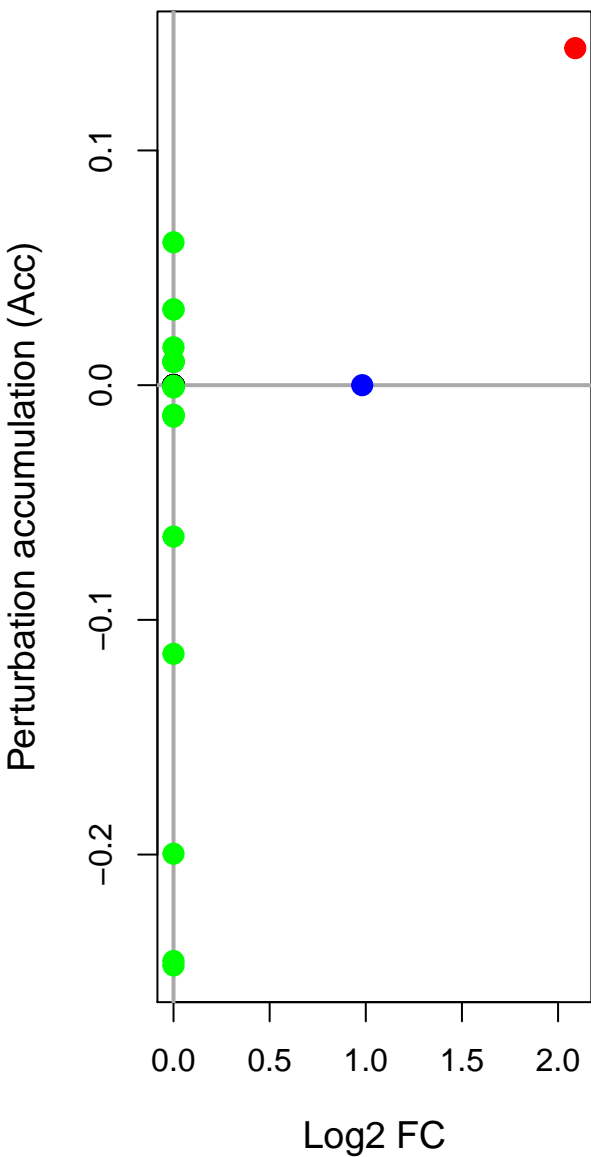
pathway ID=04540



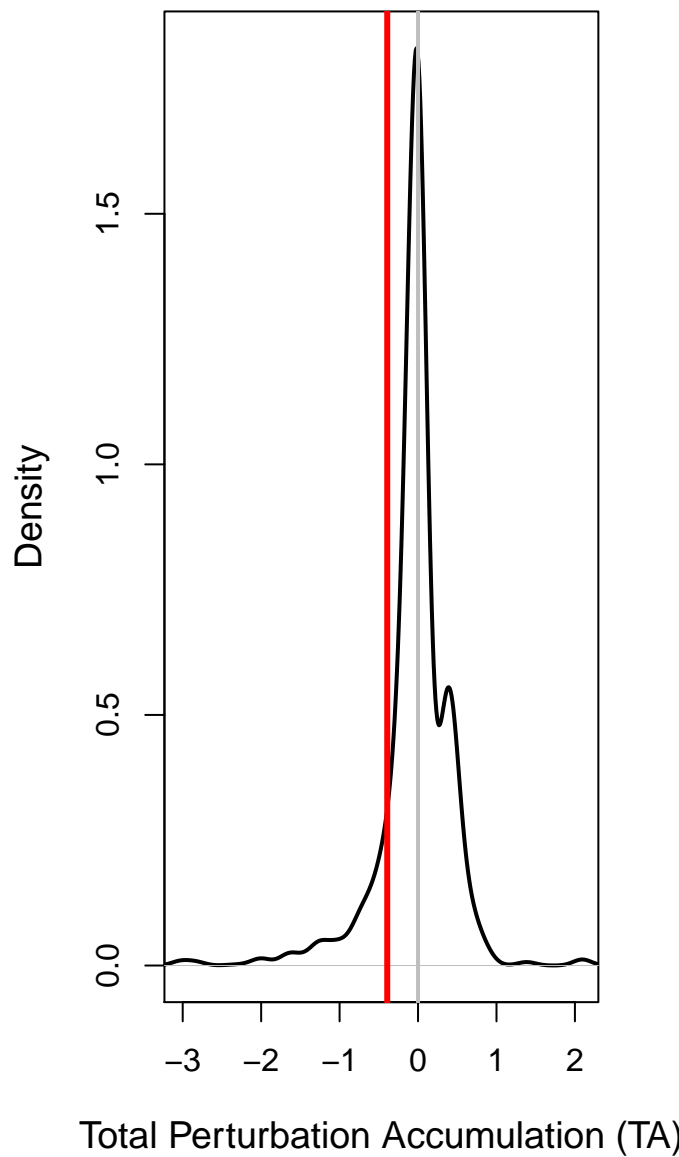
pathway ID=04540 P PERT=0.957



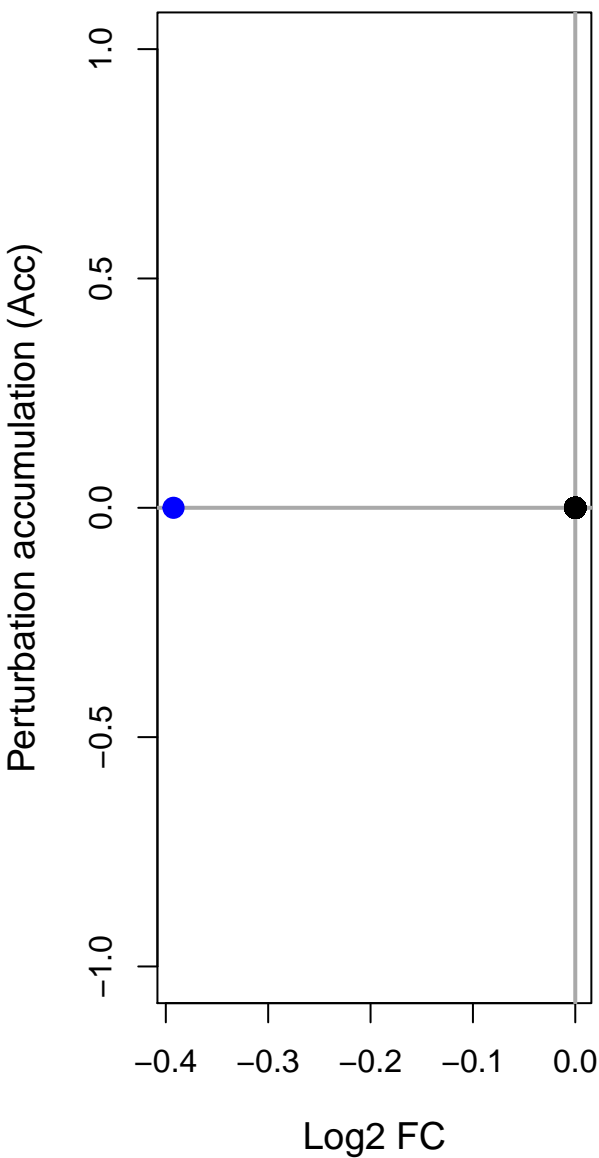
pathway ID=04610



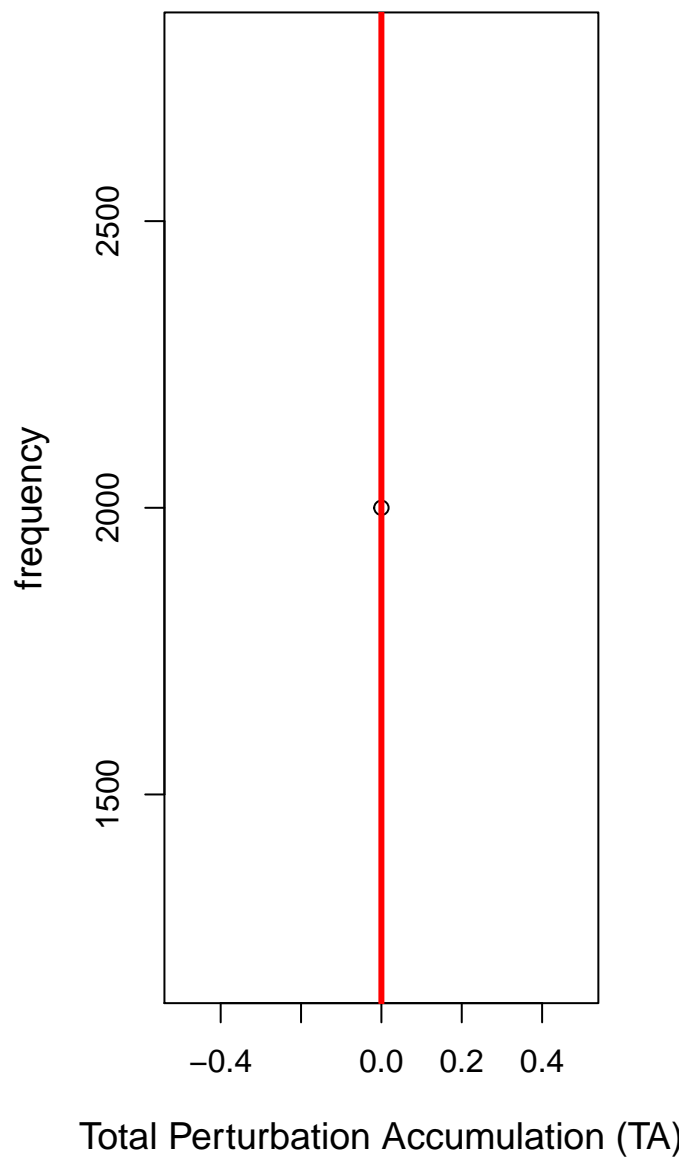
pathway ID=04610 P PERT=0.241



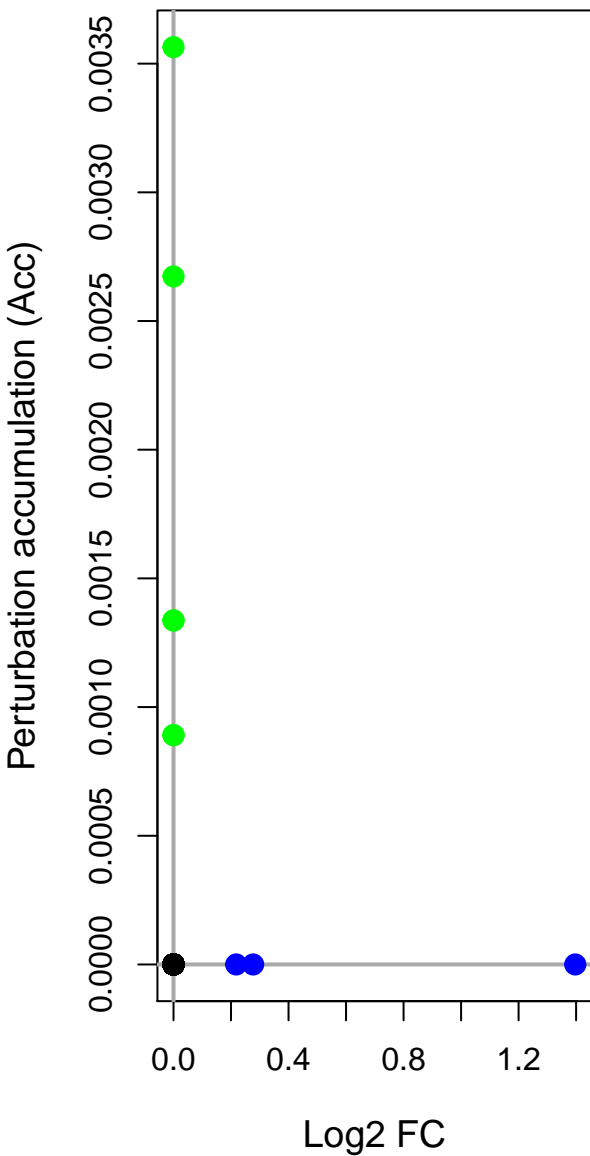
pathway ID=04612



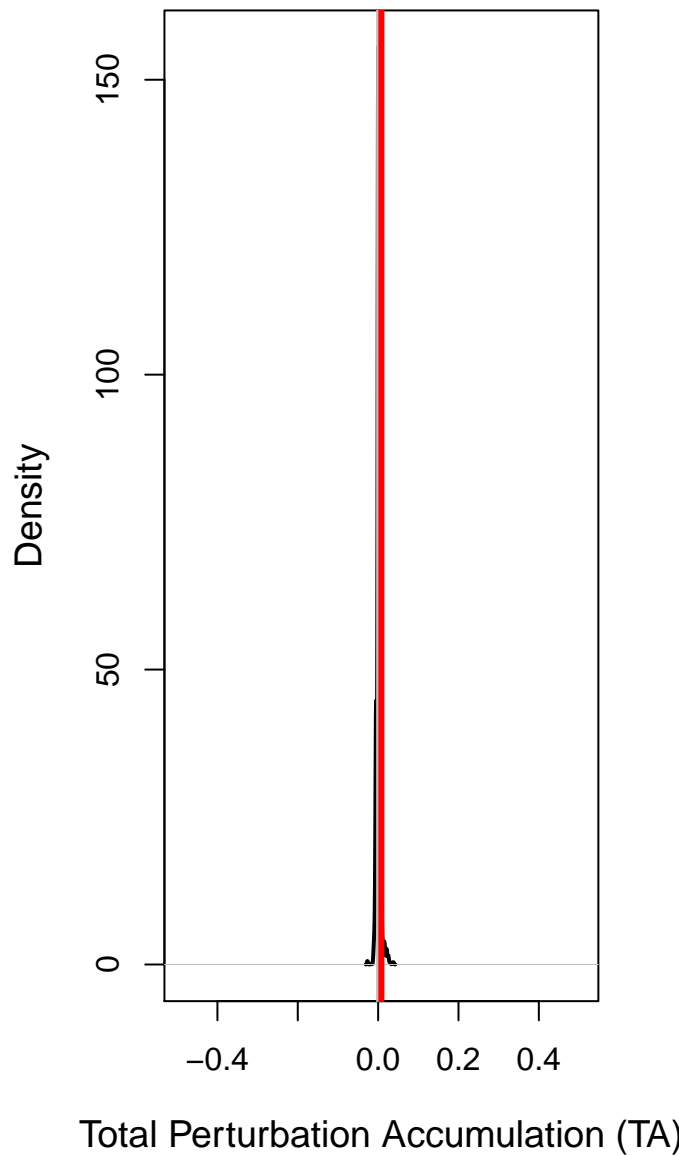
pathway ID=04612 P PERT=NA



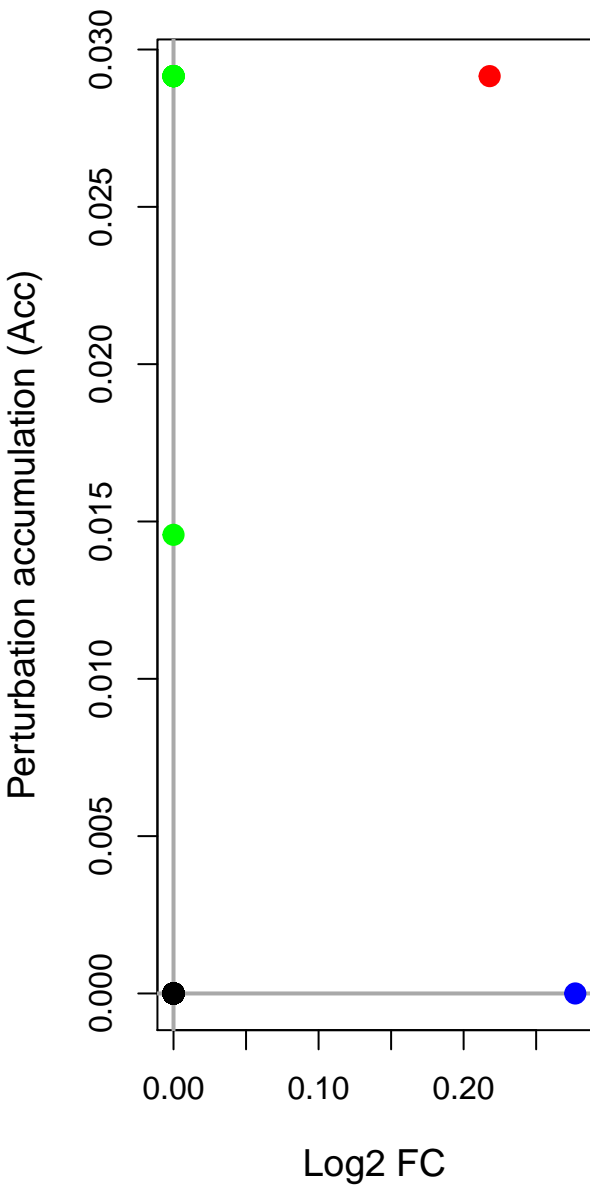
pathway ID=04620



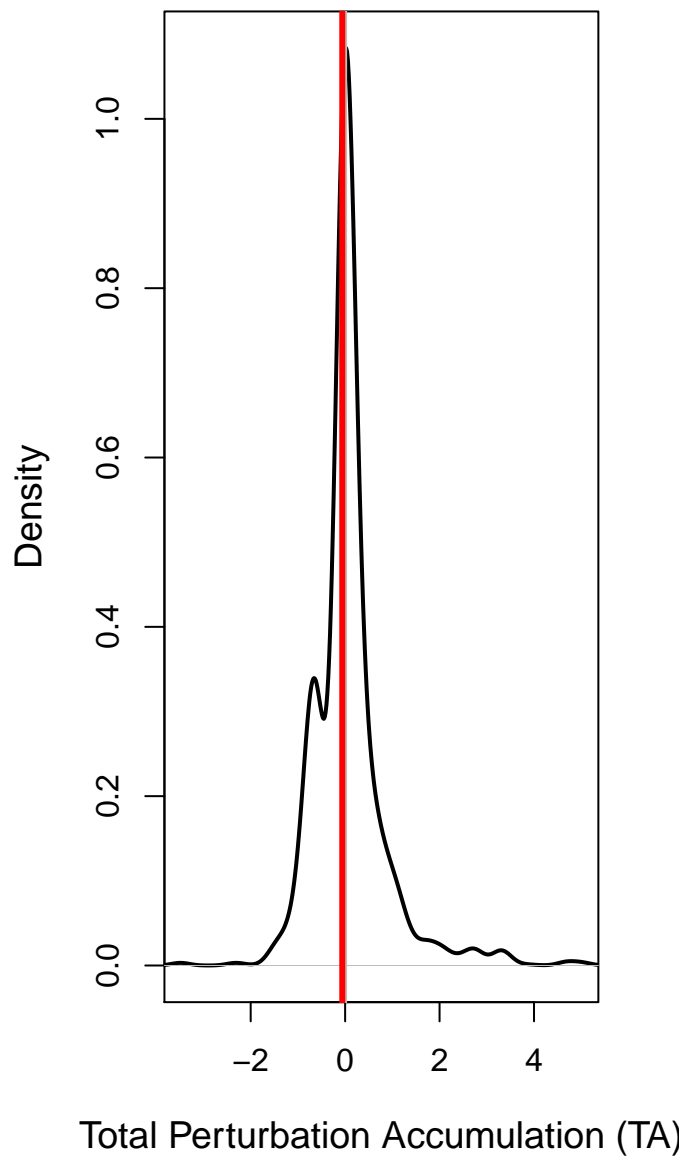
pathway ID=04620 P PERT=0.131



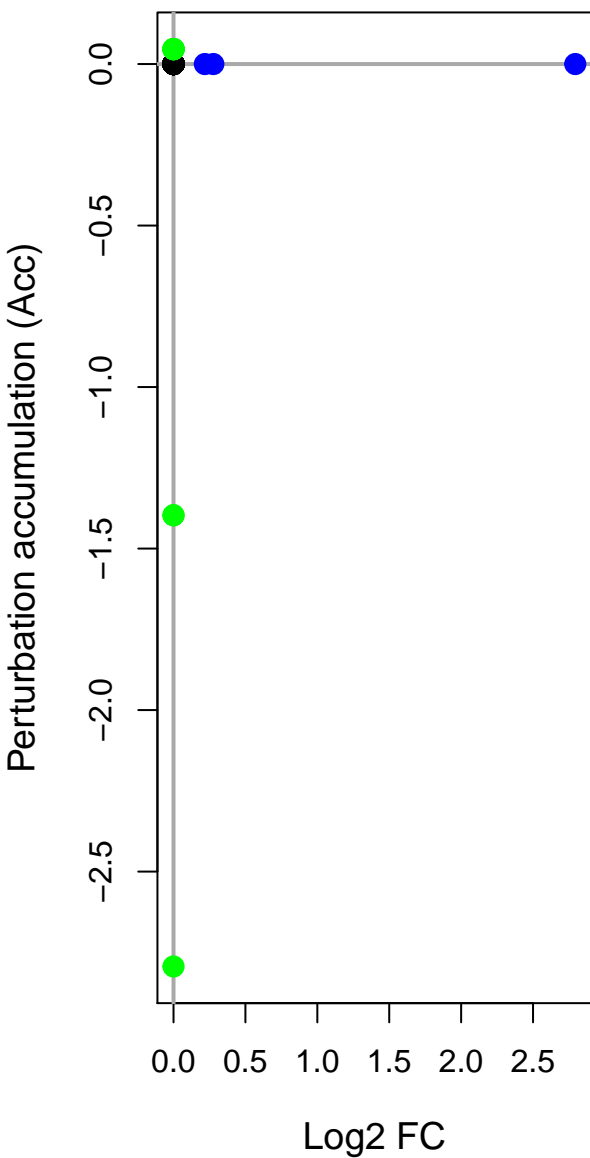
pathway ID=04621



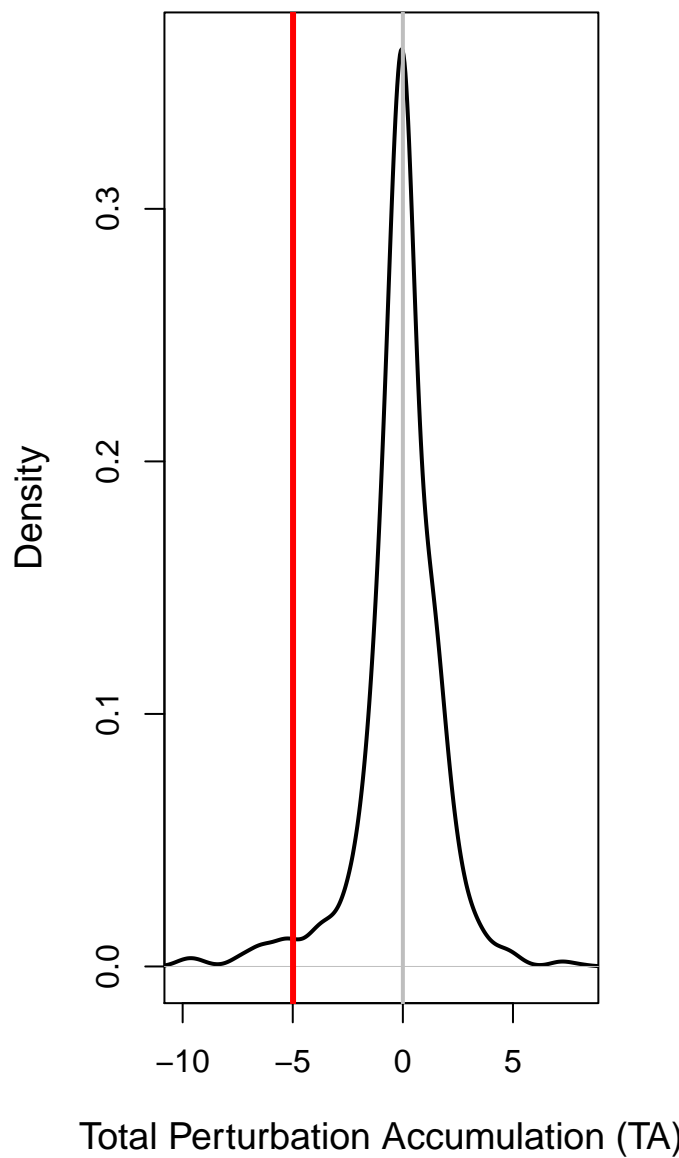
pathway ID=04621 P PERT=0.656



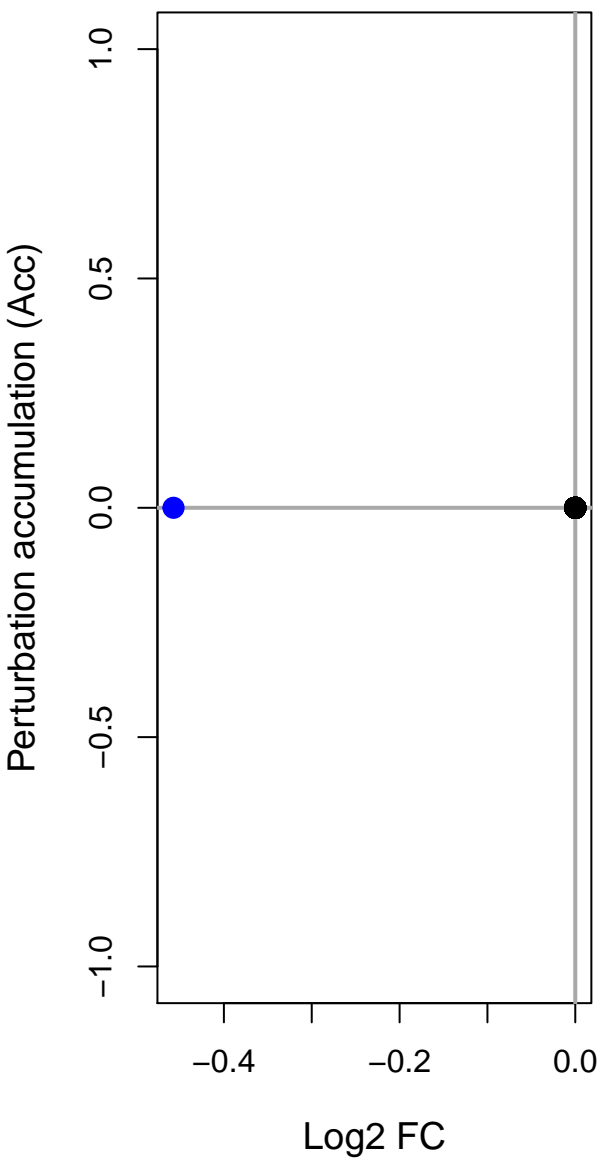
pathway ID=04622



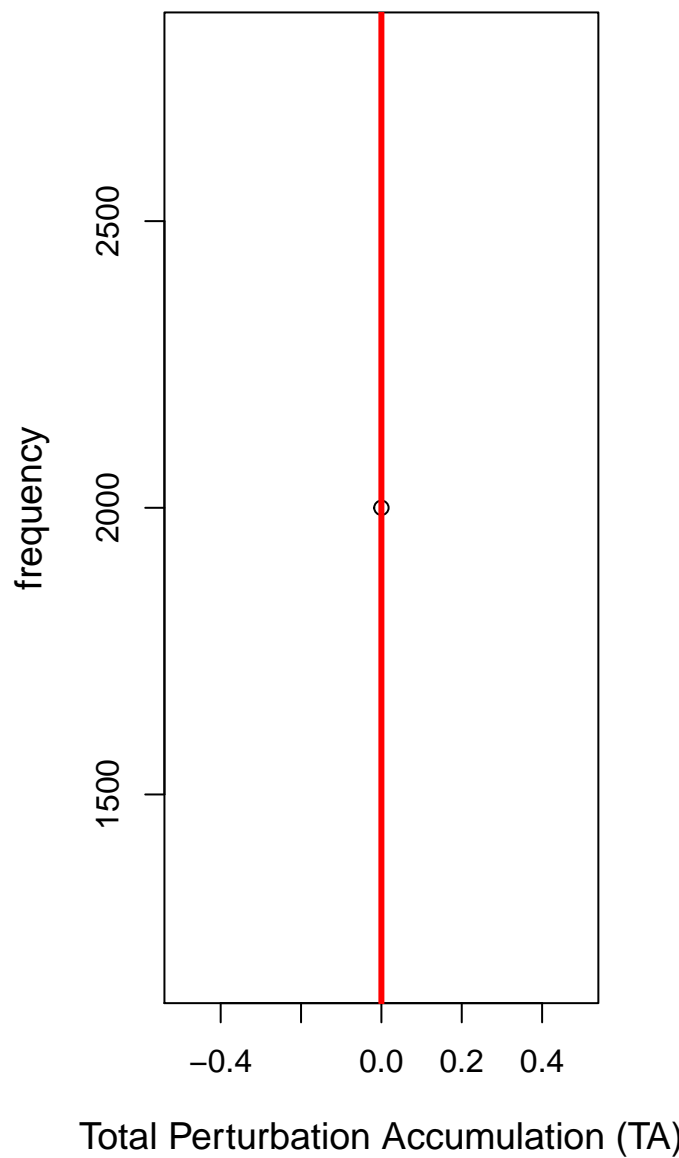
pathway ID=04622 P PERT=0.058



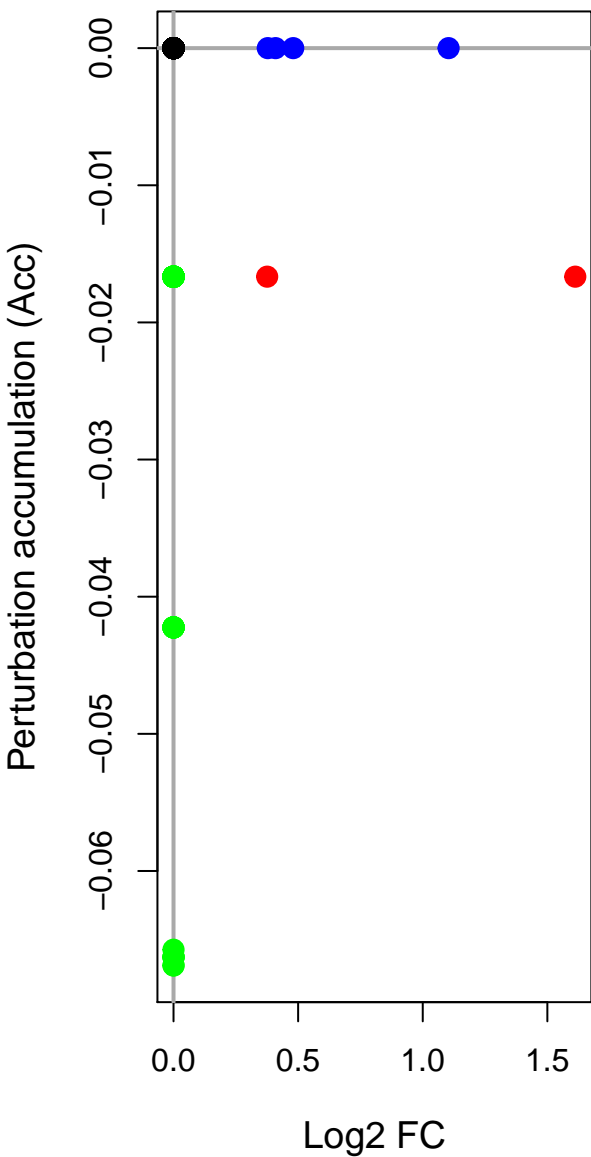
pathway ID=04623



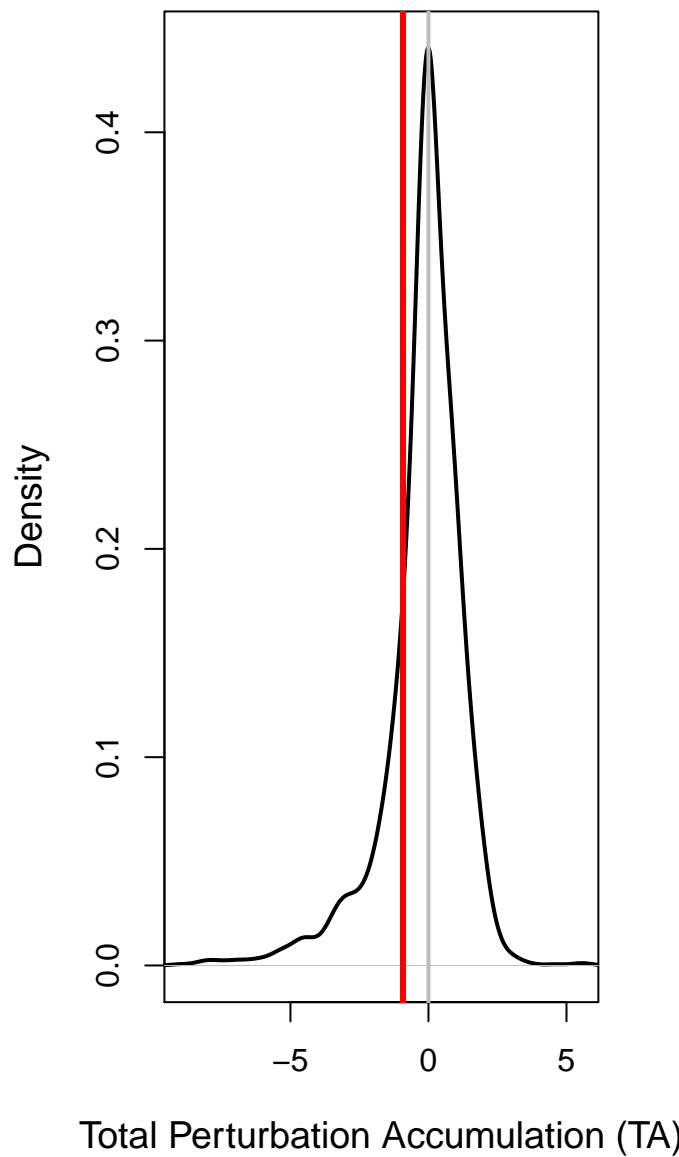
pathway ID=04623 P PERT=NA



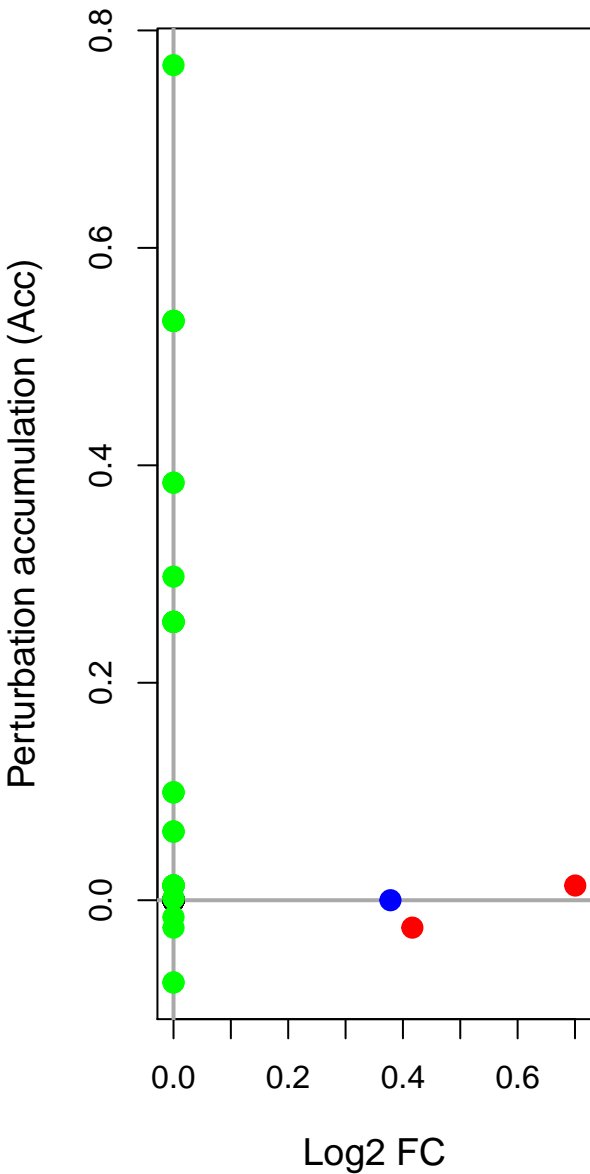
pathway ID=04630



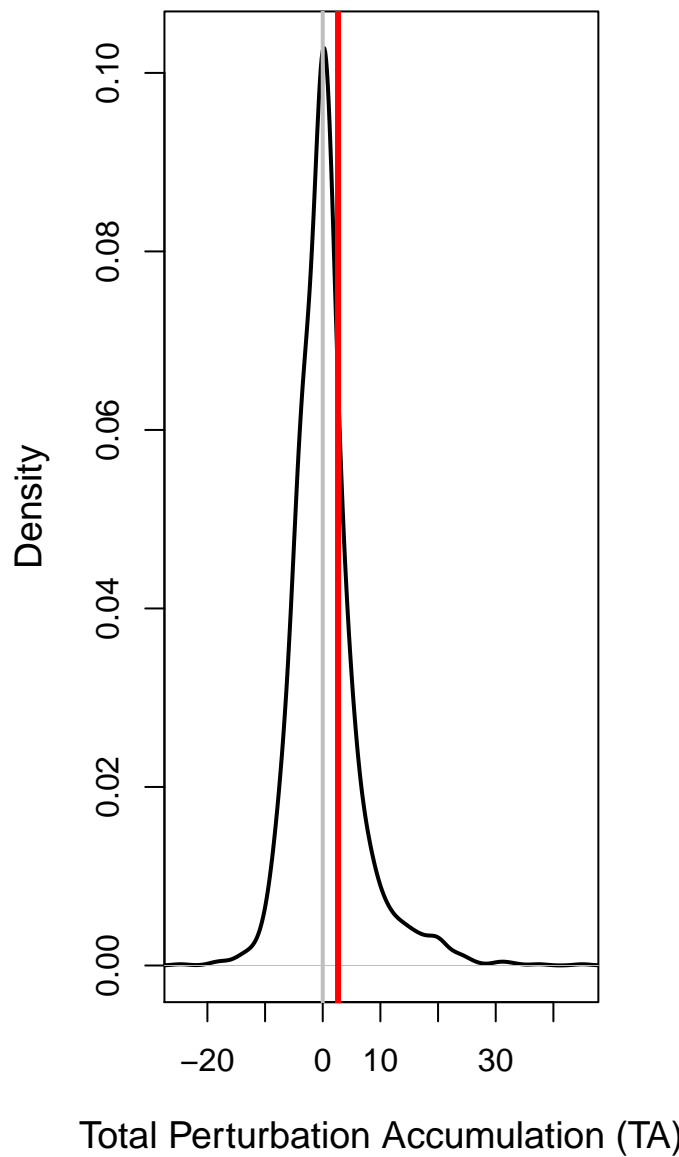
pathway ID=04630 P PERT=0.377



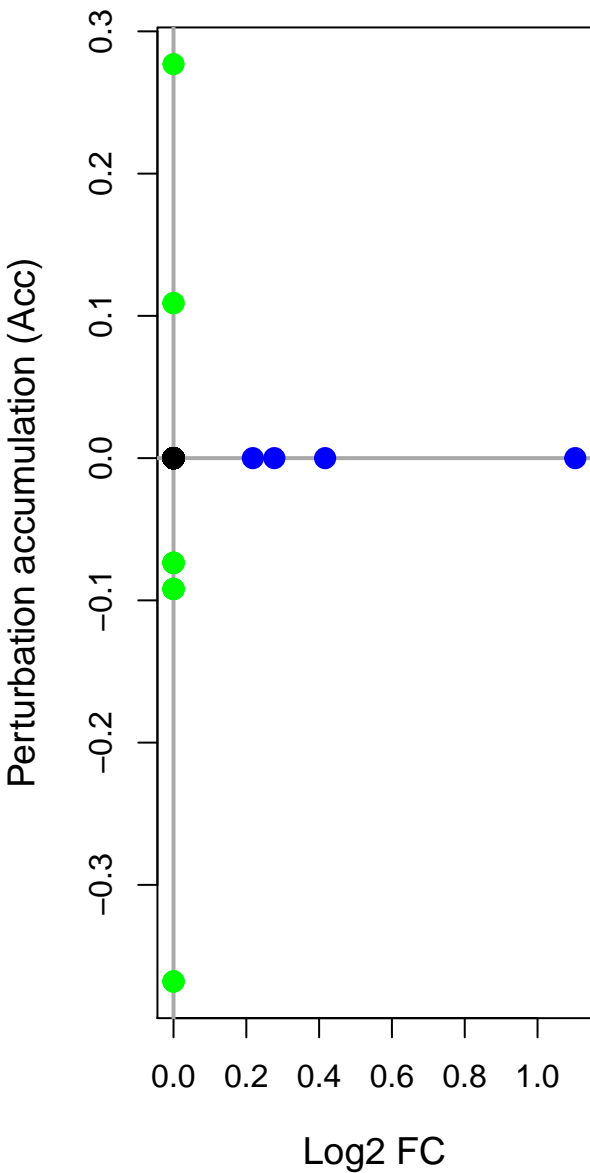
pathway ID=04650



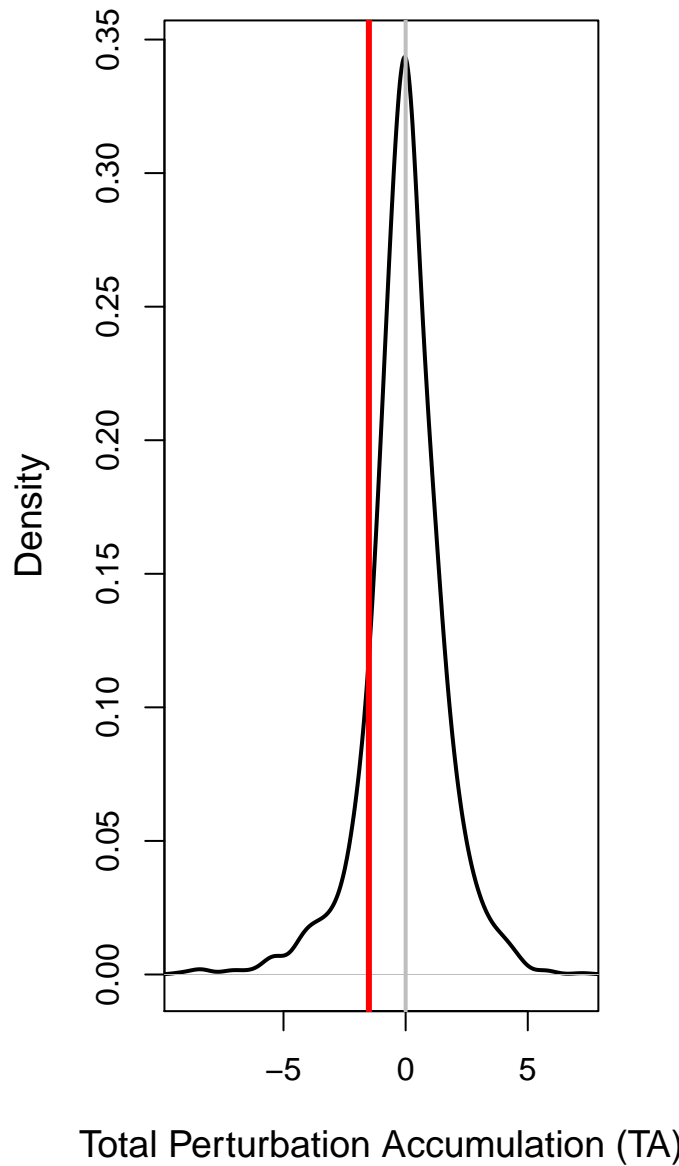
pathway ID=04650 P PERT=0.485



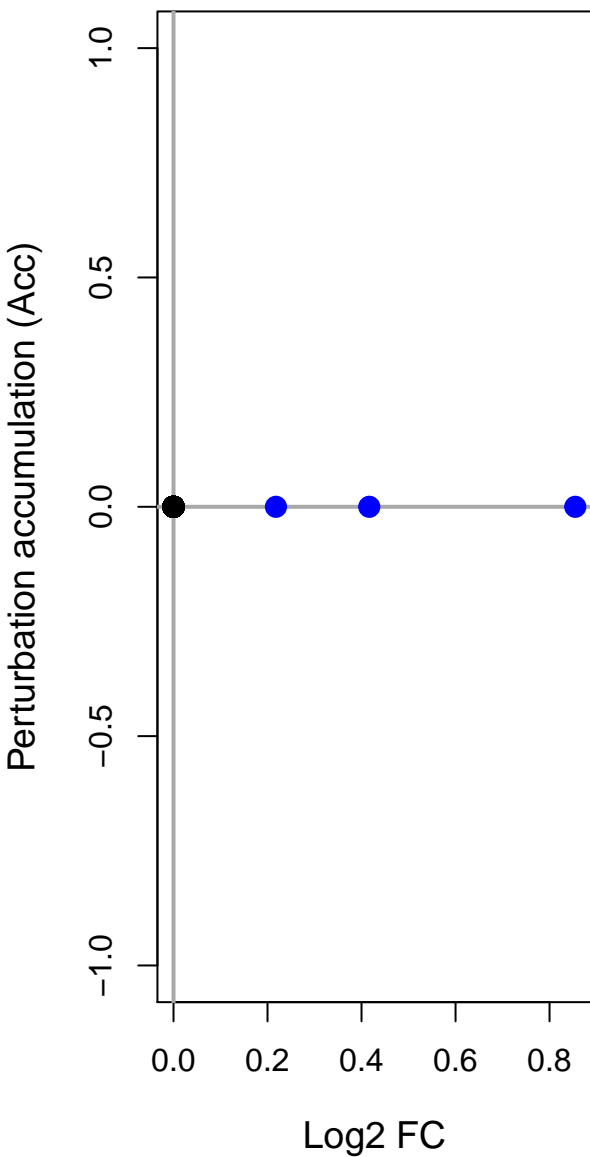
pathway ID=04660



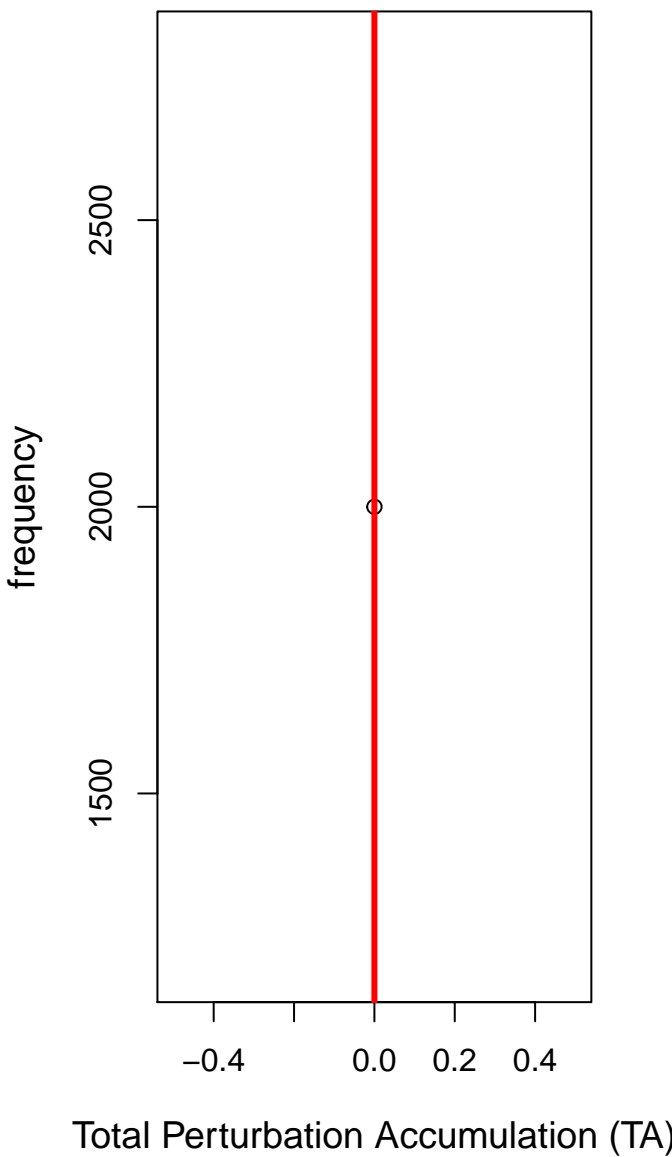
pathway ID=04660 P PERT=0.242



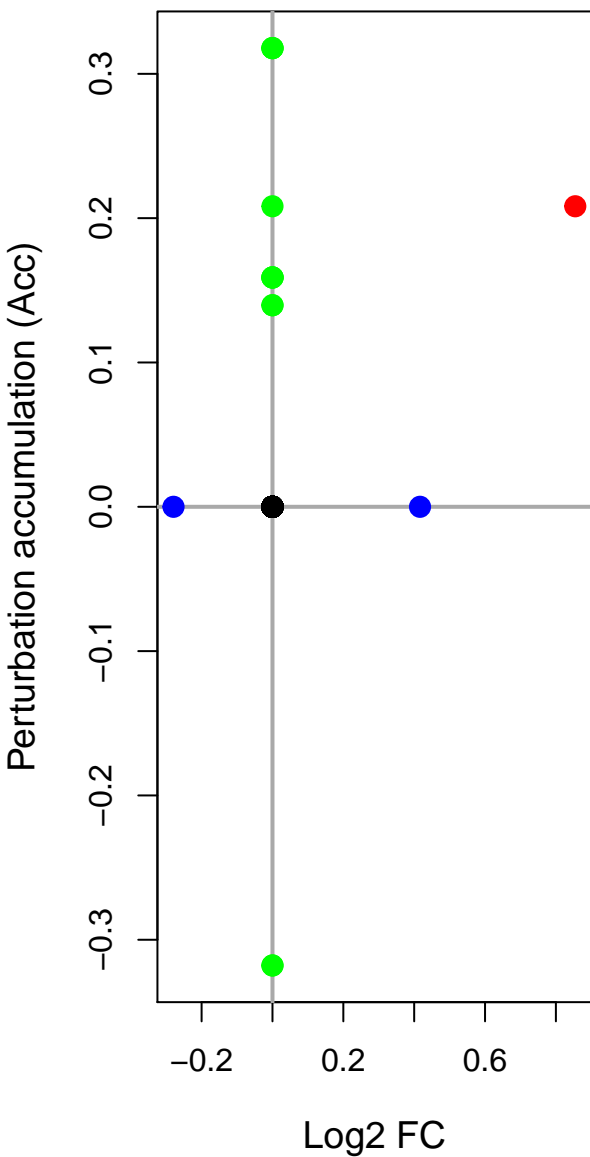
pathway ID=04664



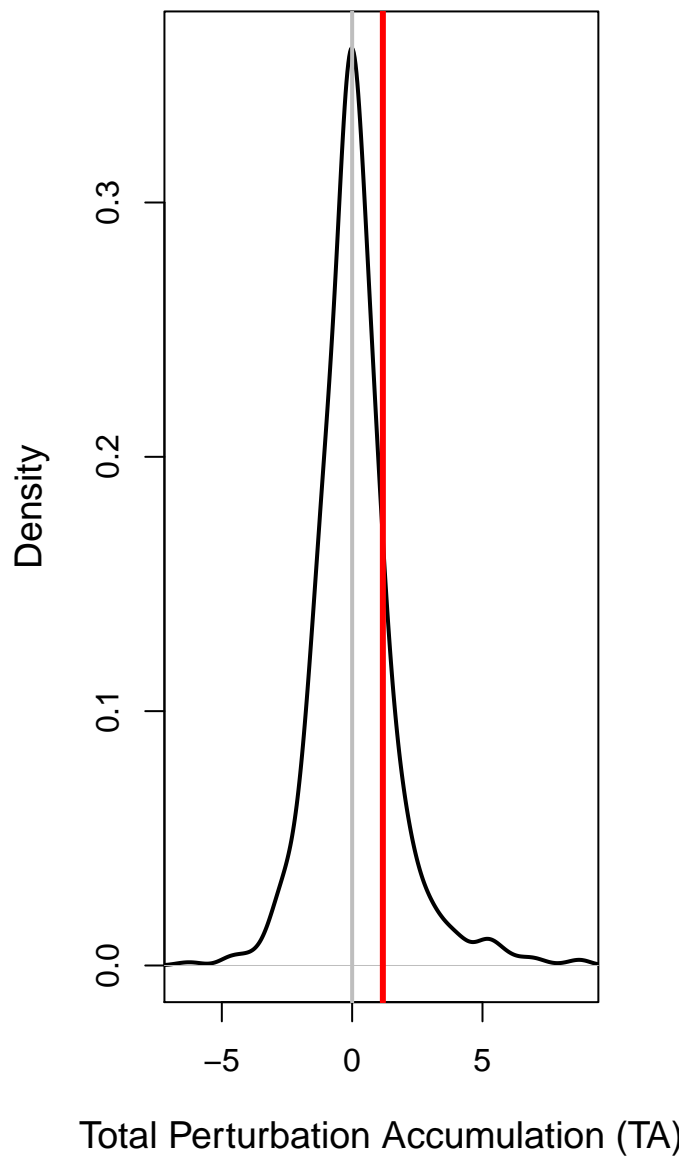
pathway ID=04664 P PERT=NA



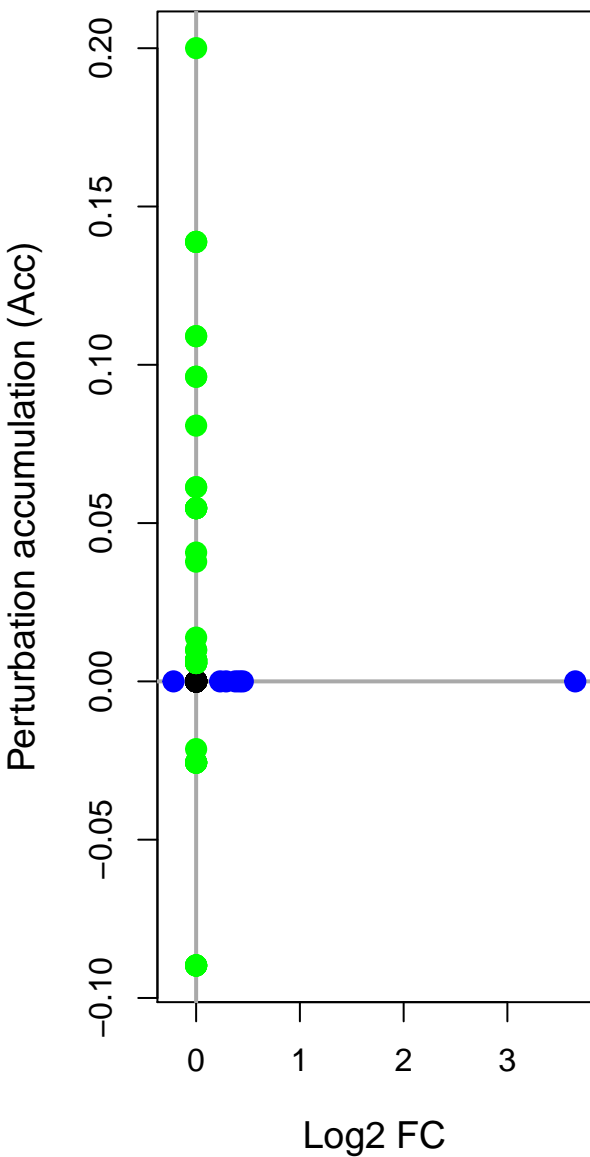
pathway ID=04666



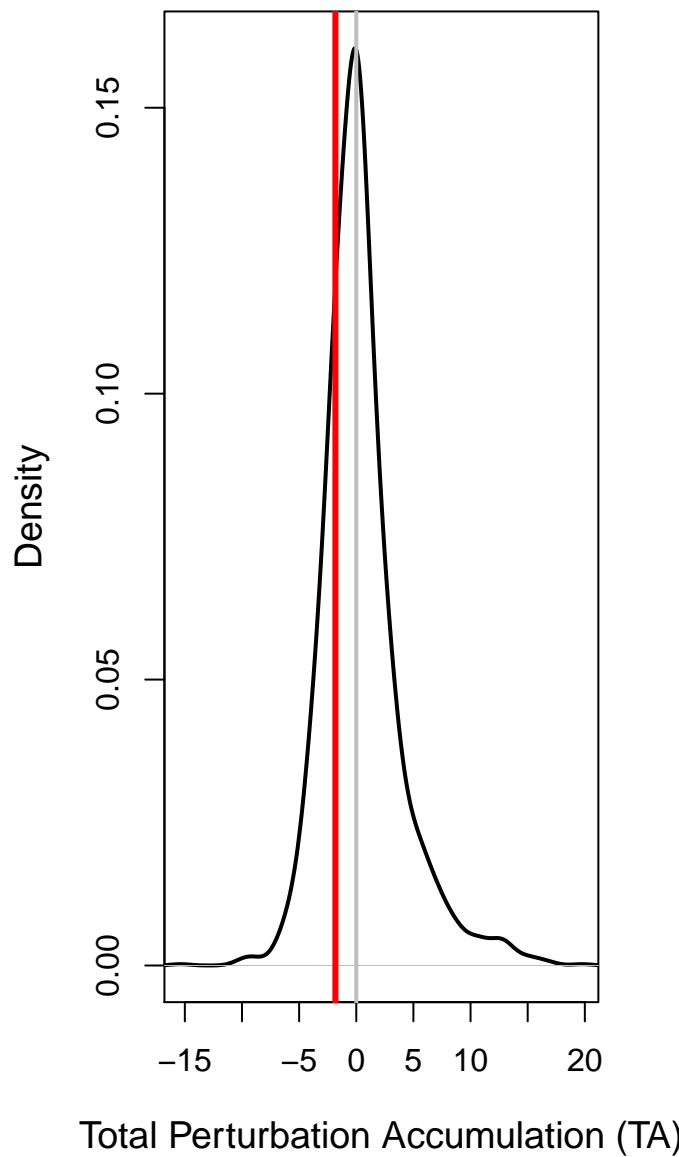
pathway ID=04666 P PERT=0.337



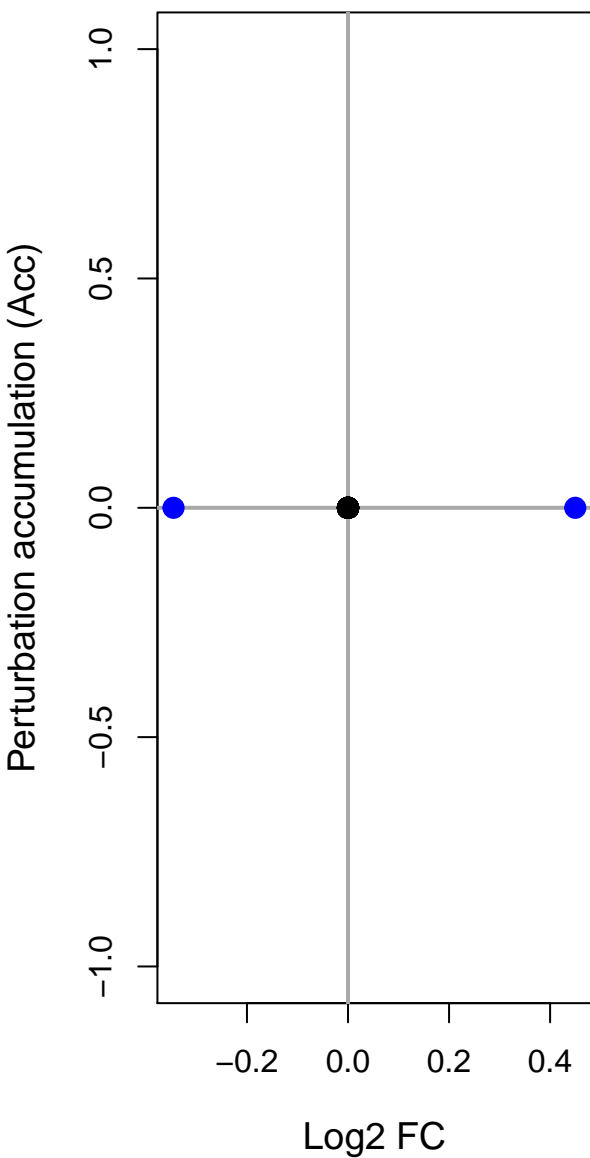
pathway ID=04670



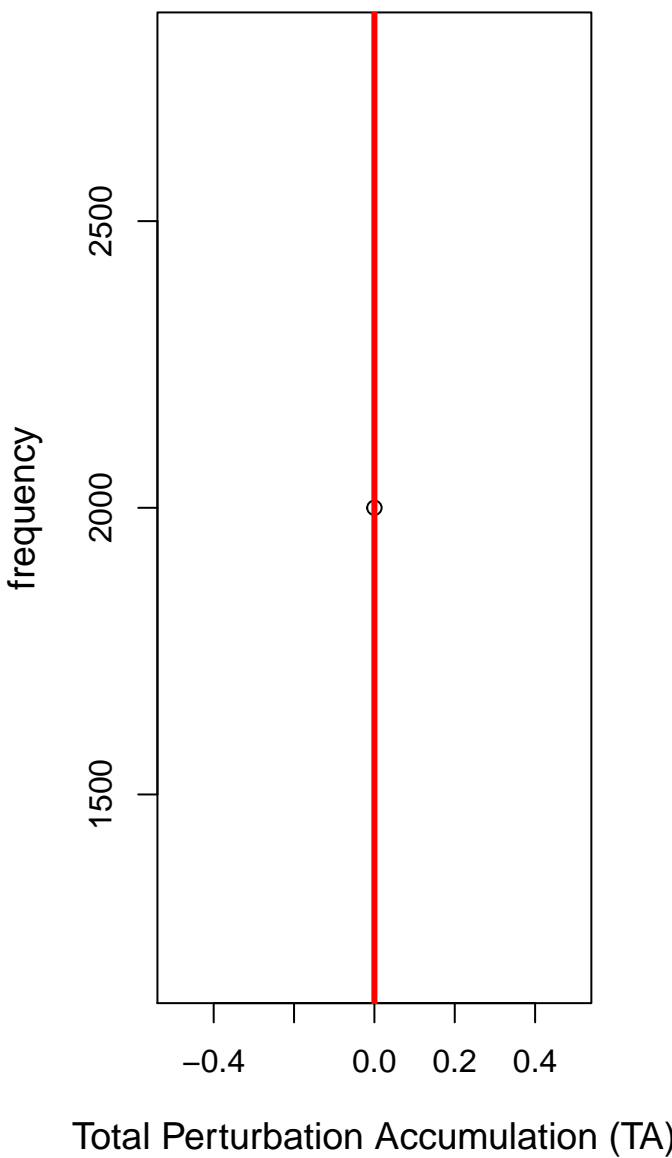
pathway ID=04670 P PERT=0.429



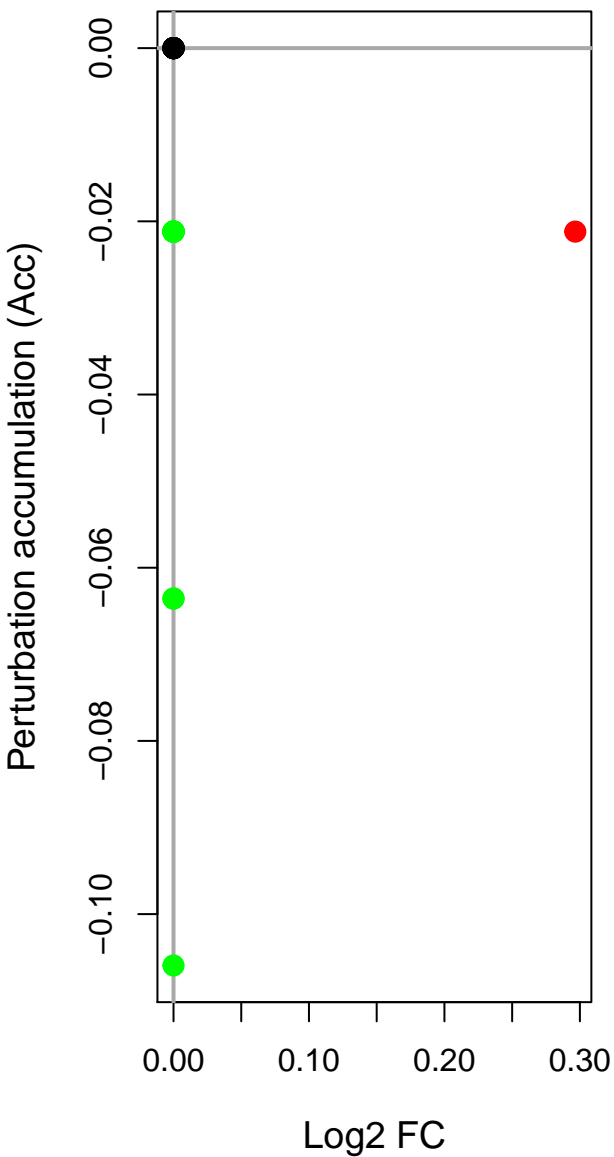
pathway ID=04672



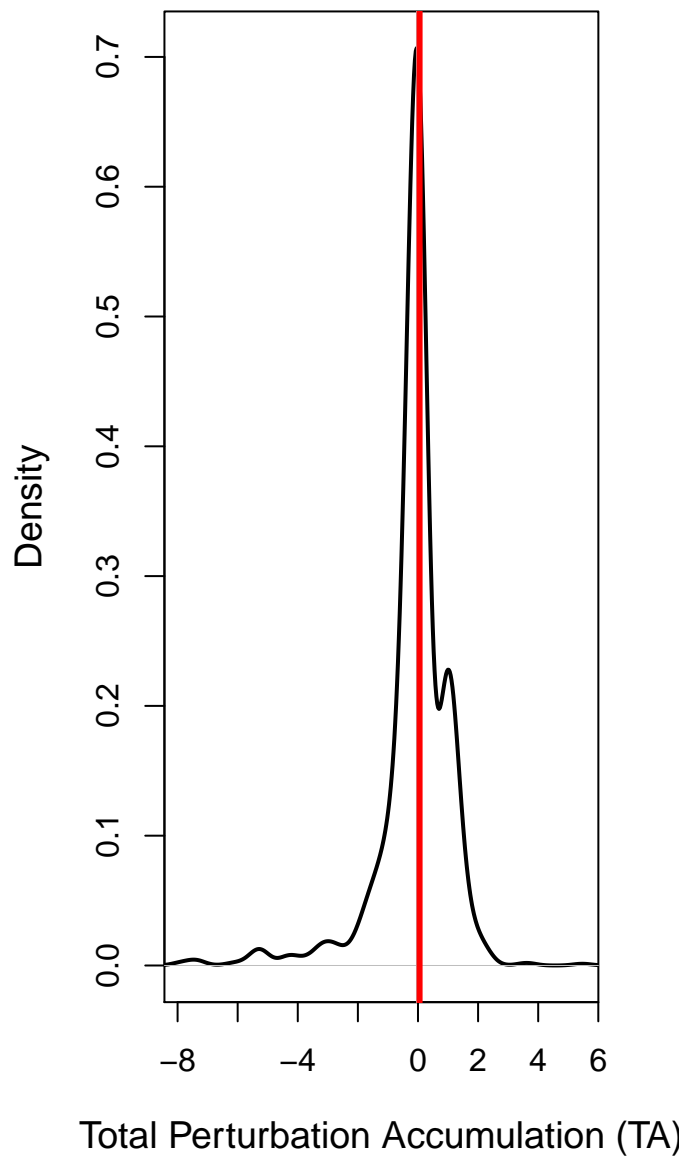
pathway ID=04672 P PERT=NA



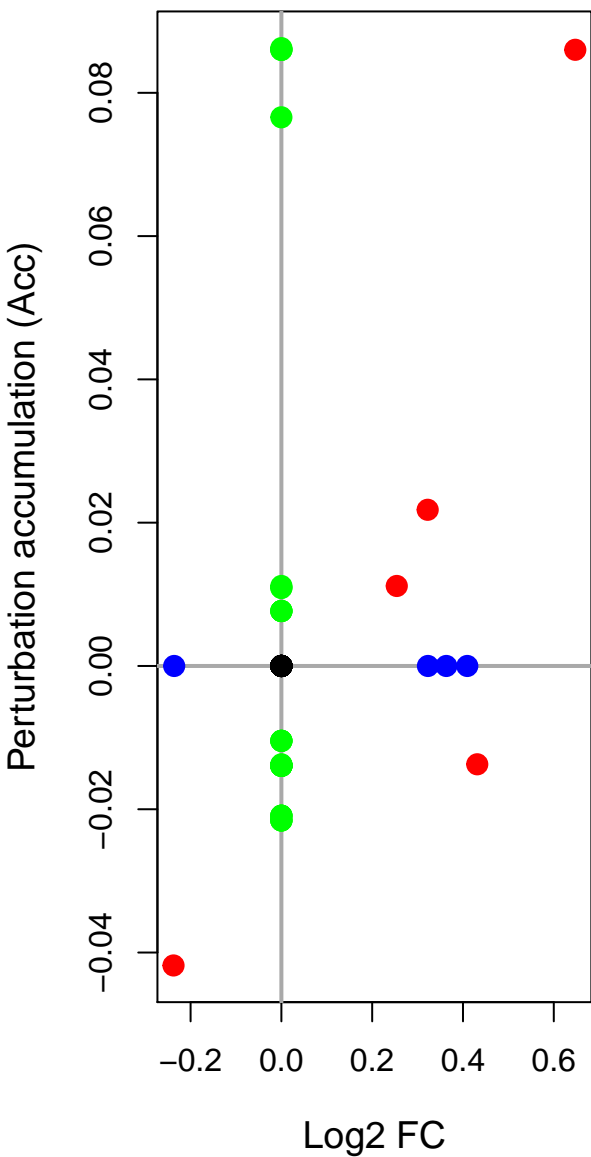
pathway ID=04710



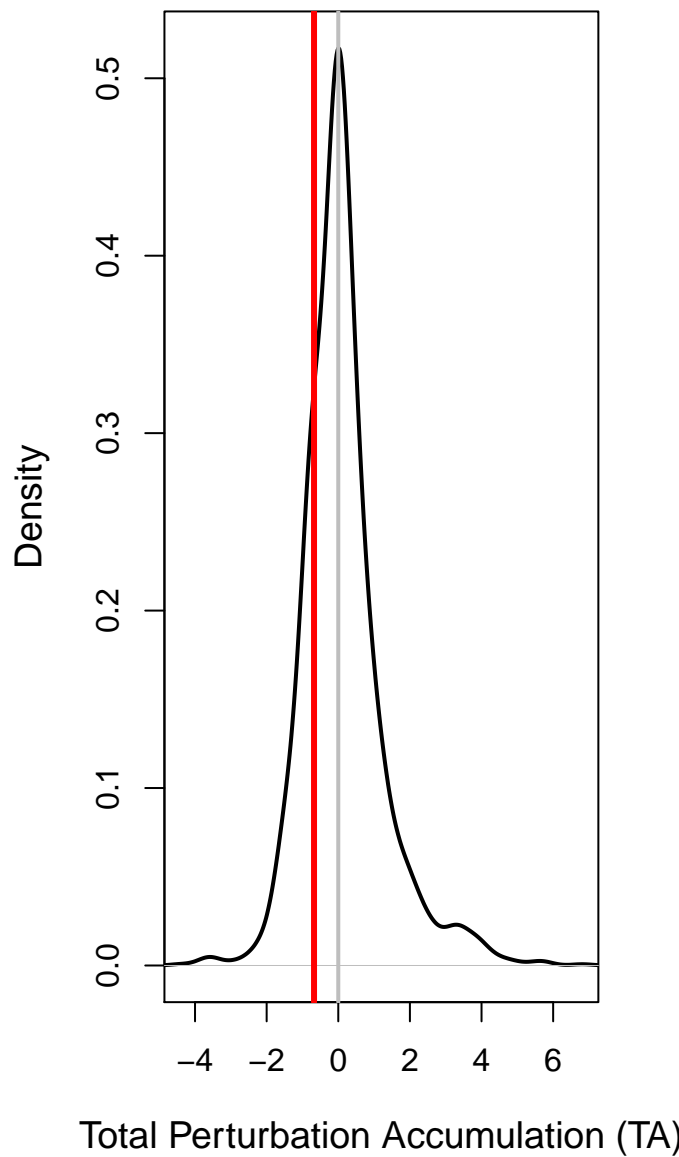
pathway ID=04710 P PERT=0.808



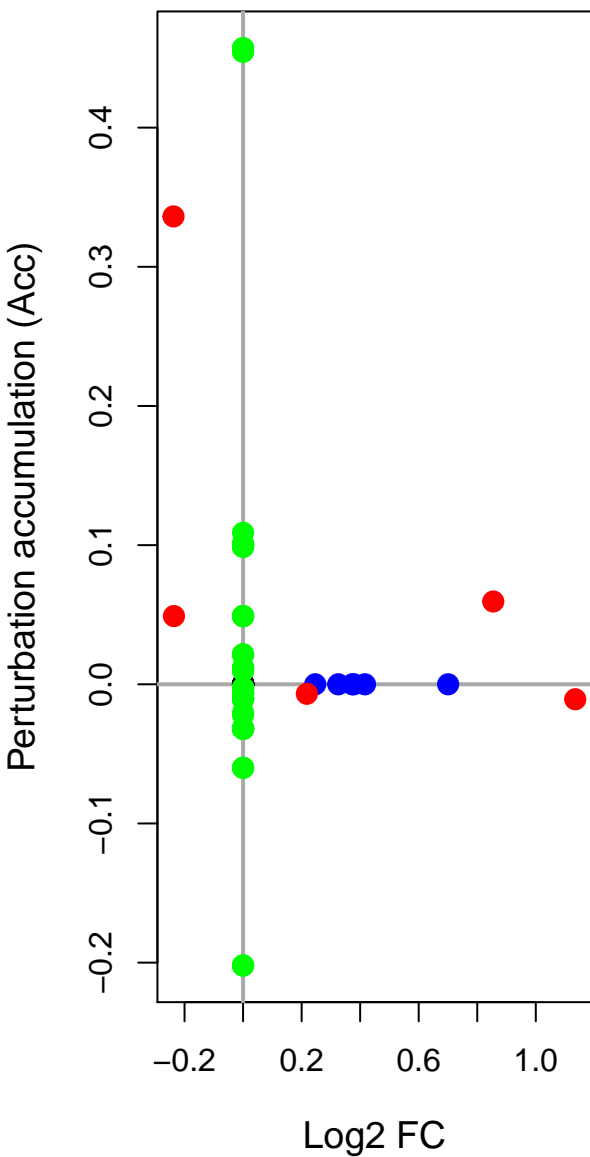
pathway ID=04720



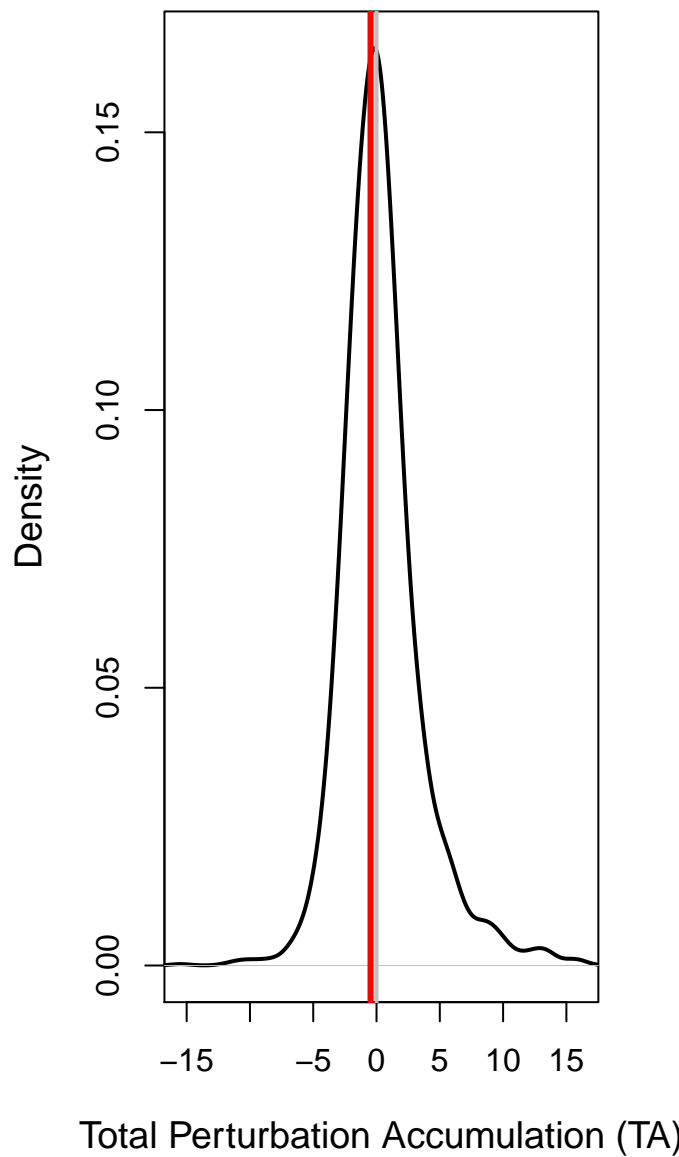
pathway ID=04720 P PERT=0.415



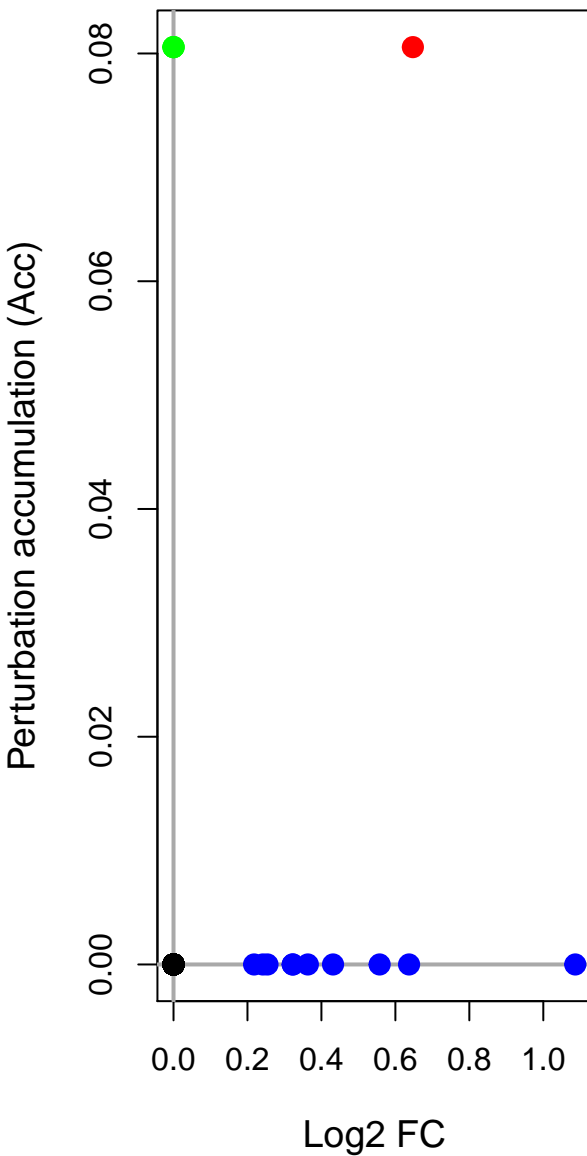
pathway ID=04722



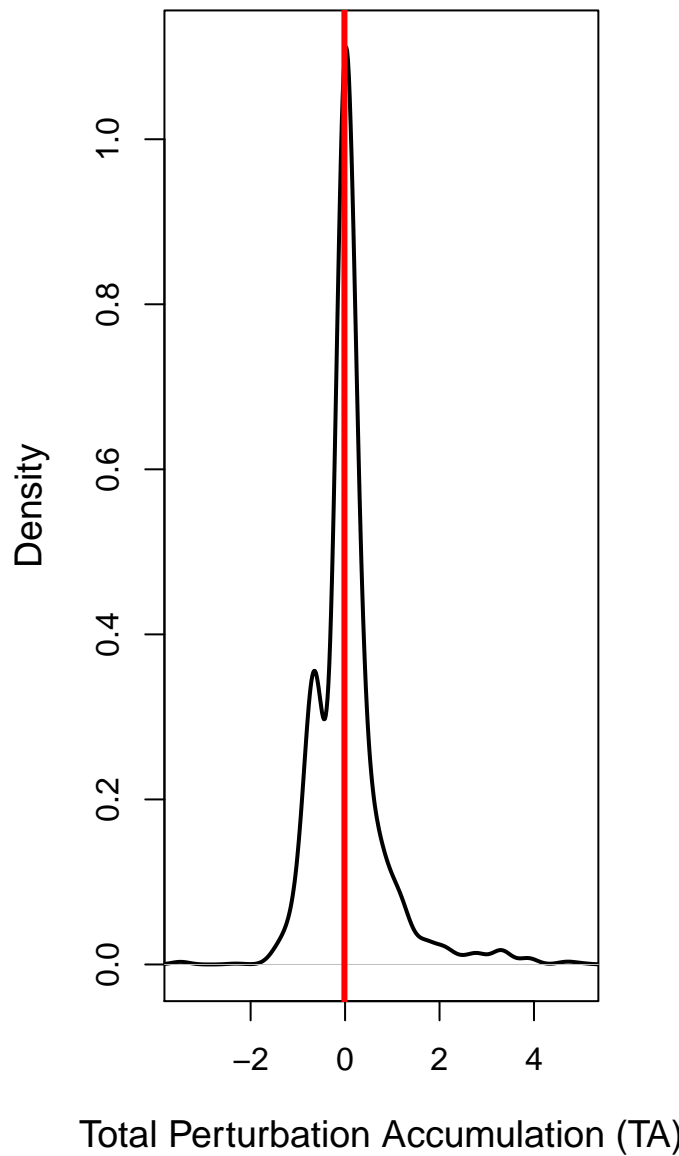
pathway ID=04722 P PERT=0.816



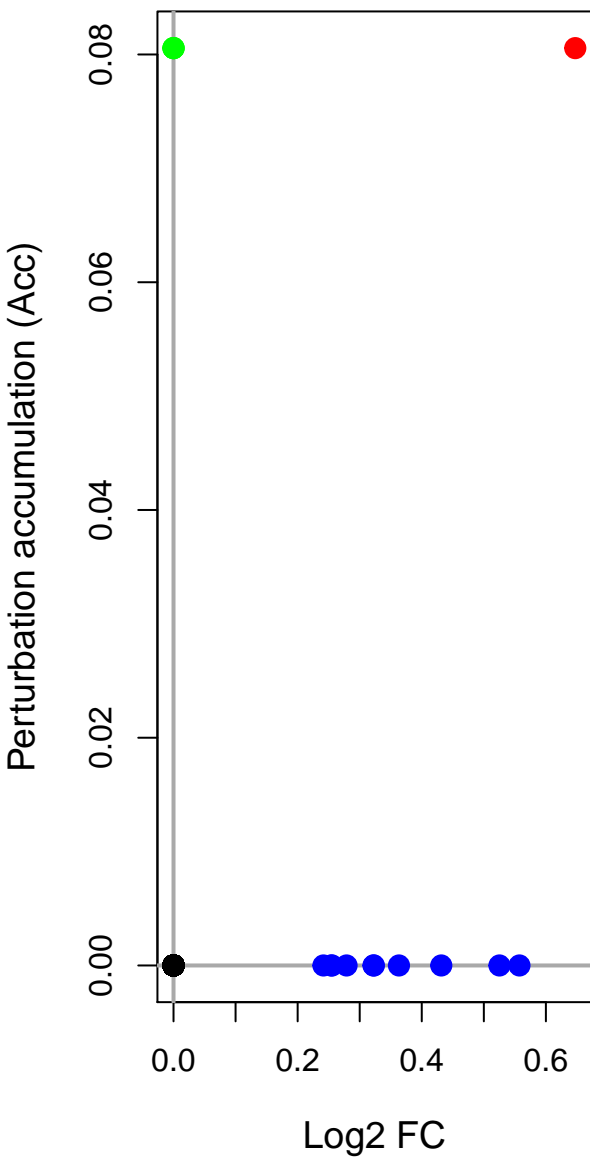
pathway ID=04723



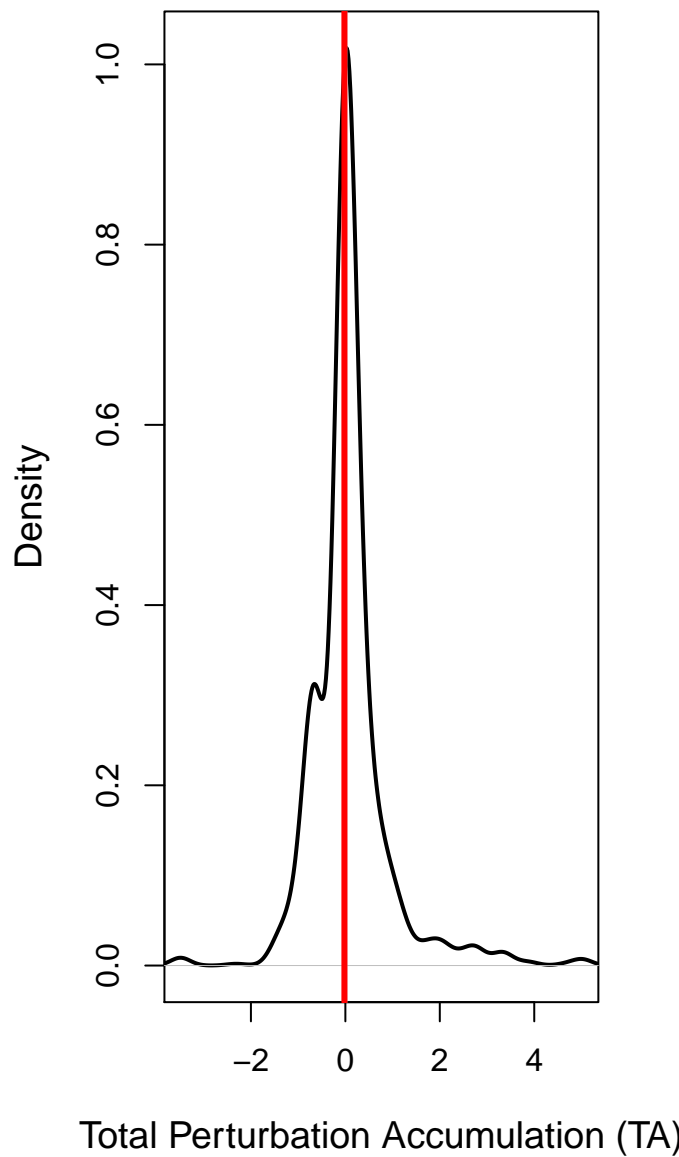
pathway ID=04723 P PERT=0.939



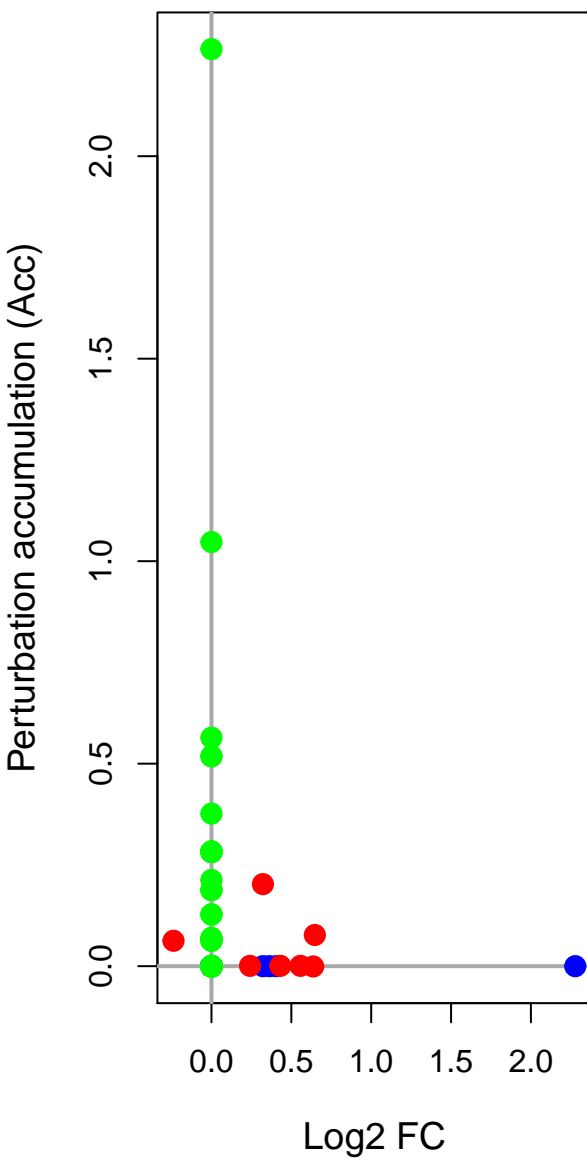
pathway ID=04724



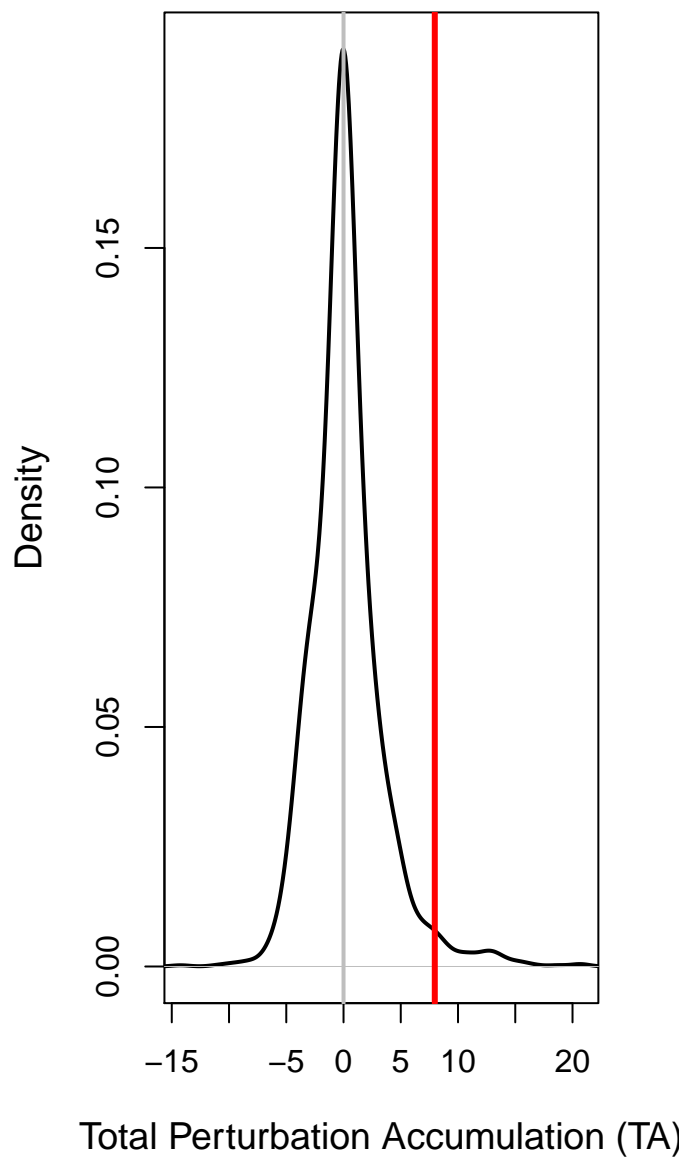
pathway ID=04724 P PERT=0.923



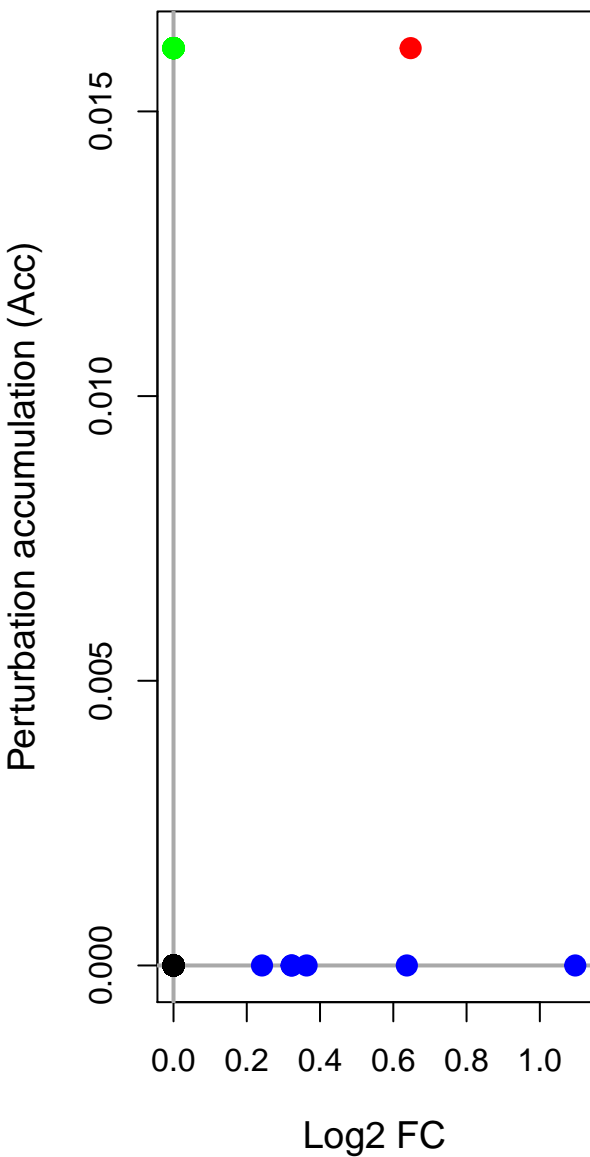
pathway ID=04725



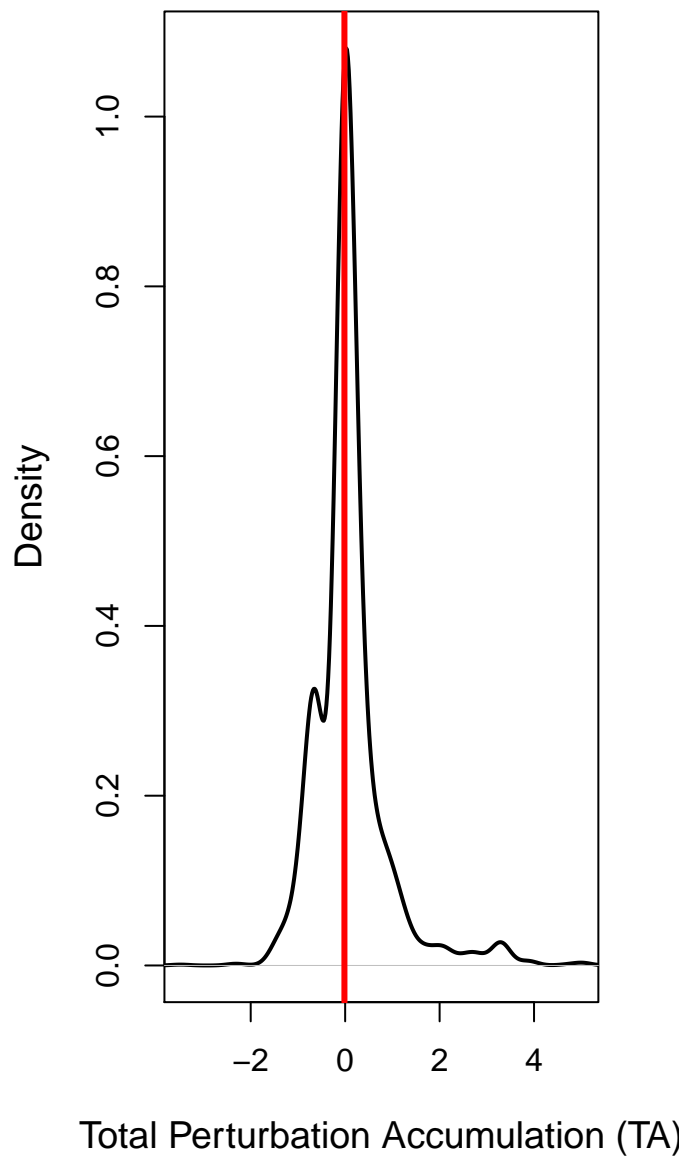
pathway ID=04725 P PERT=0.054



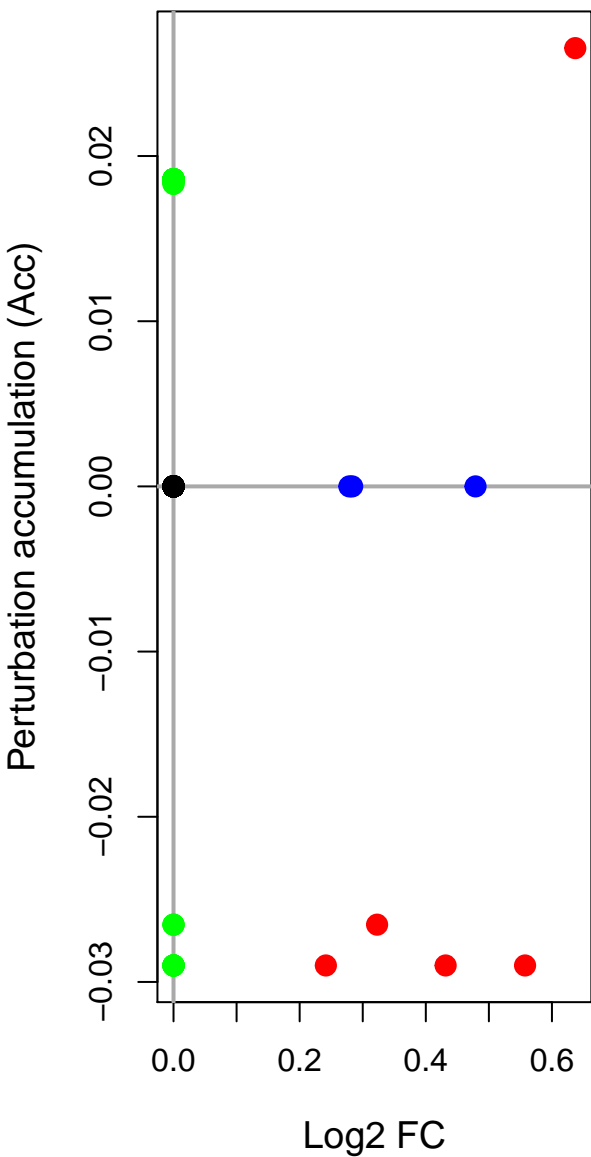
pathway ID=04726



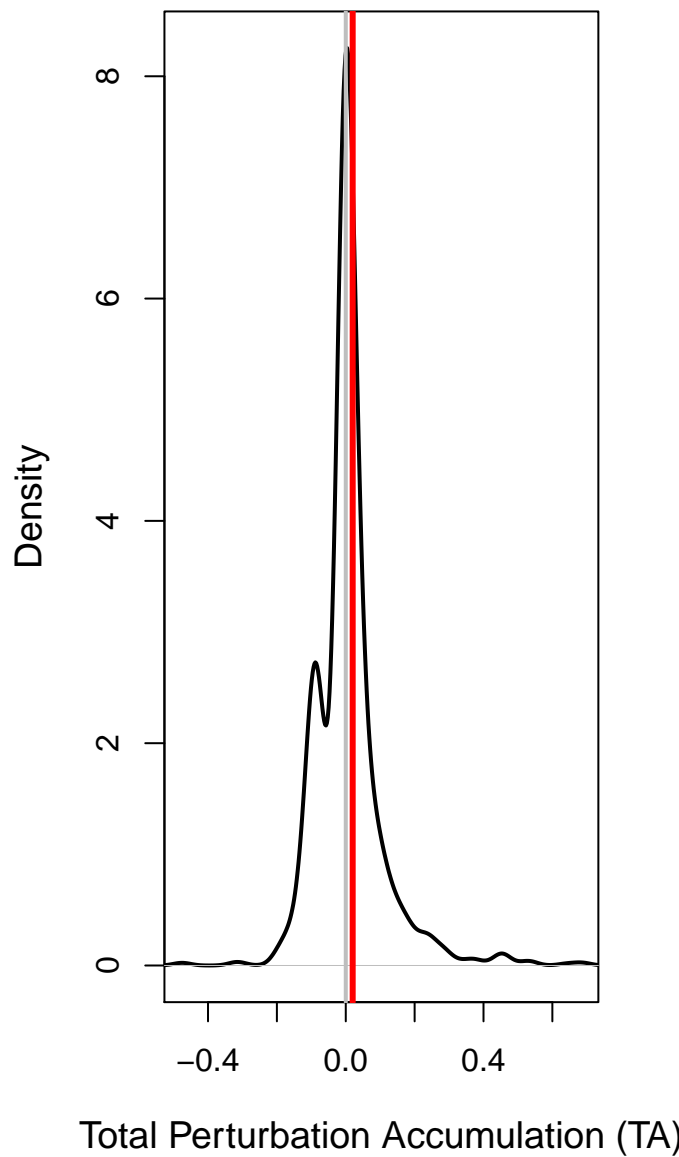
pathway ID=04726 P PERT=0.911



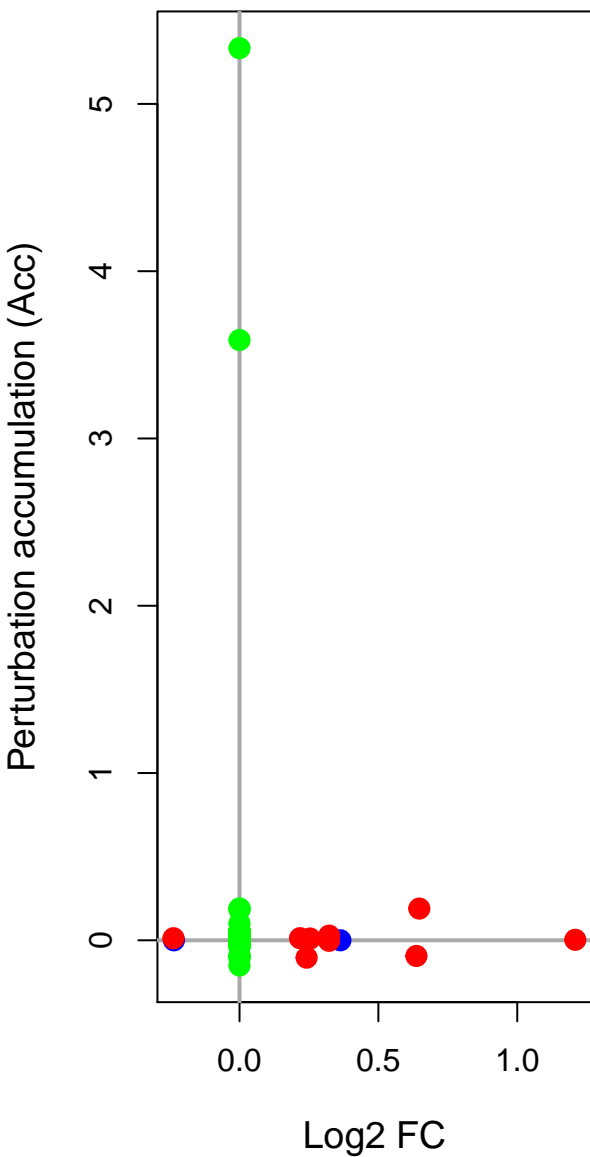
pathway ID=04727



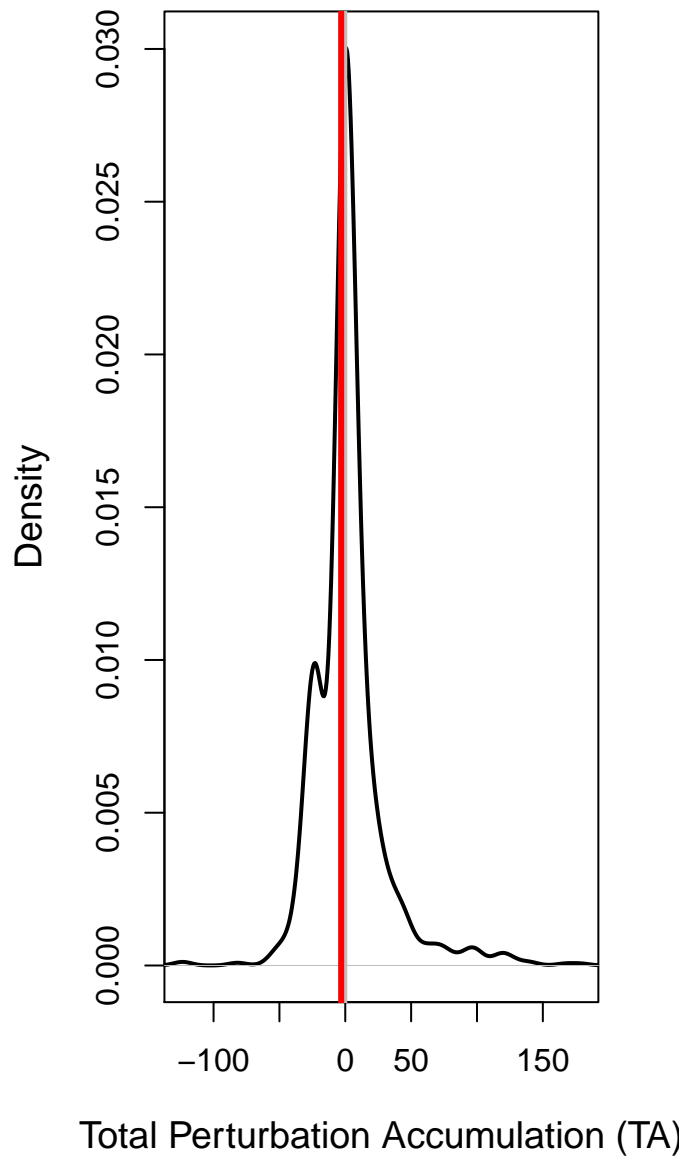
pathway ID=04727 P PERT=0.565



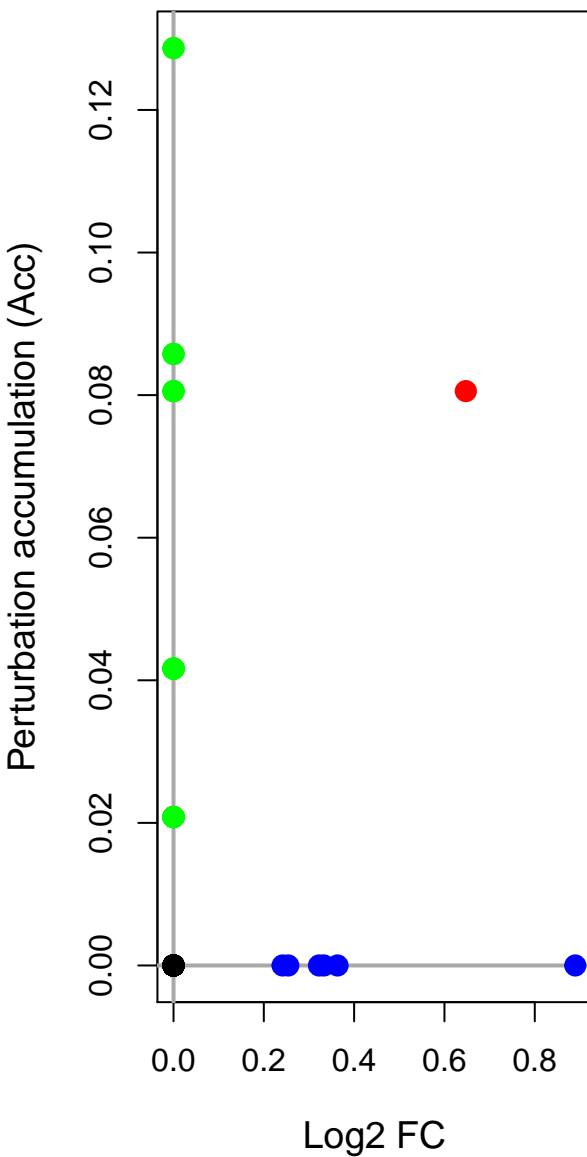
pathway ID=04728



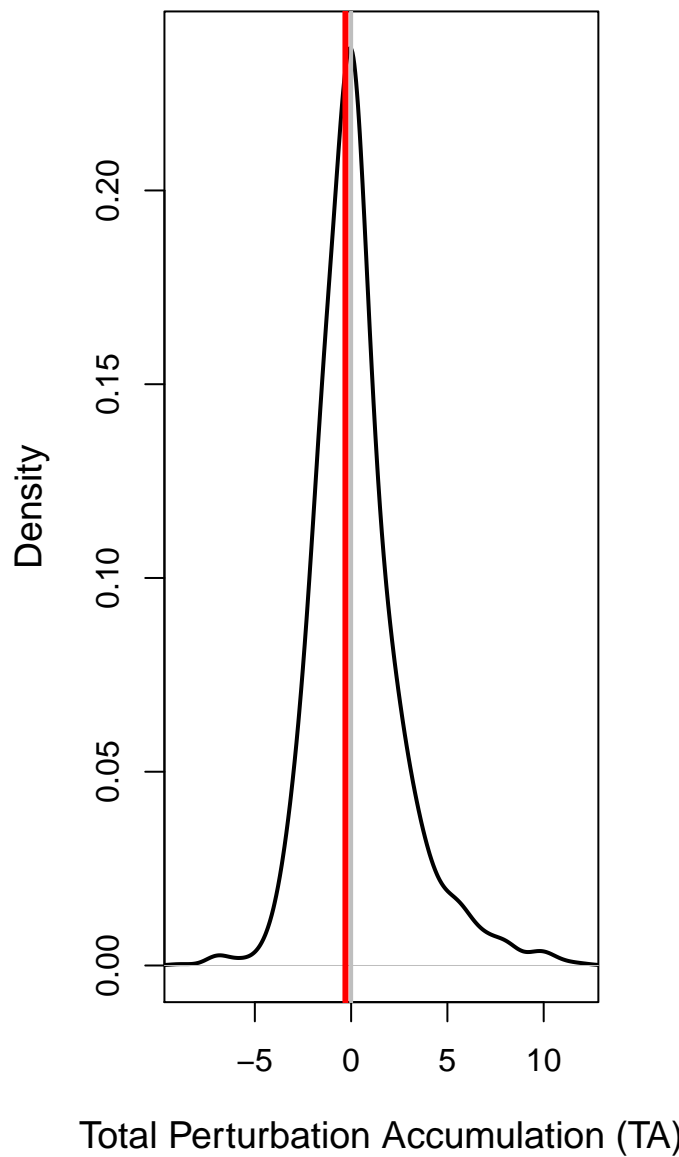
pathway ID=04728 P PERT=0.613



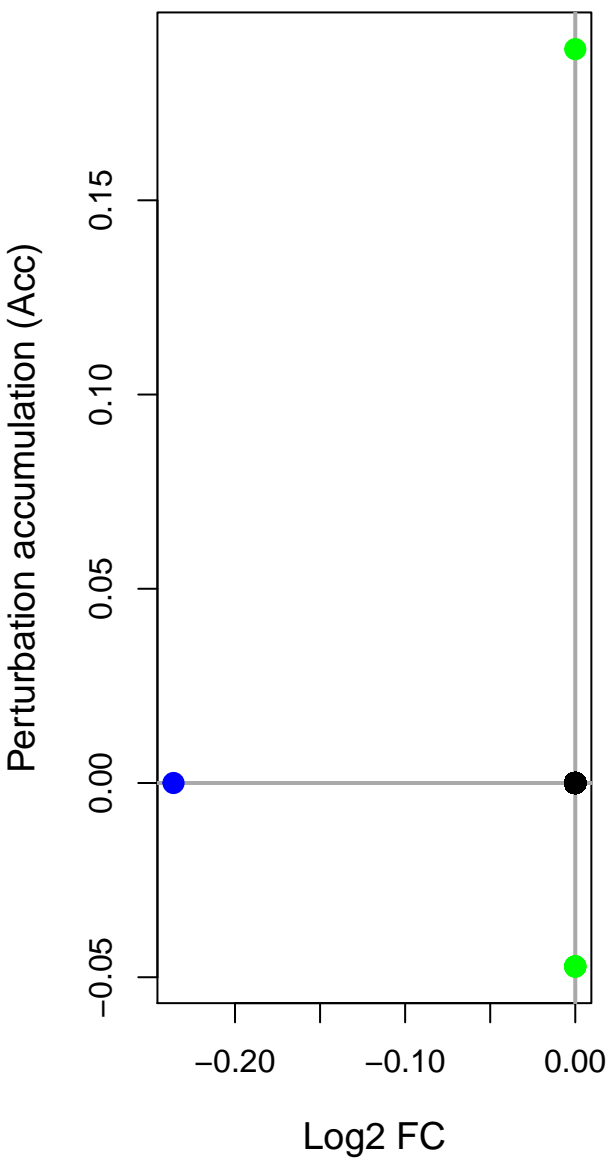
pathway ID=04730



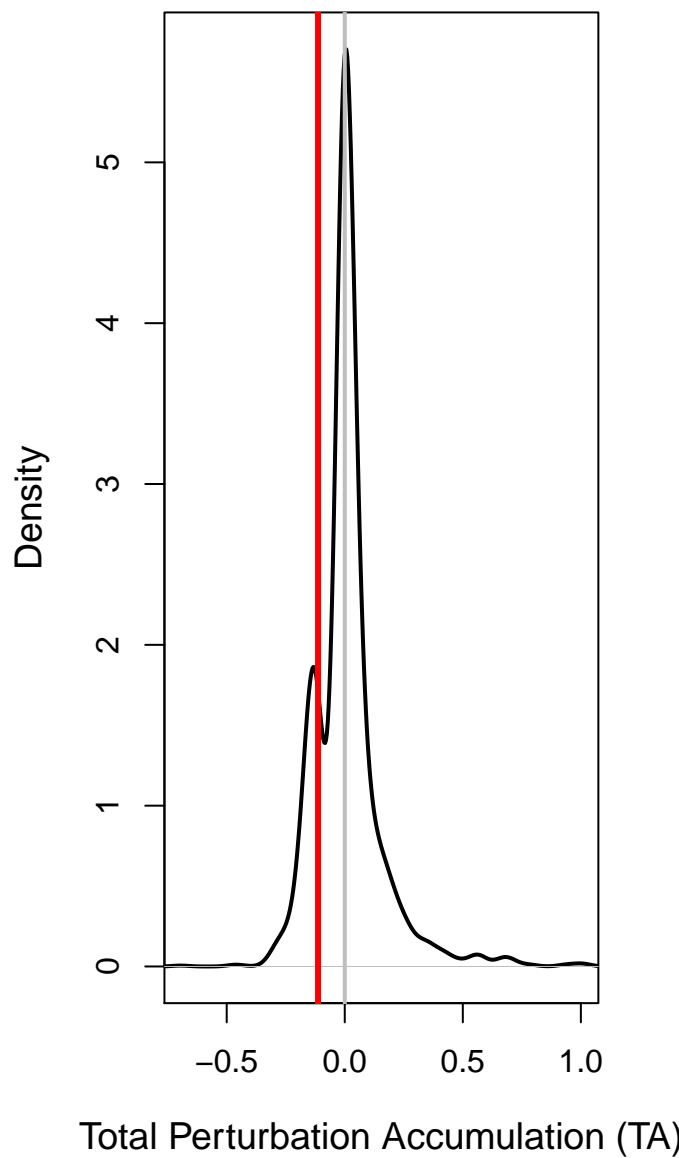
pathway ID=04730 P PERT=0.788



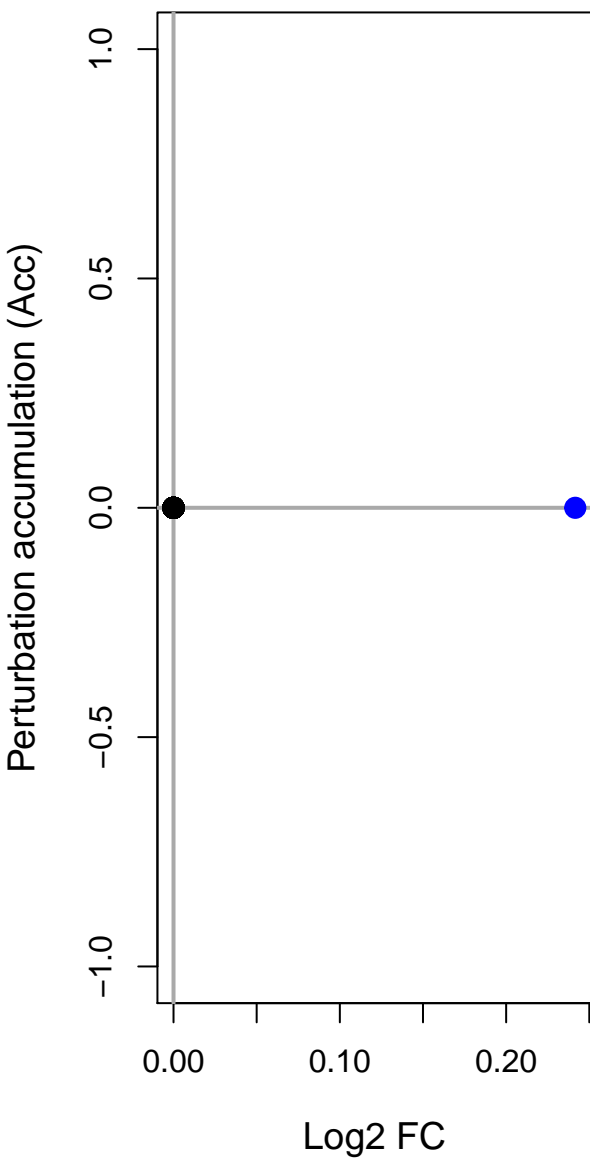
pathway ID=04740



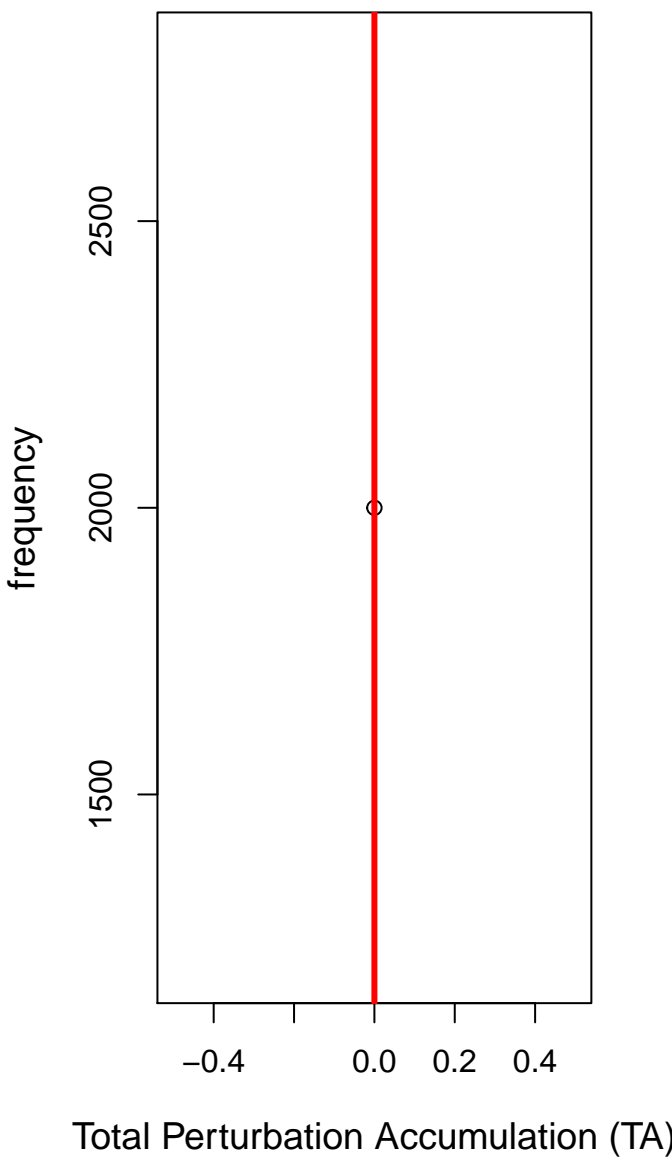
pathway ID=04740 P PERT=0.427



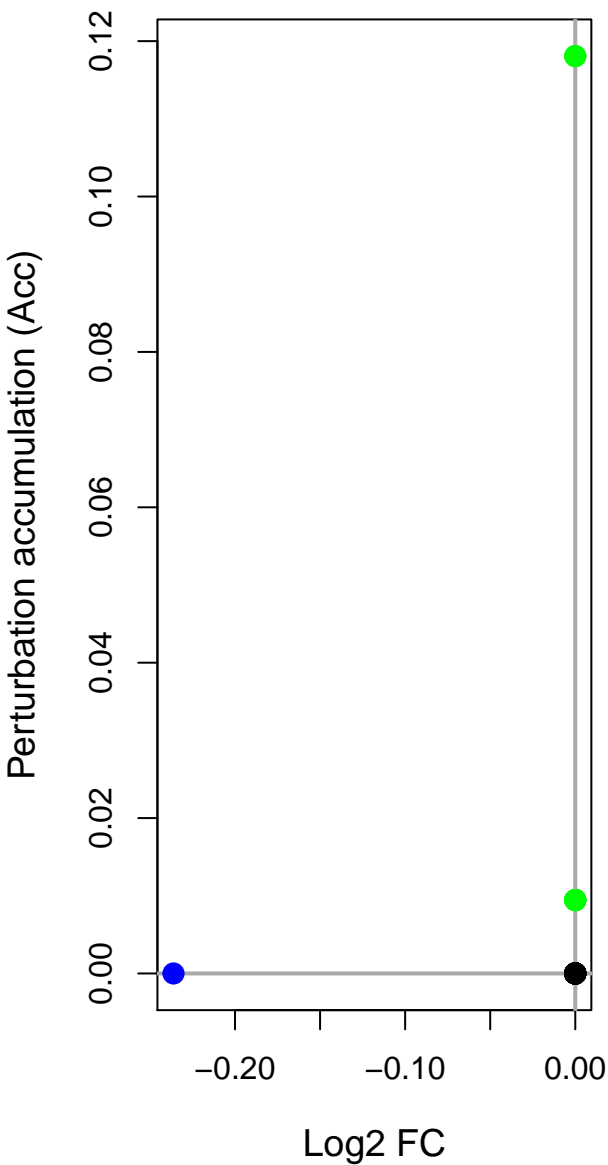
pathway ID=04742



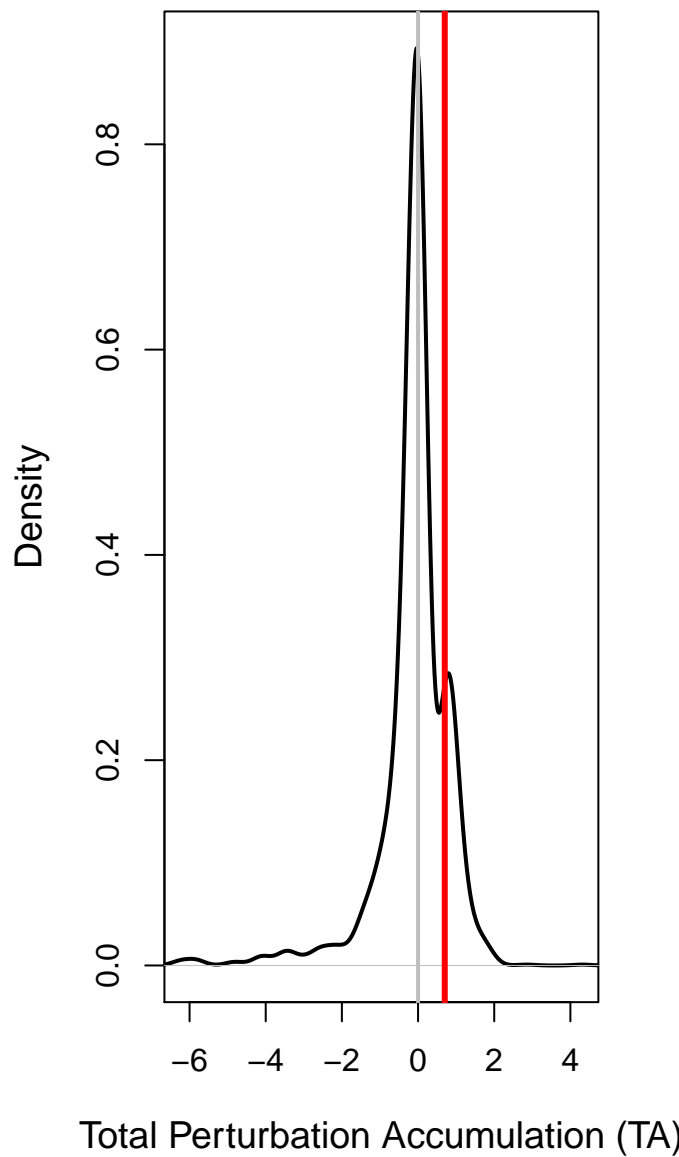
pathway ID=04742 P PERT=NA



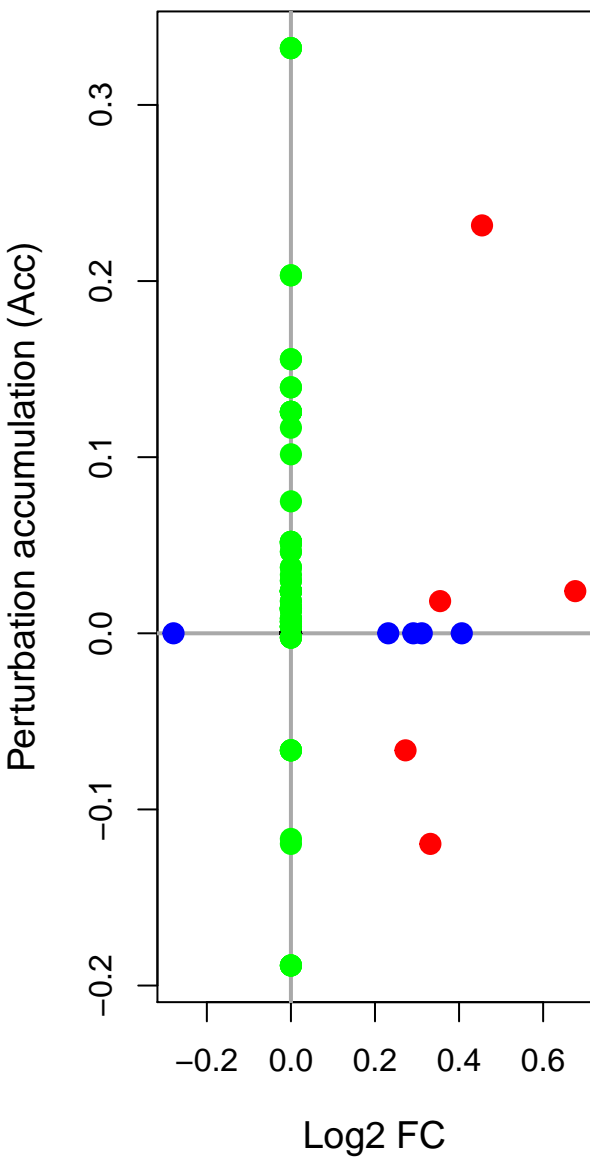
pathway ID=04744



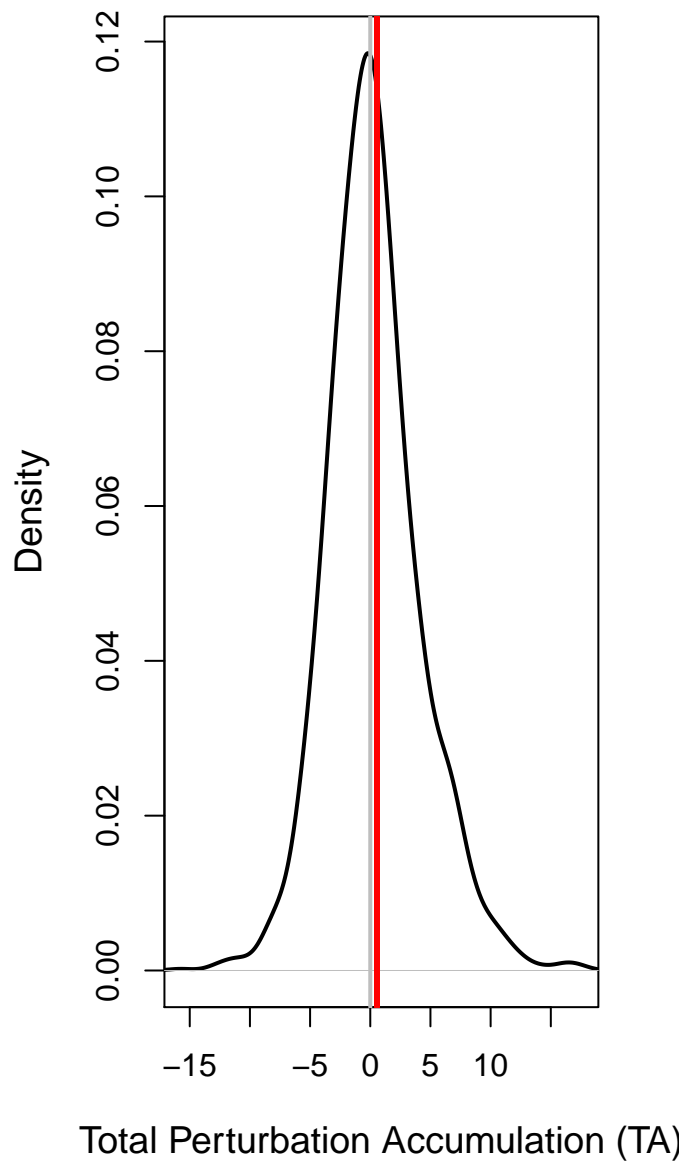
pathway ID=04744 P PERT=0.406



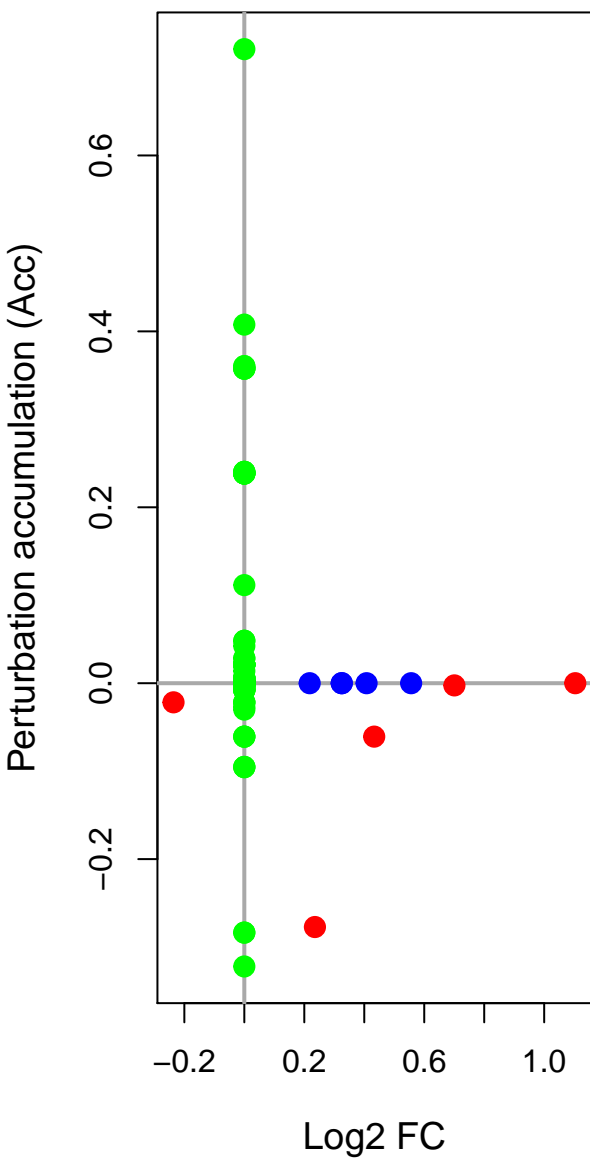
pathway ID=04810



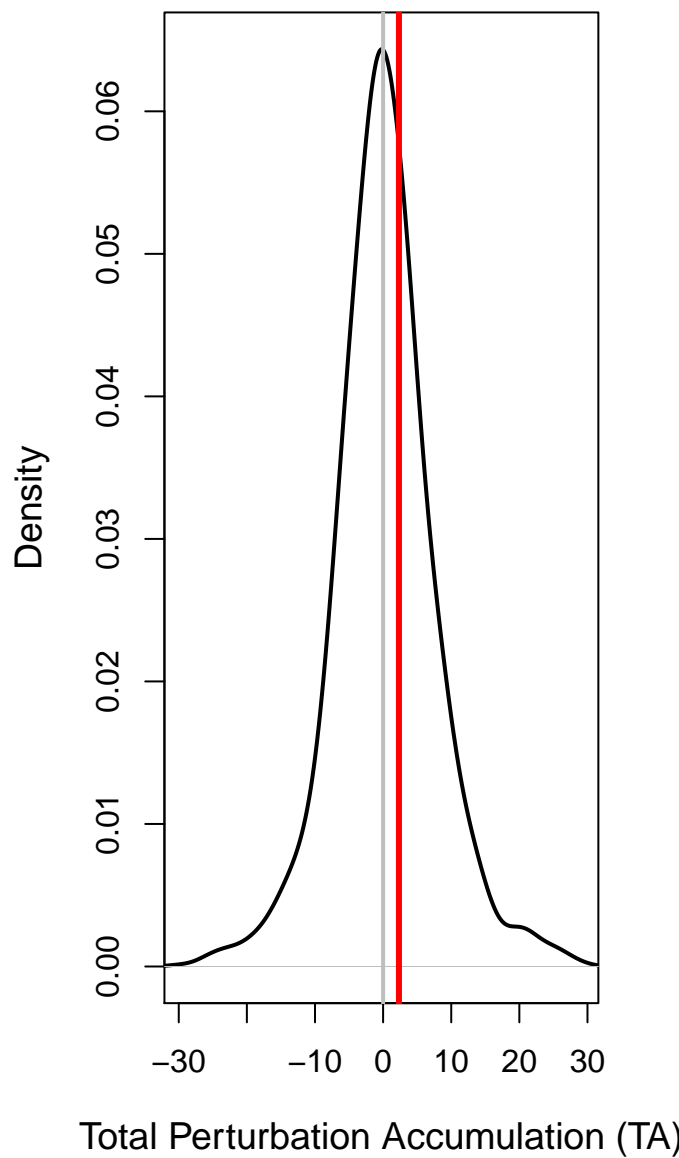
pathway ID=04810 P PERT=0.858



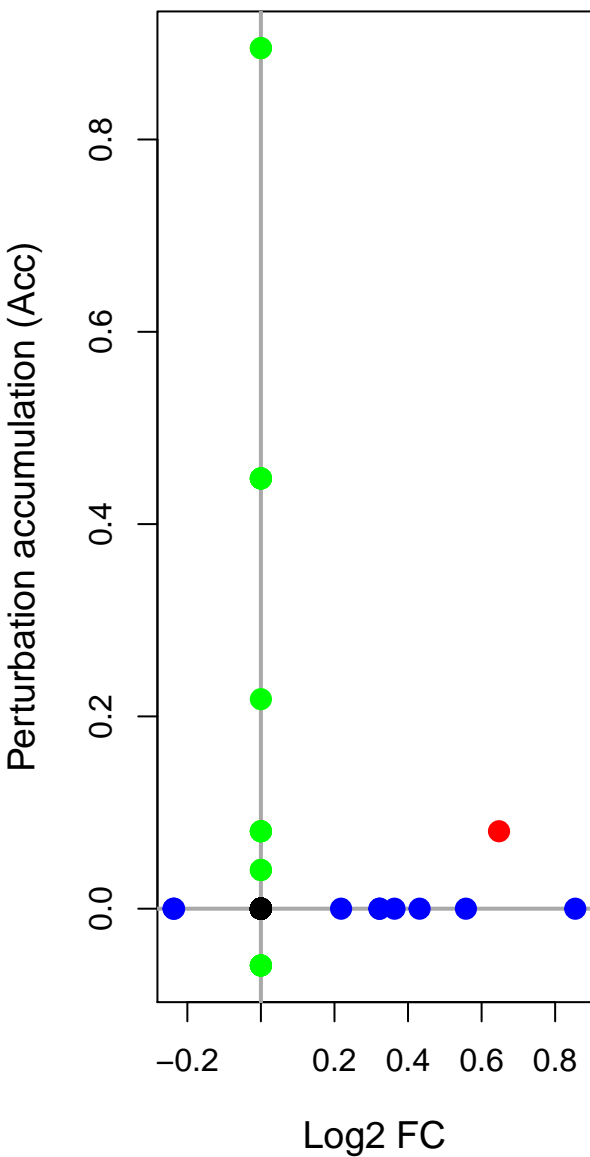
pathway ID=04910



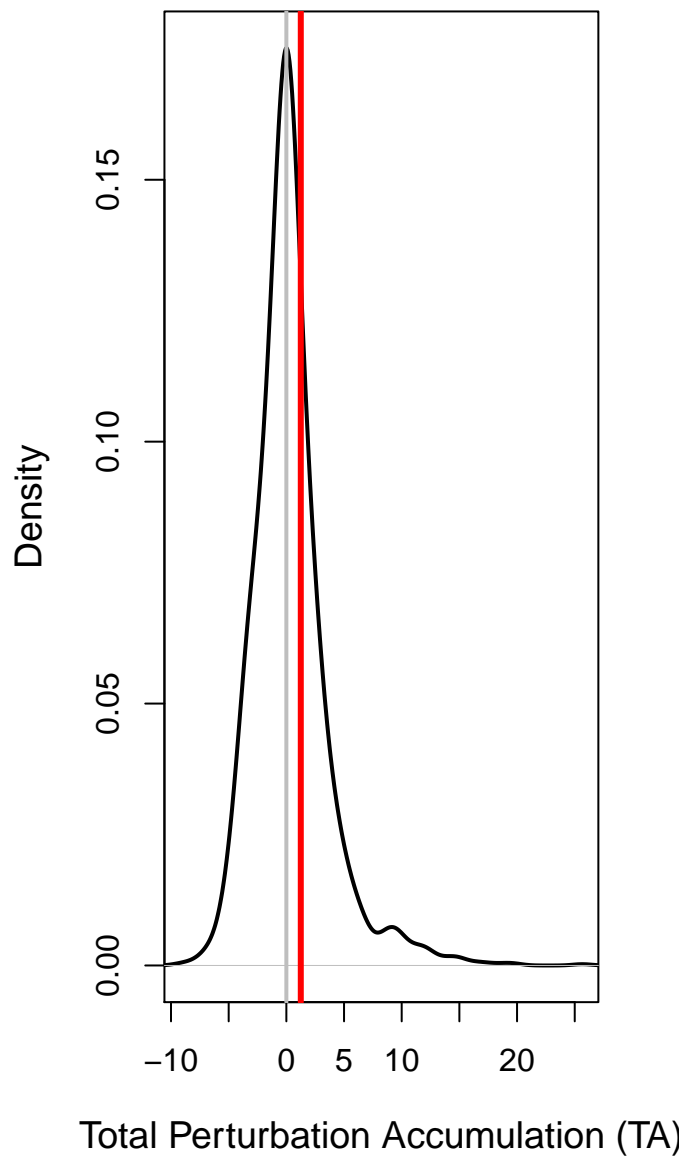
pathway ID=04910 P PERT=0.711



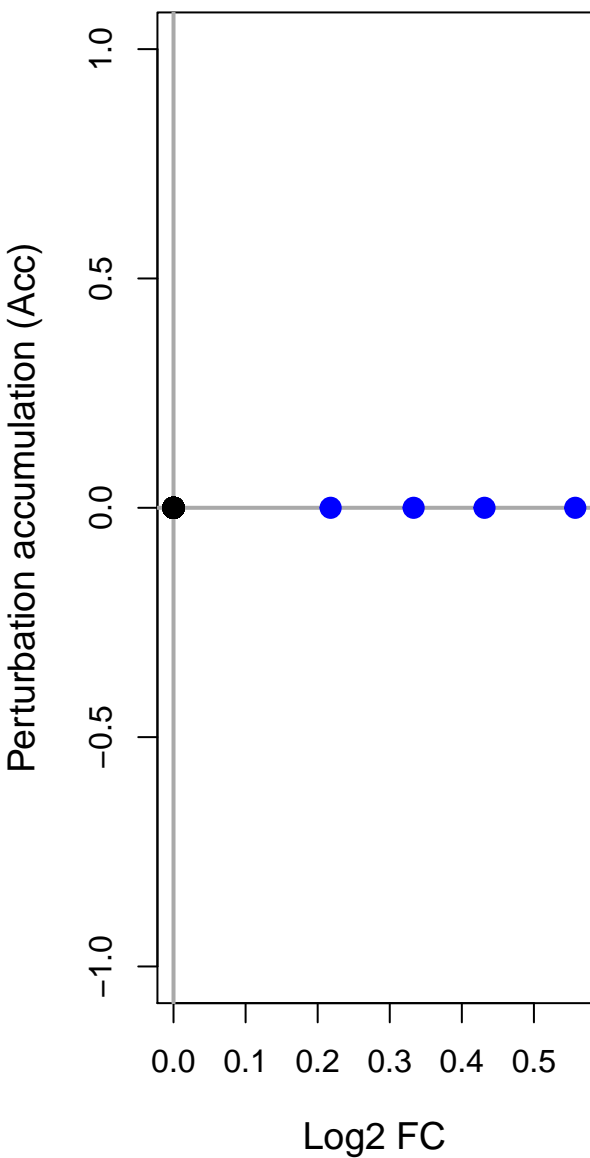
pathway ID=04912



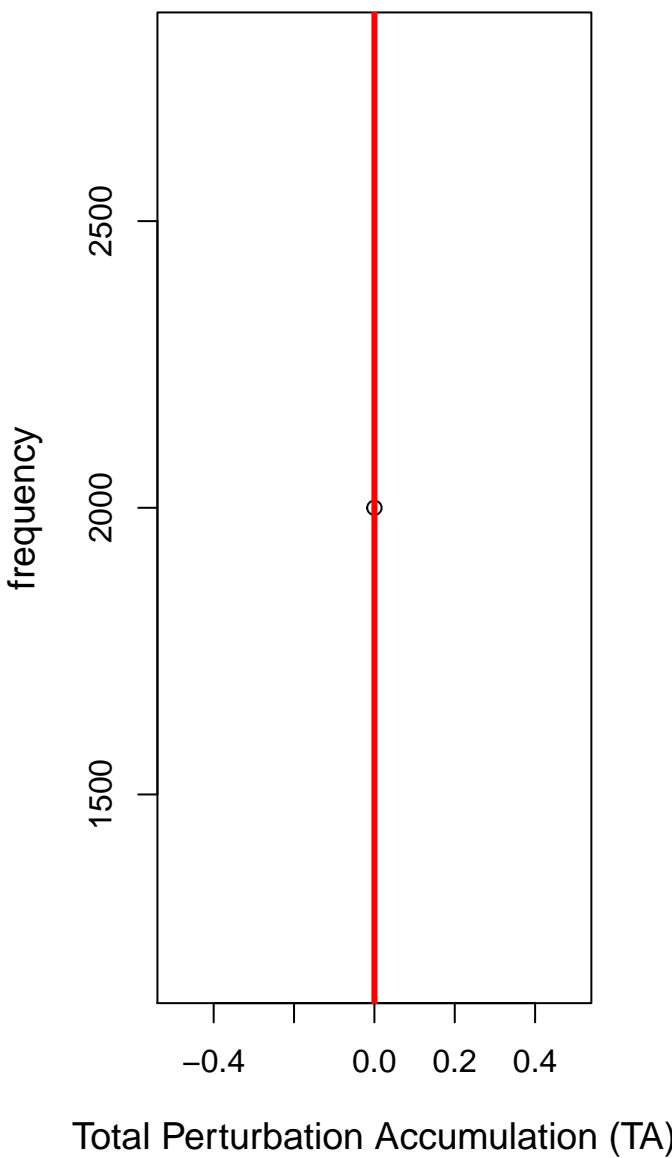
pathway ID=04912 P PERT=0.572



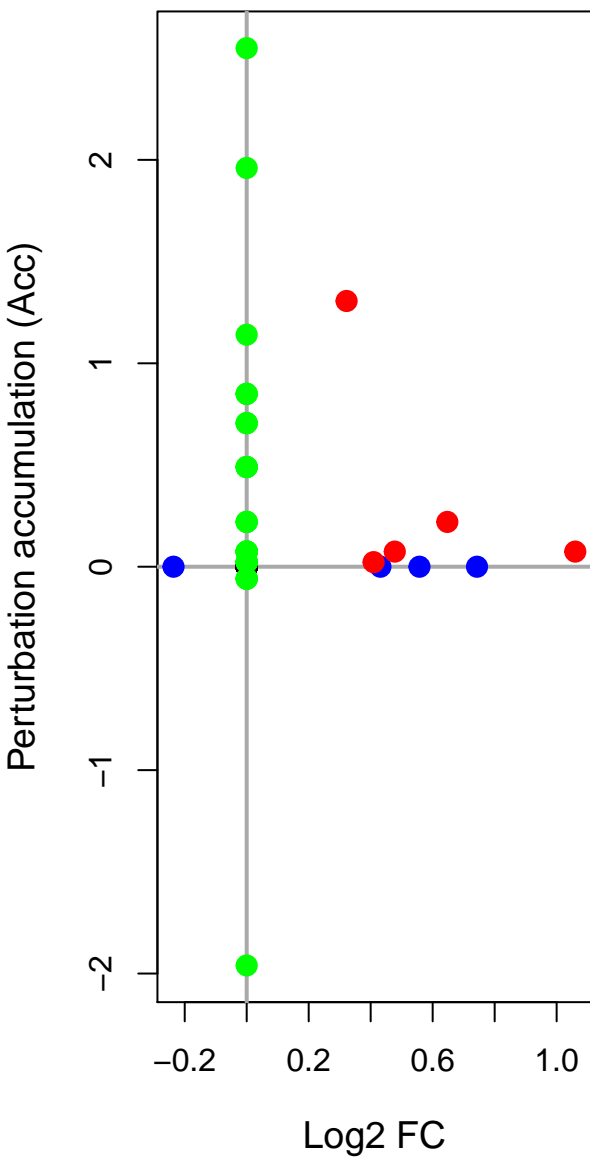
pathway ID=04914



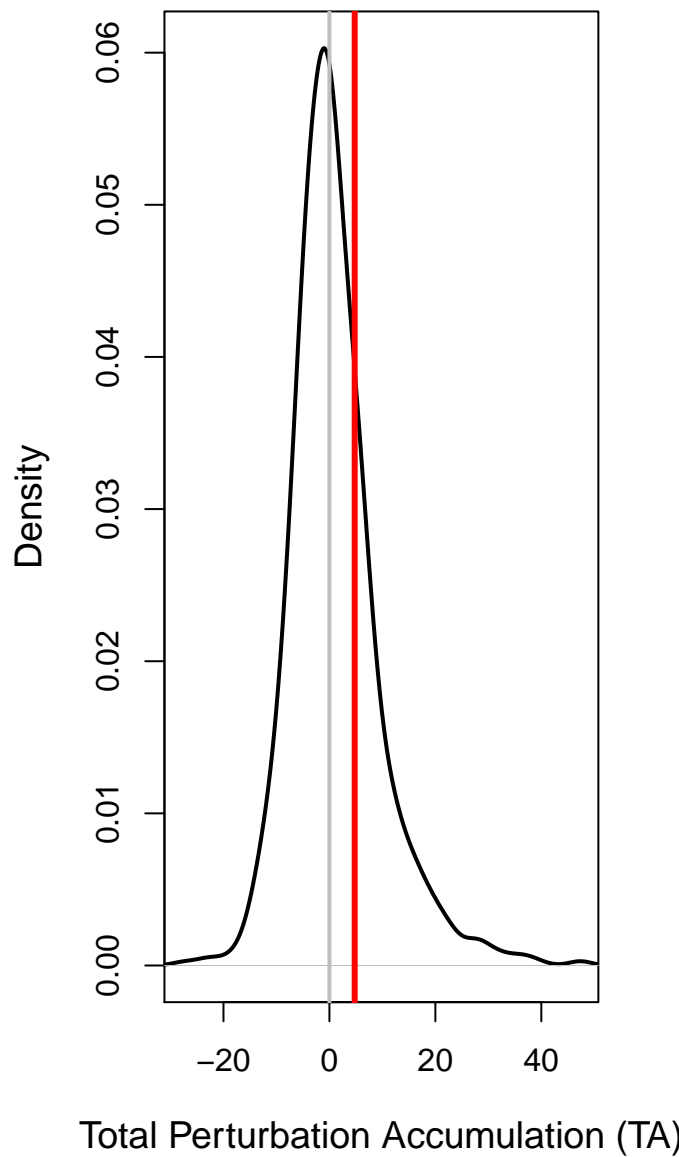
pathway ID=04914 P PERT=NA



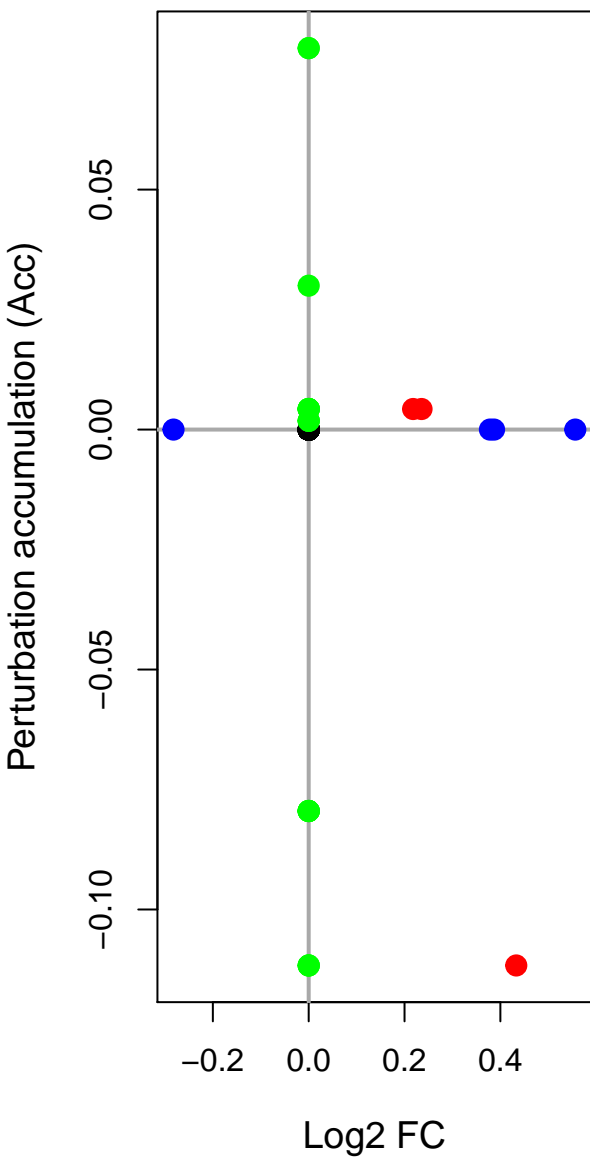
pathway ID=04916



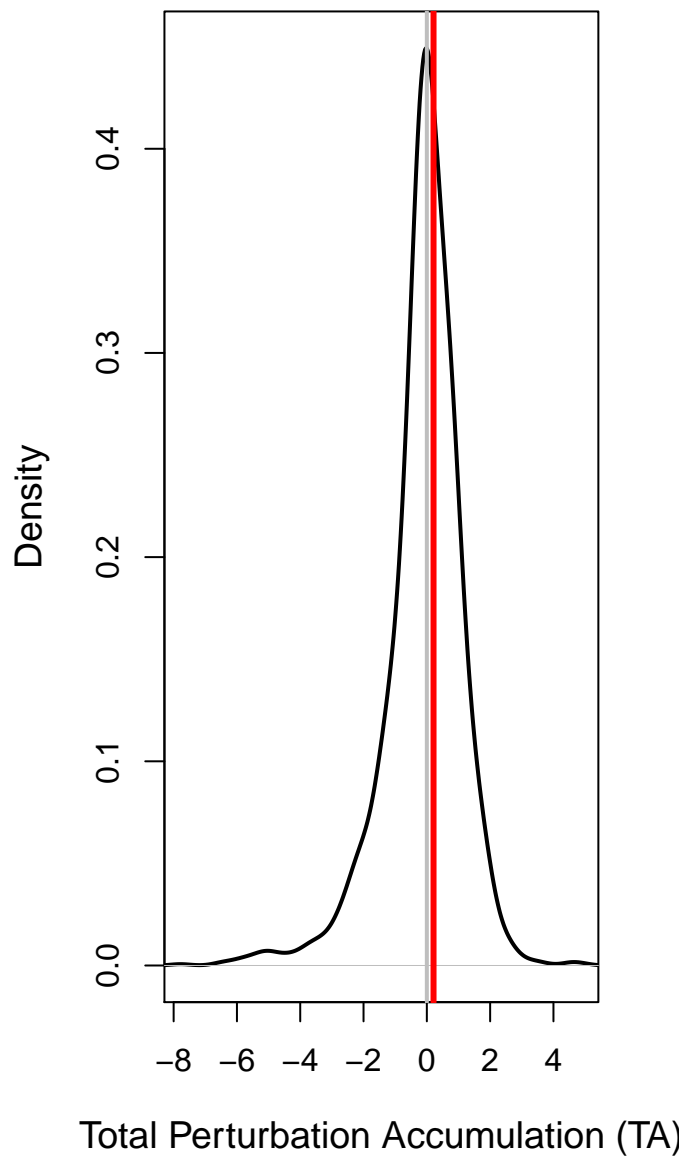
pathway ID=04916 P PERT=0.519



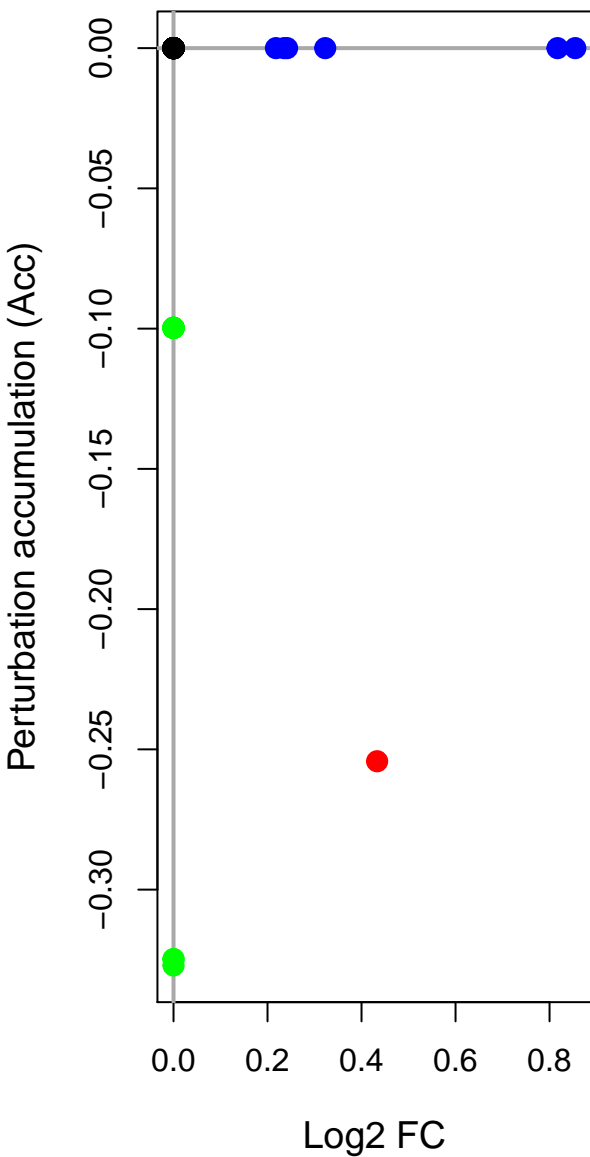
pathway ID=04920



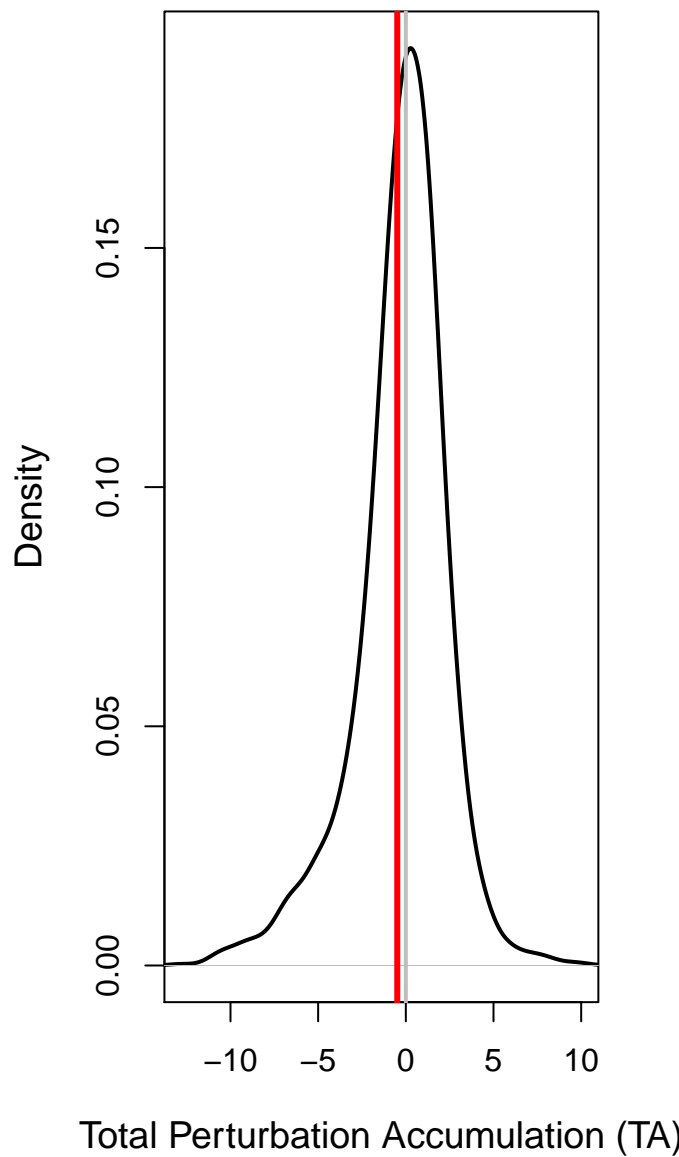
pathway ID=04920 P PERT=0.782



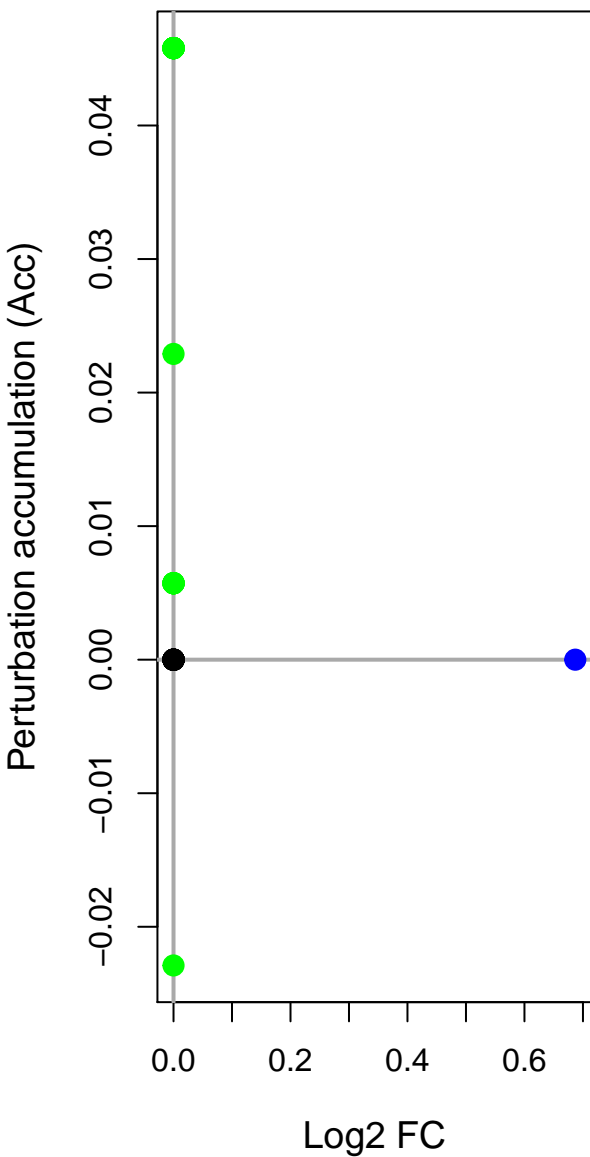
pathway ID=04930



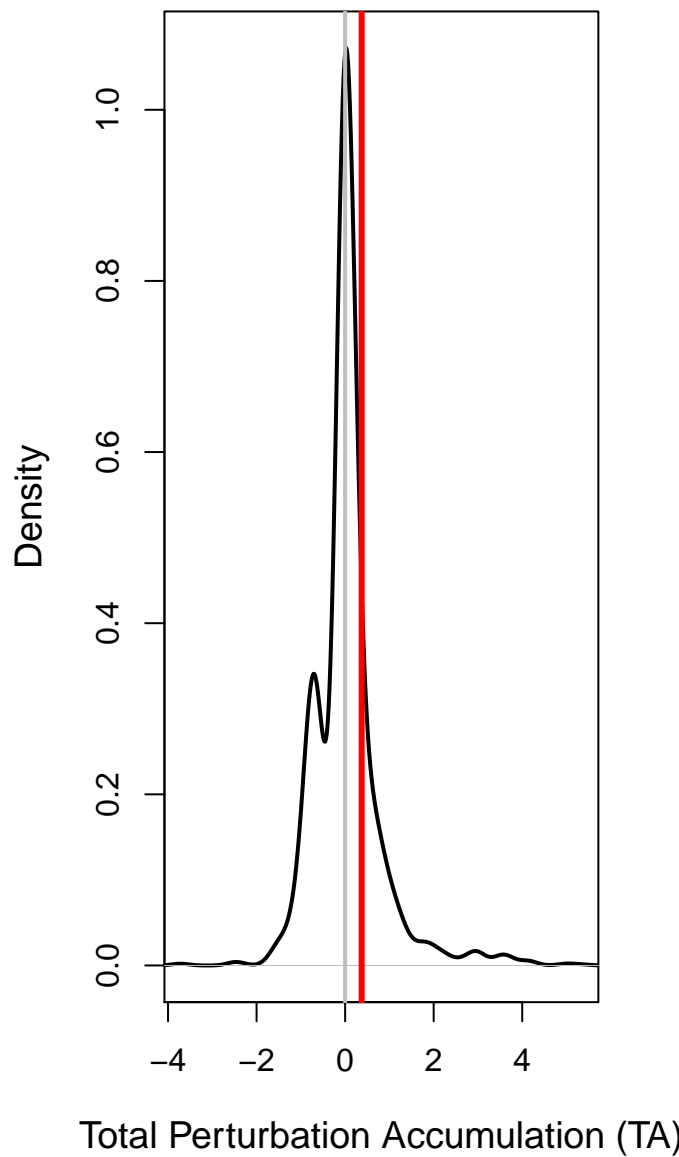
pathway ID=04930 P PERT=0.8



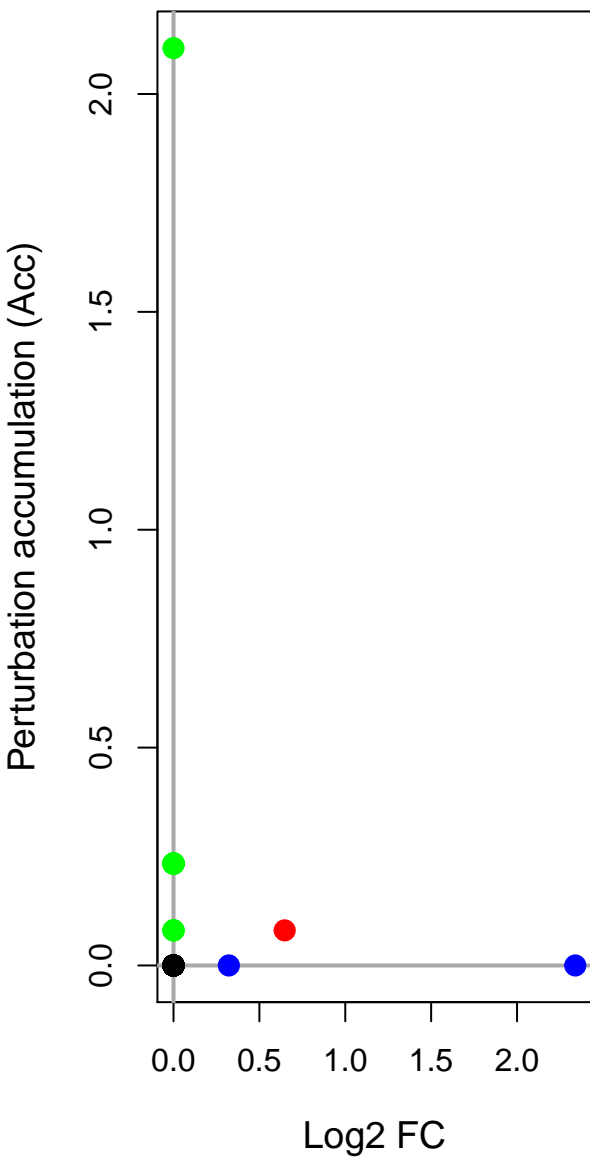
pathway ID=04960



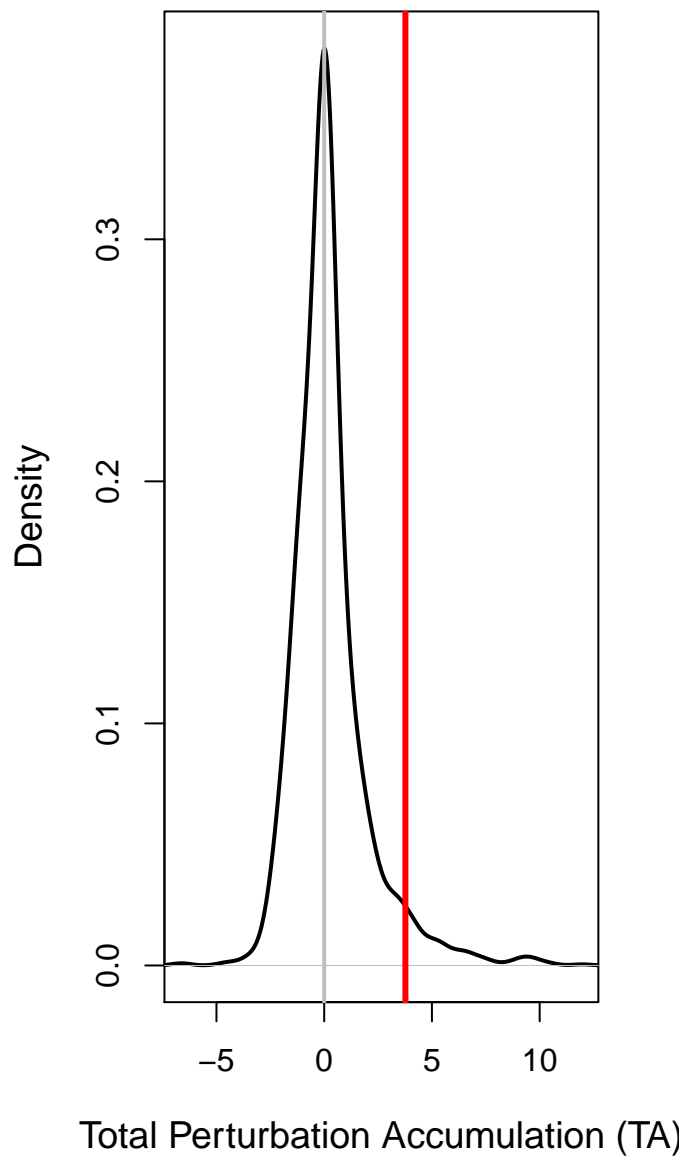
pathway ID=04960 P PERT=0.361



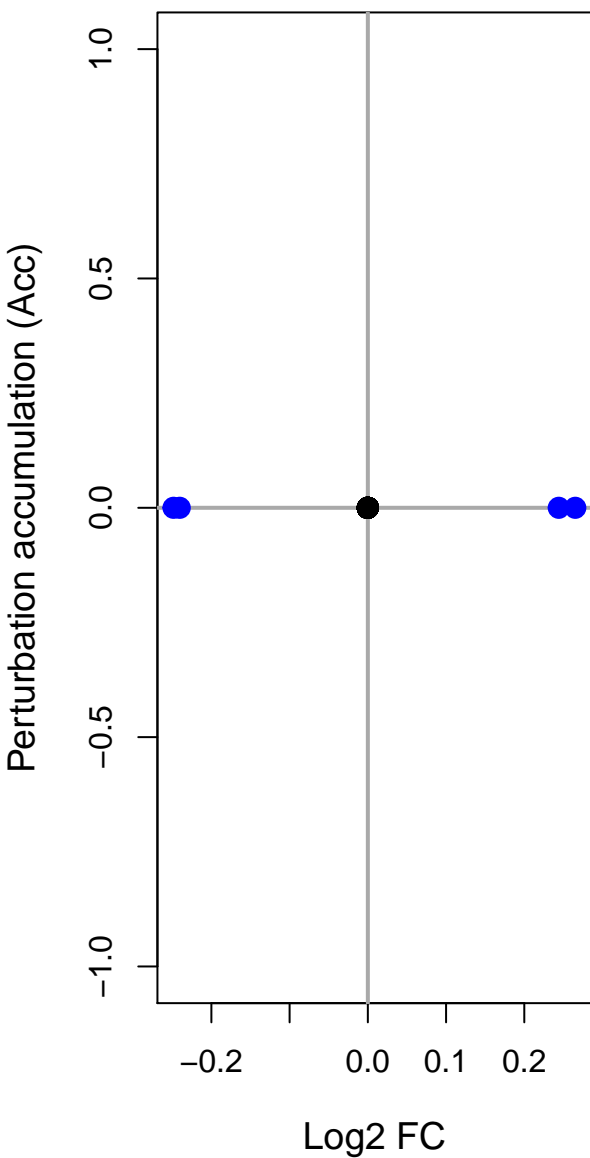
pathway ID=04961



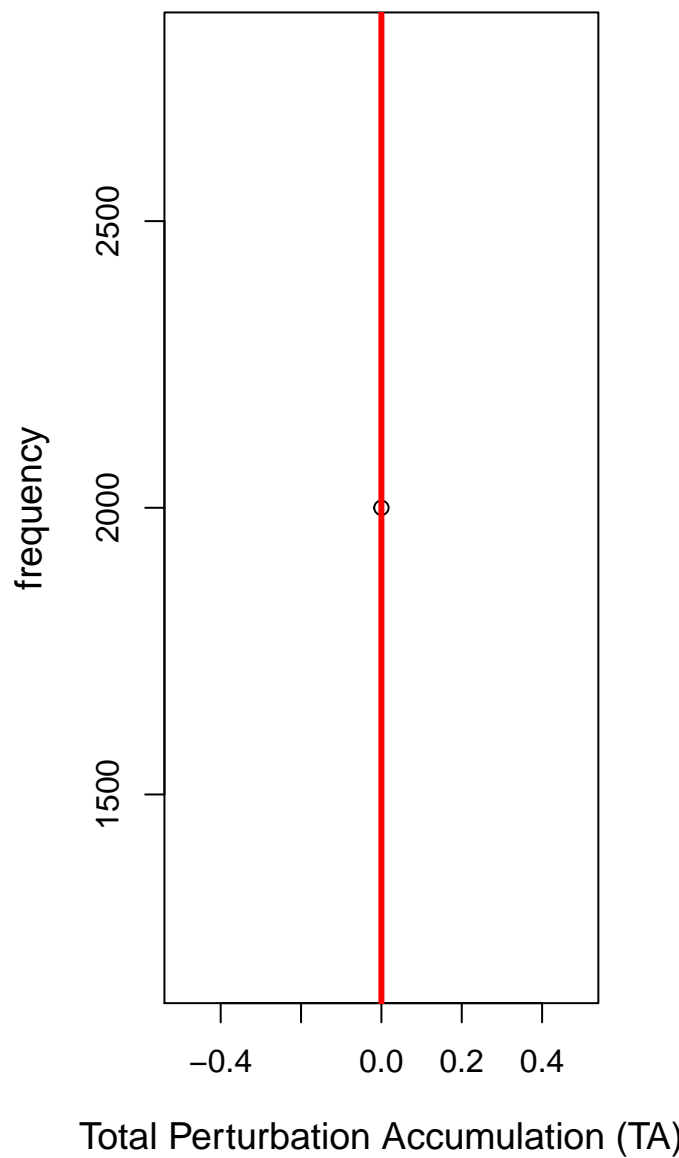
pathway ID=04961 P PERT=0.088



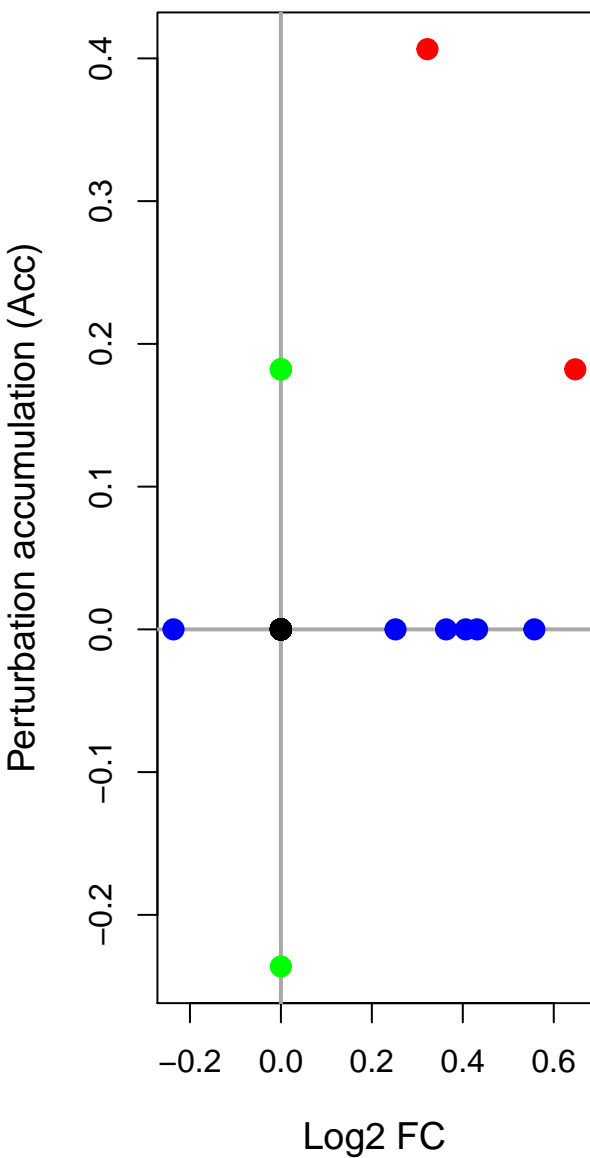
pathway ID=04962



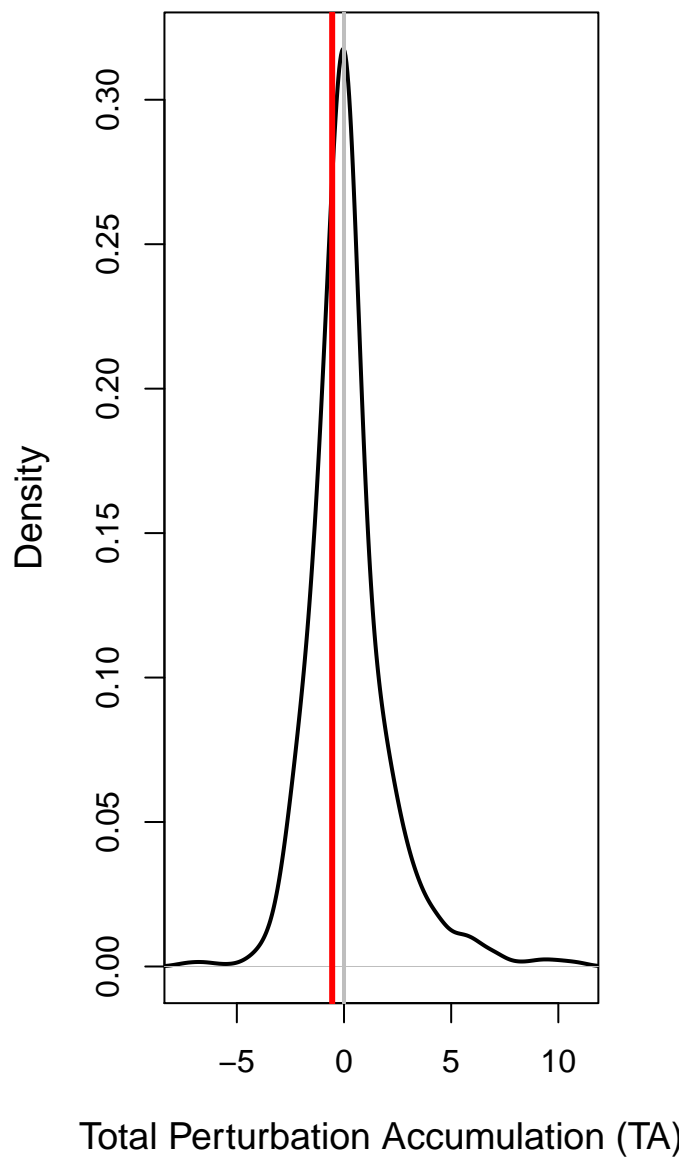
pathway ID=04962 P PERT=NA



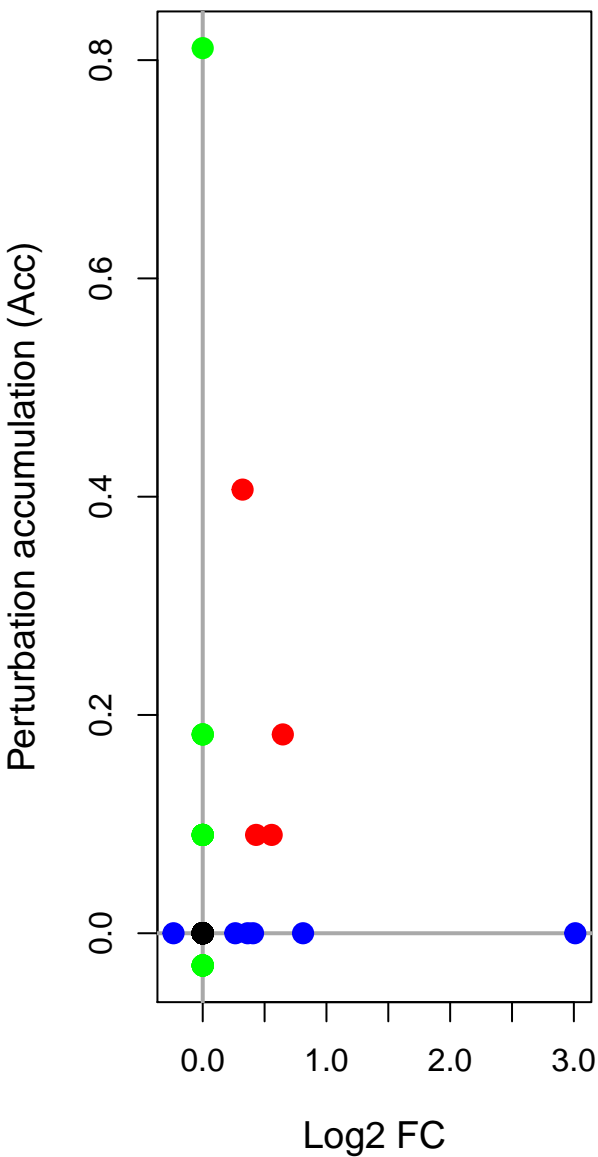
pathway ID=04970



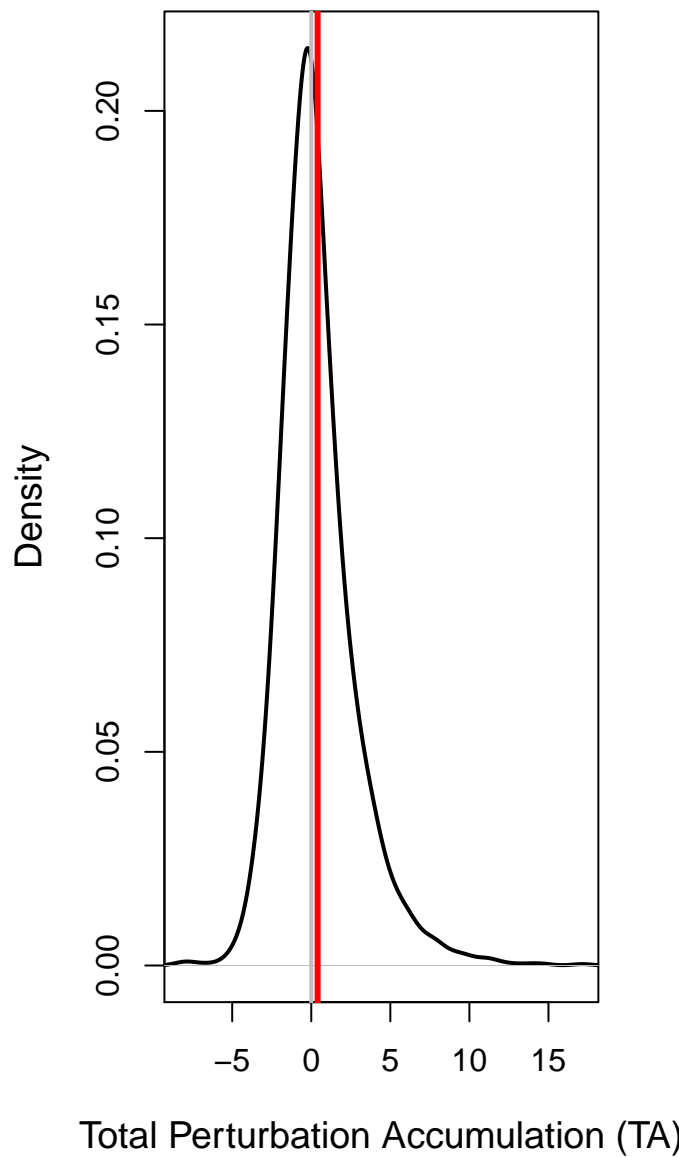
pathway ID=04970 P PERT=0.622



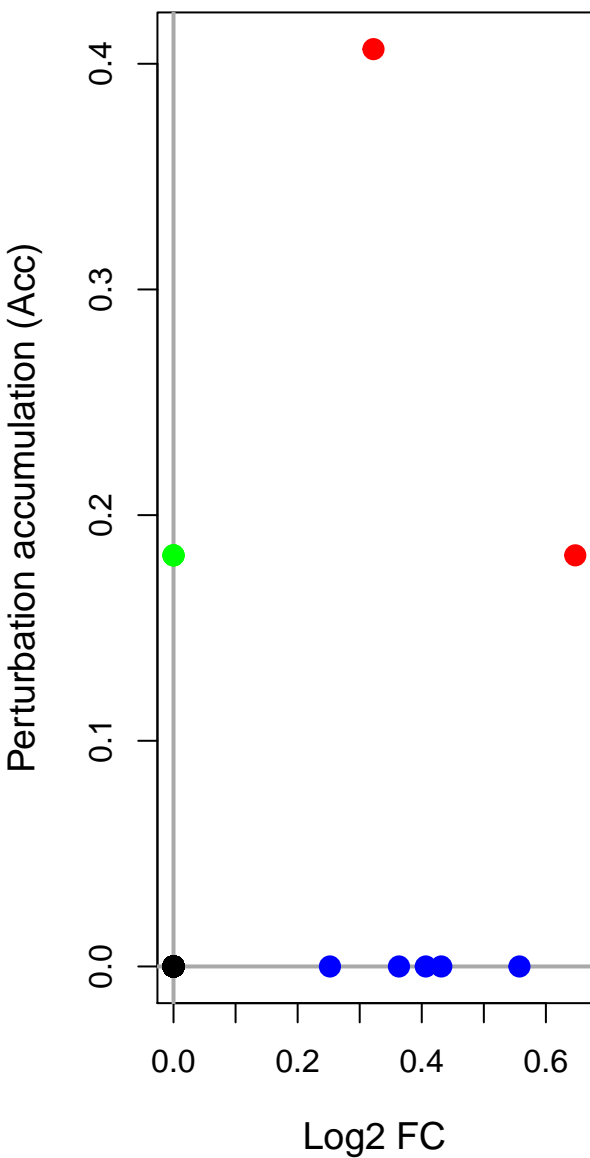
pathway ID=04971



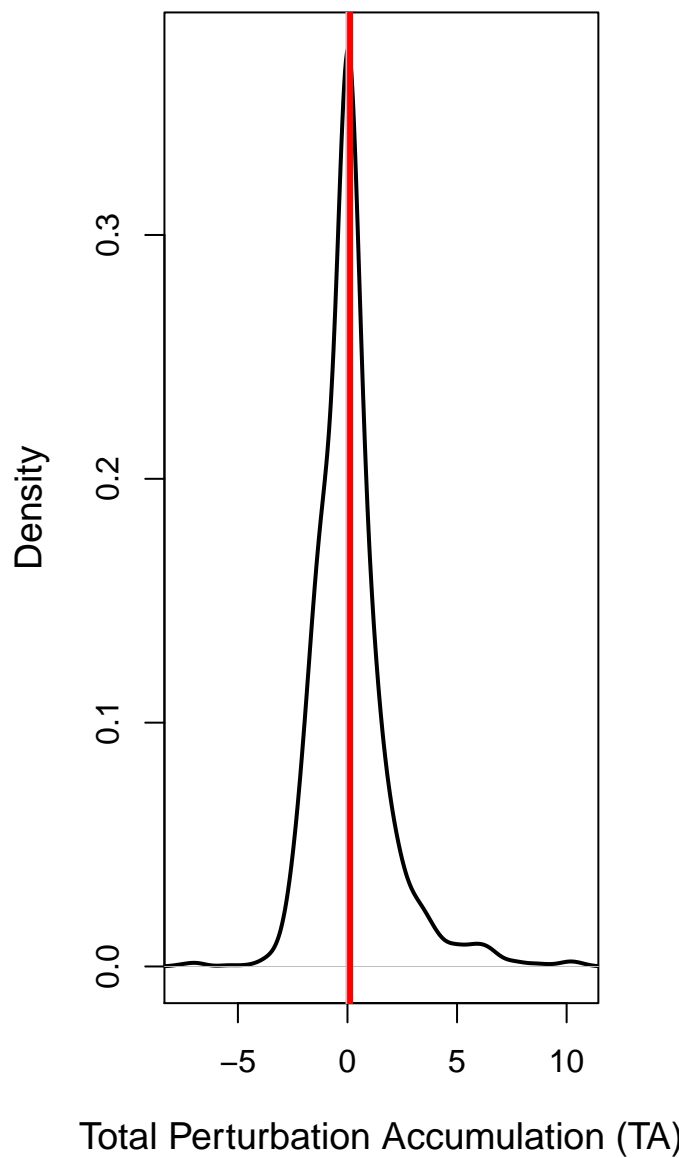
pathway ID=04971 P PERT=0.829



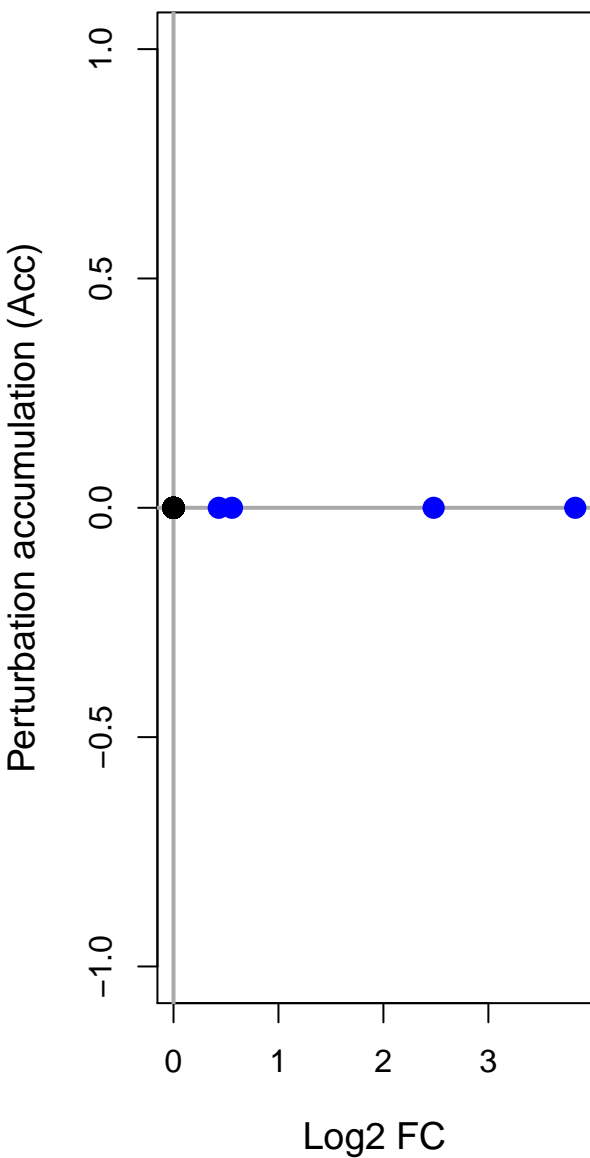
pathway ID=04972



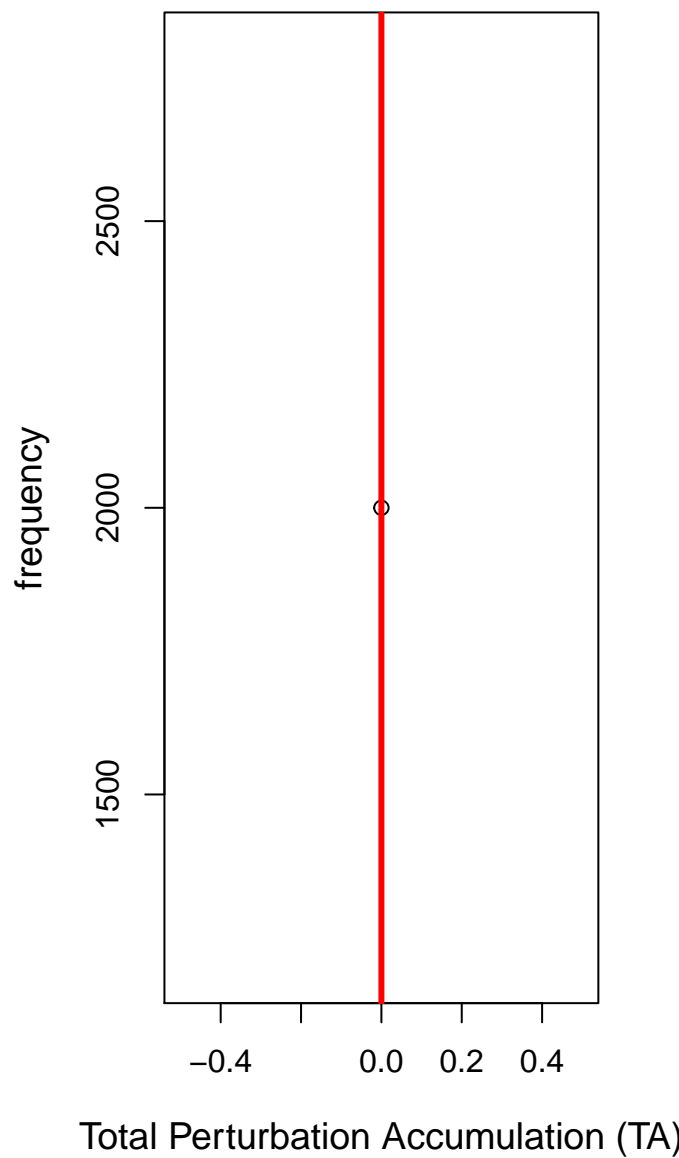
pathway ID=04972 P PERT=0.846



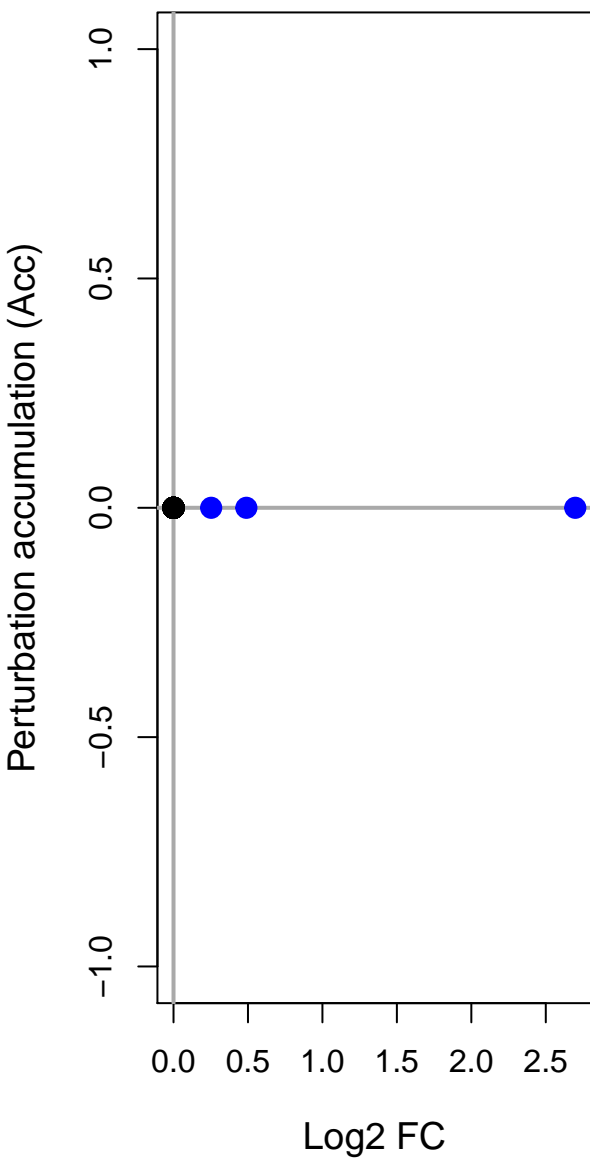
pathway ID=04976



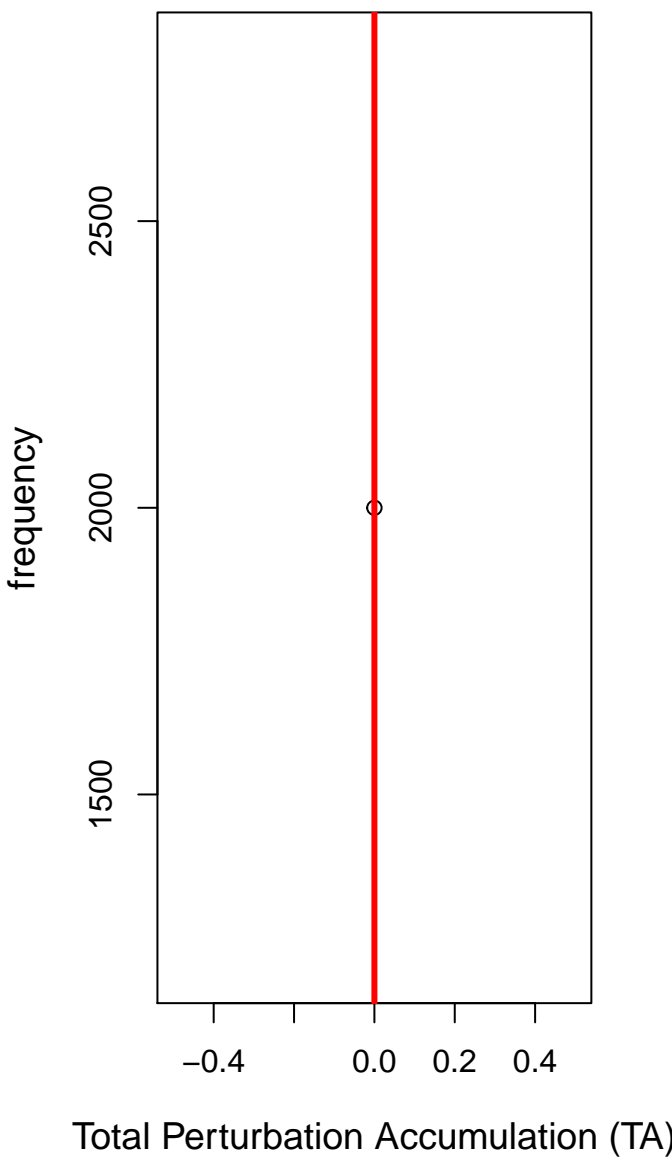
pathway ID=04976 P PERT=NA



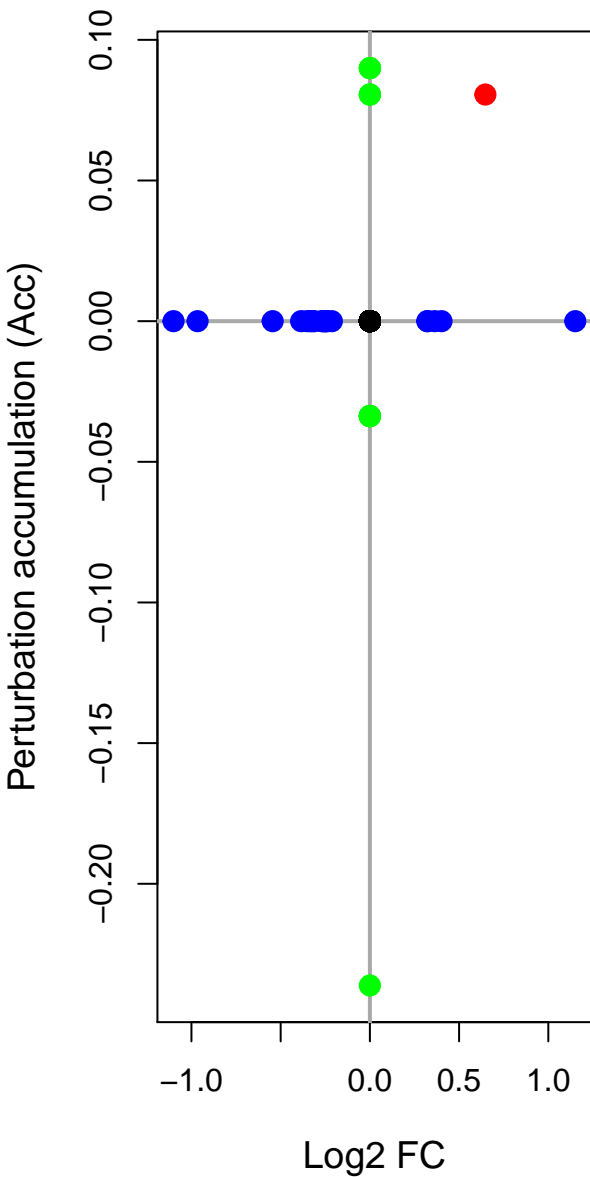
pathway ID=04978



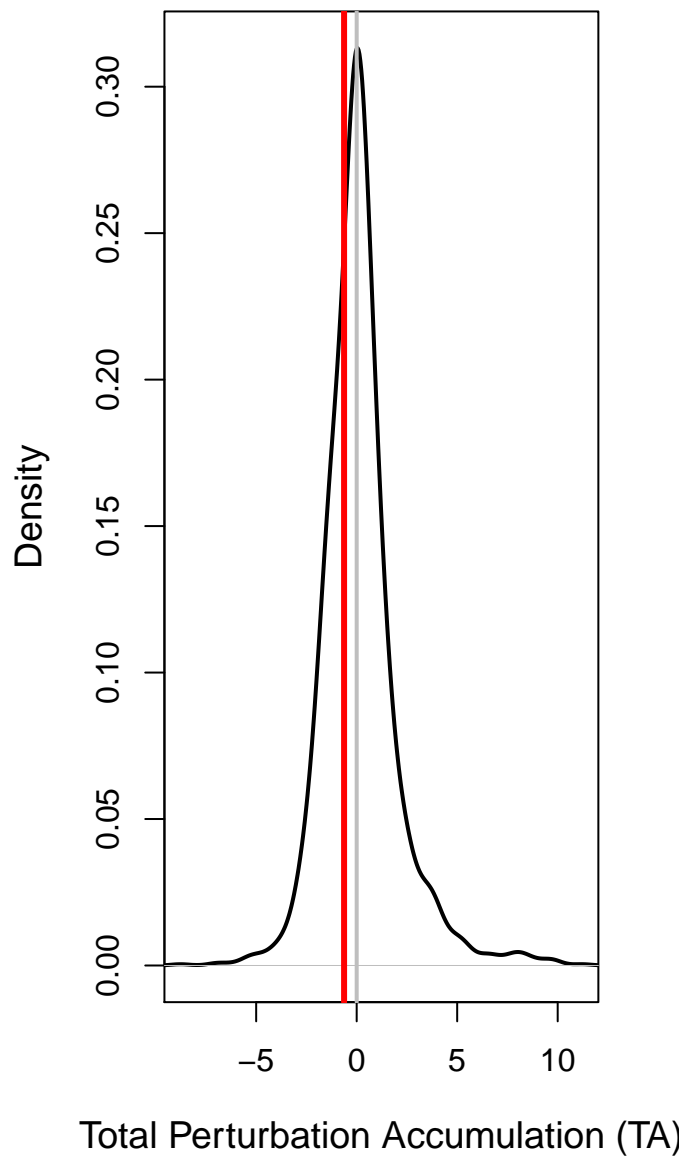
pathway ID=04978 P PERT=NA



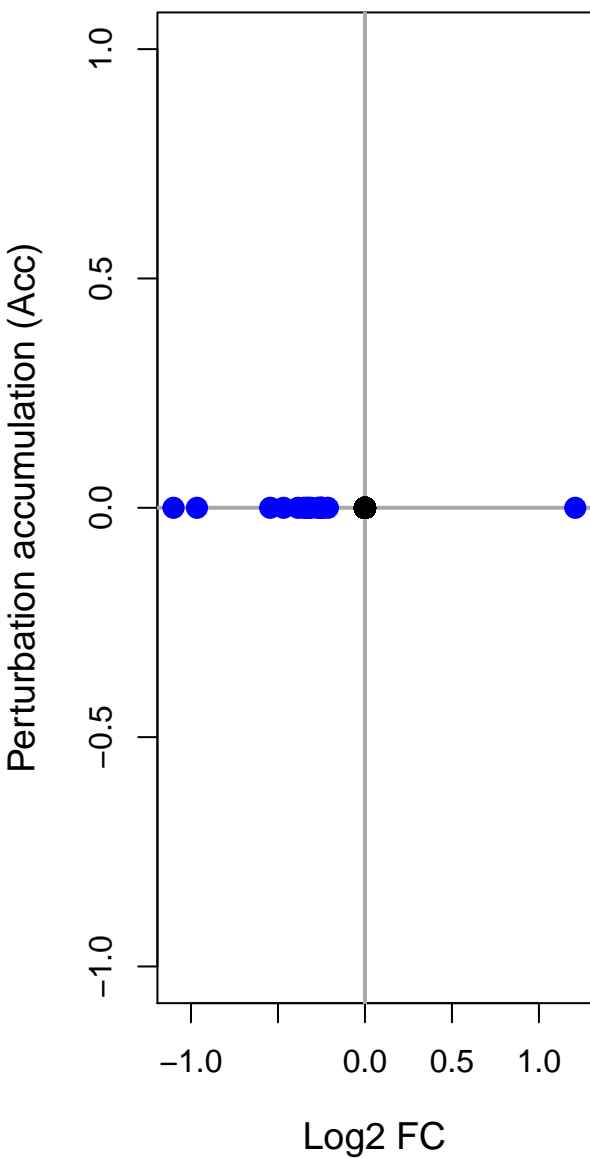
pathway ID=05010



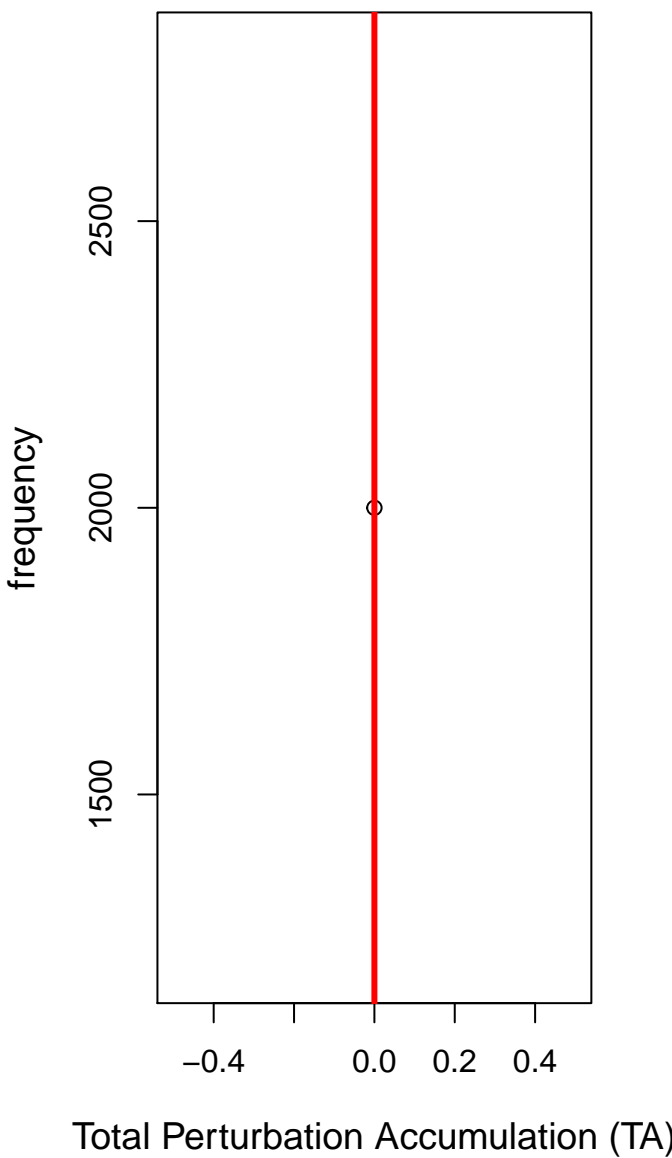
pathway ID=05010 P PERT=0.592



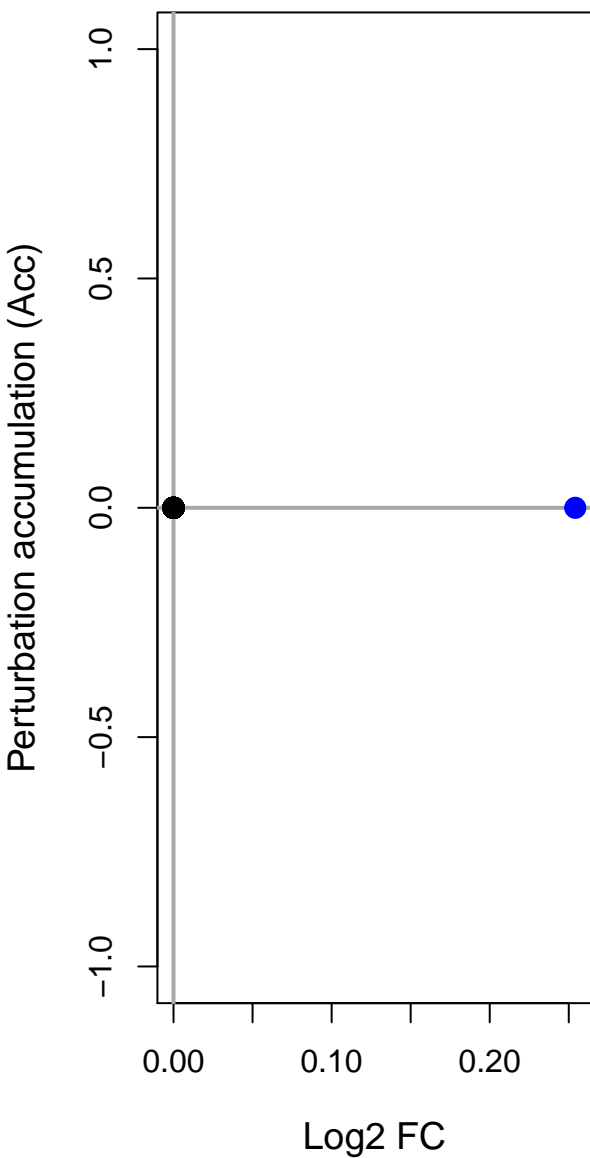
pathway ID=05012



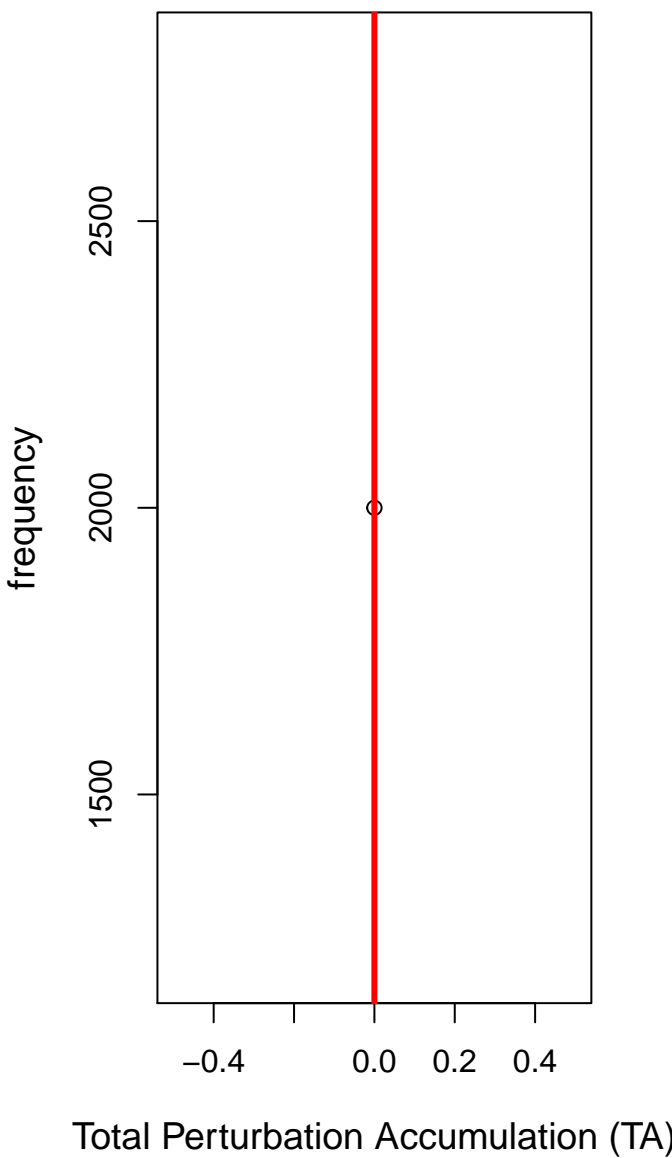
pathway ID=05012 P PERT=NA



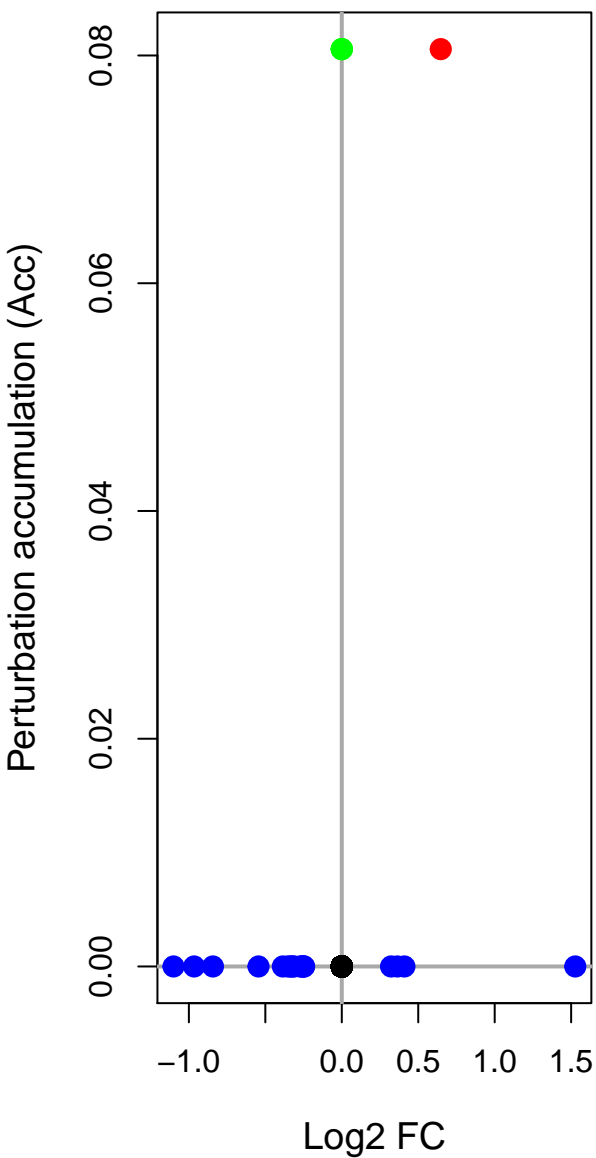
pathway ID=05014



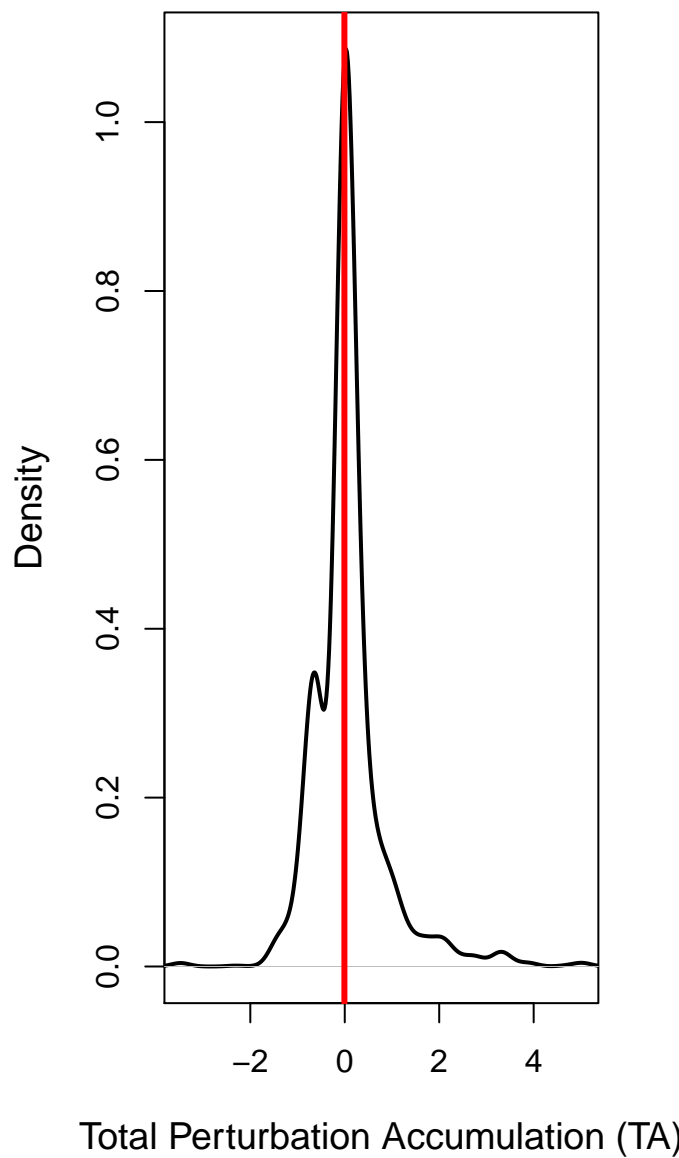
pathway ID=05014 P PERT=NA



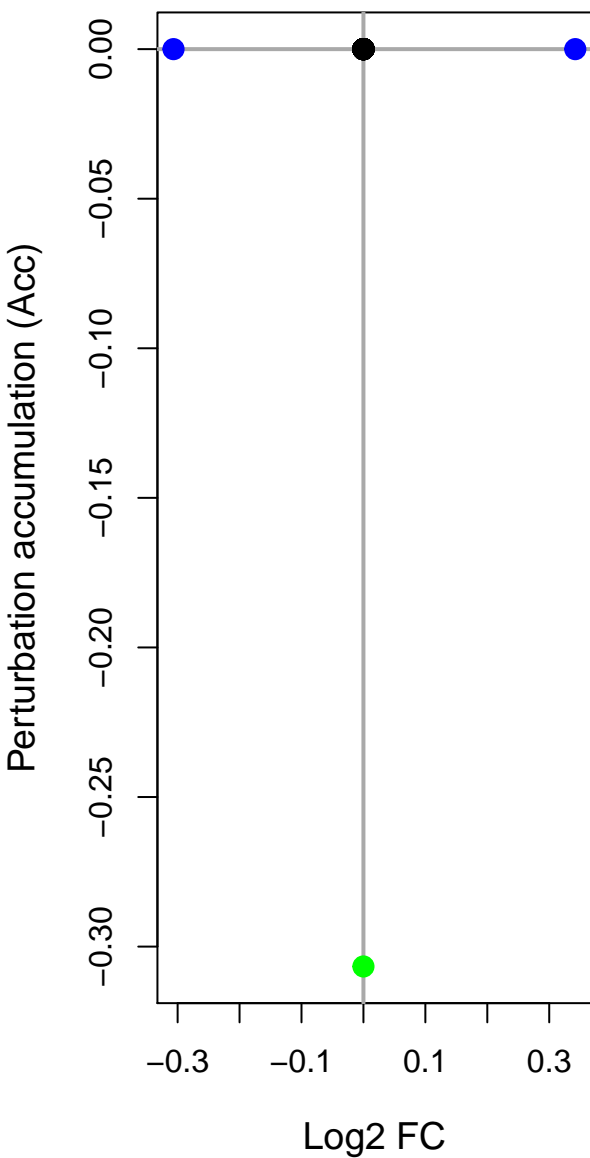
pathway ID=05016



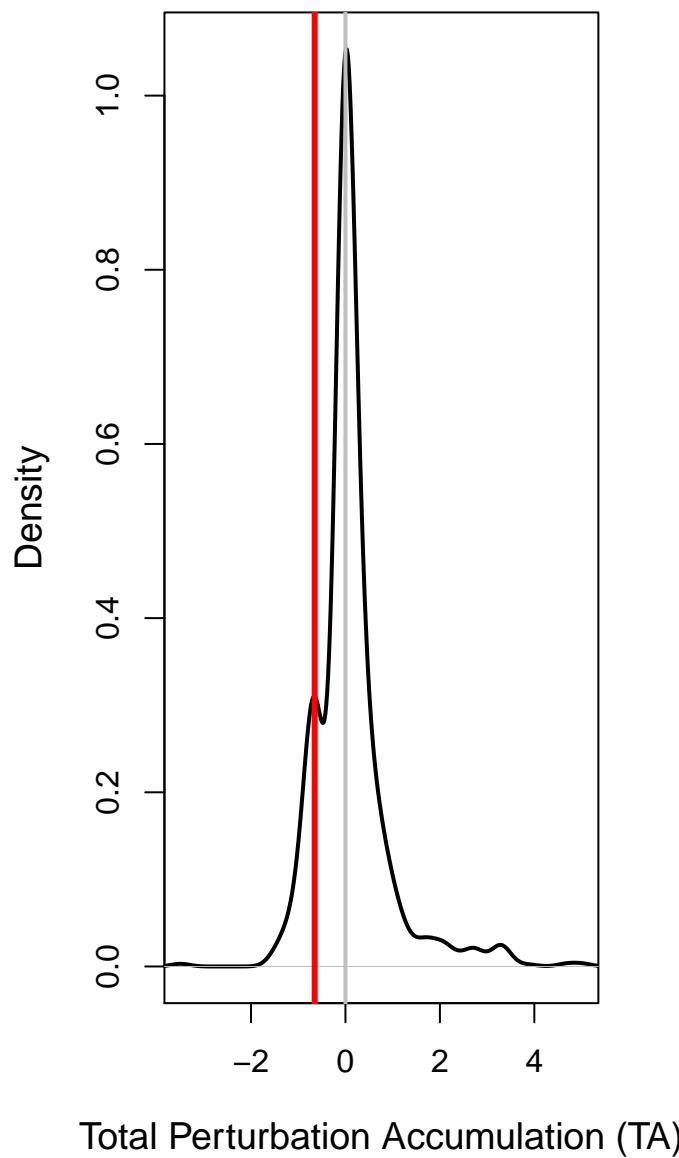
pathway ID=05016 P PERT=0.953



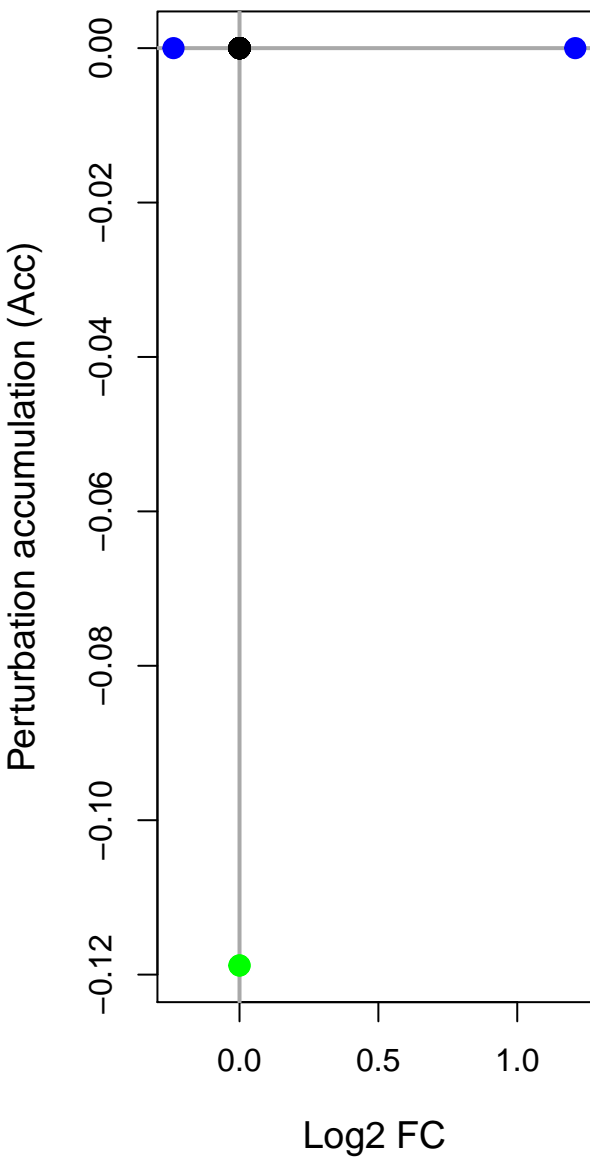
pathway ID=05020



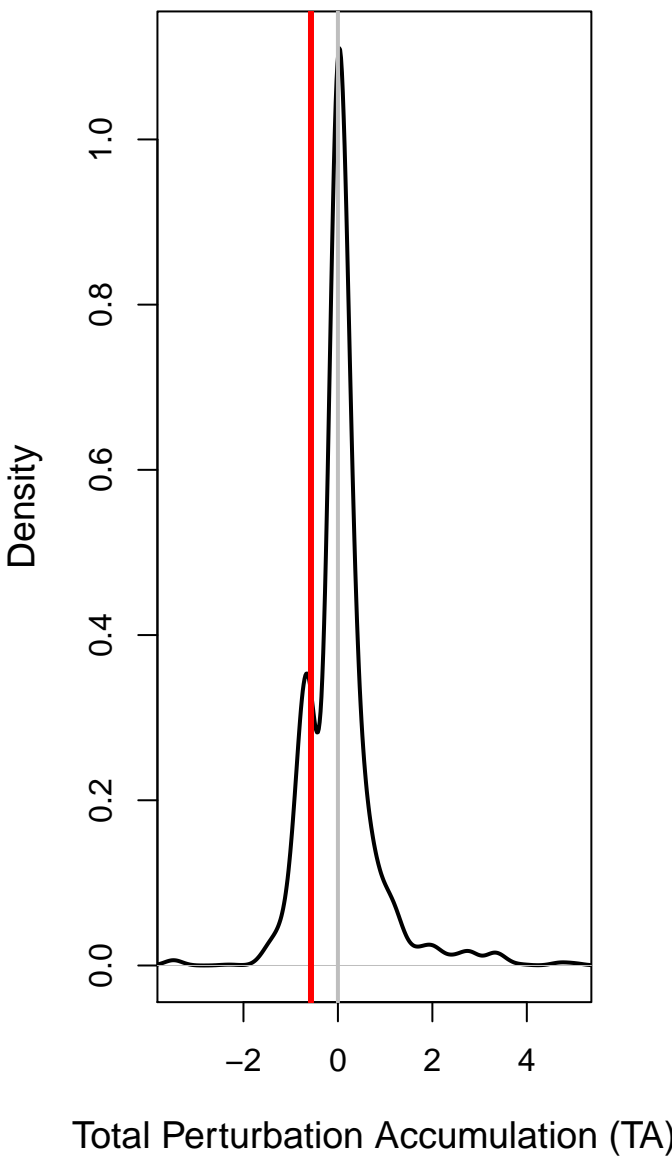
pathway ID=05020 P PERT=0.231



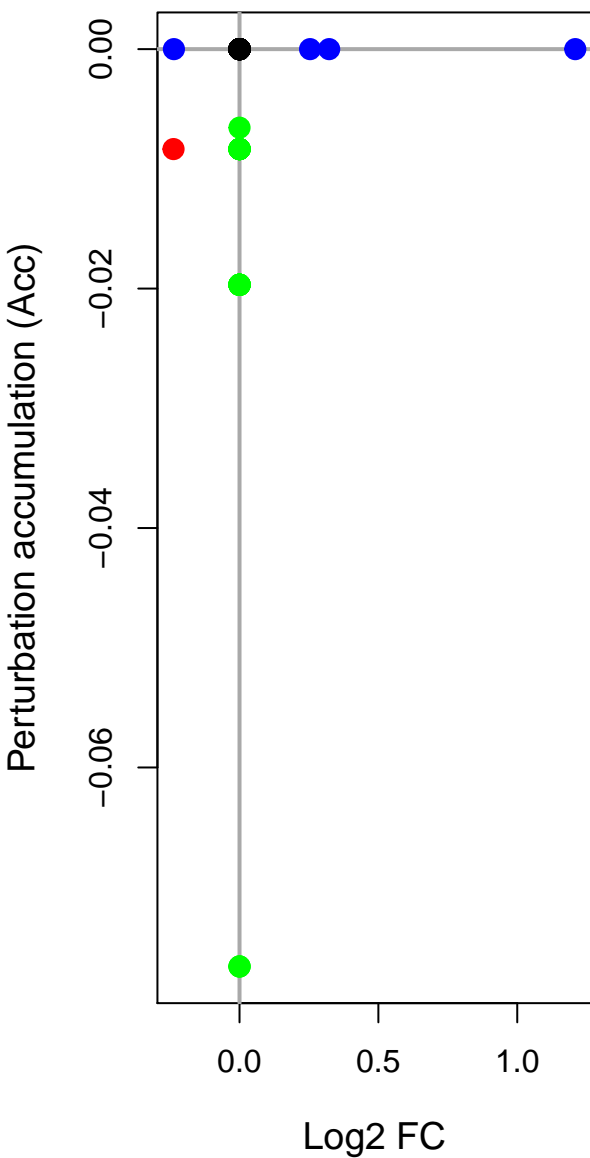
pathway ID=05030



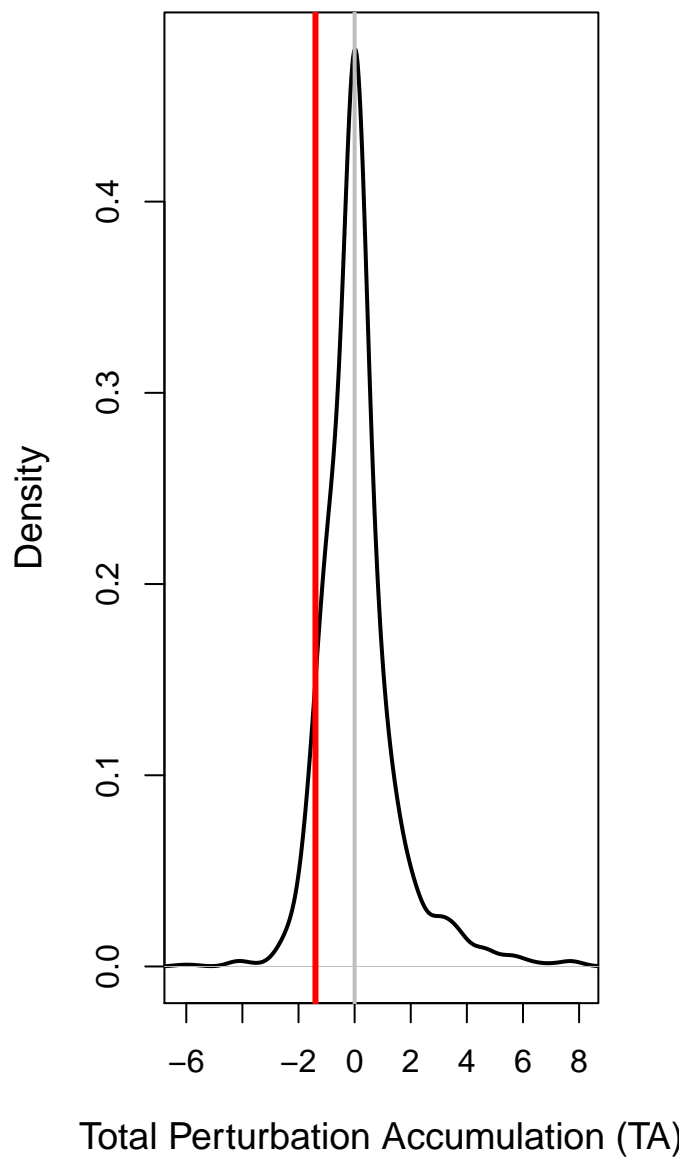
pathway ID=05030 P PERT=0.4



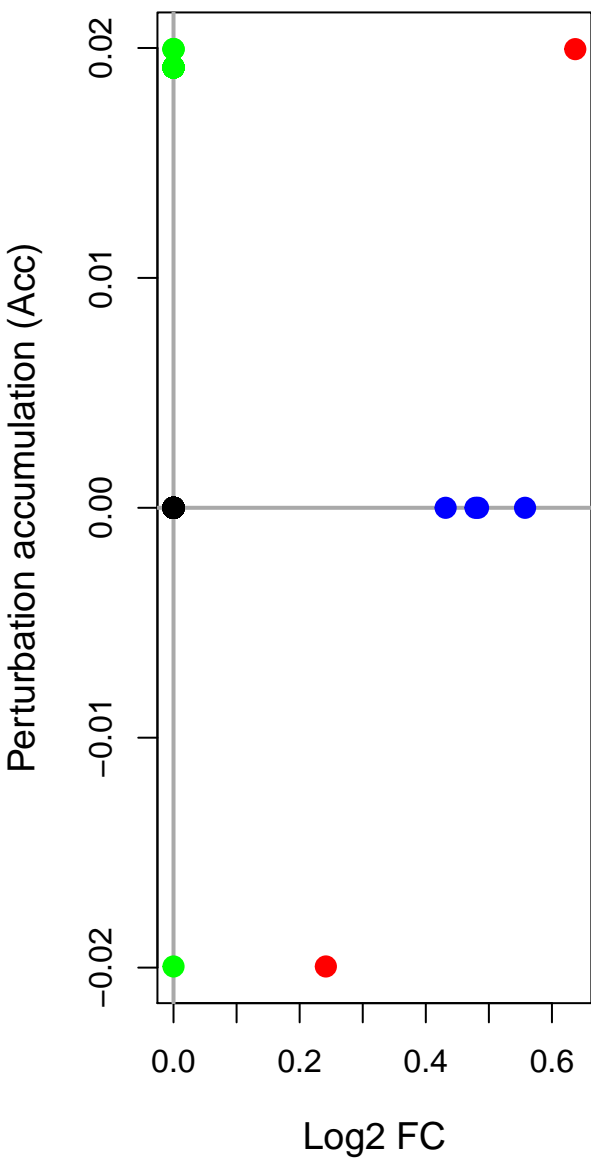
pathway ID=05031



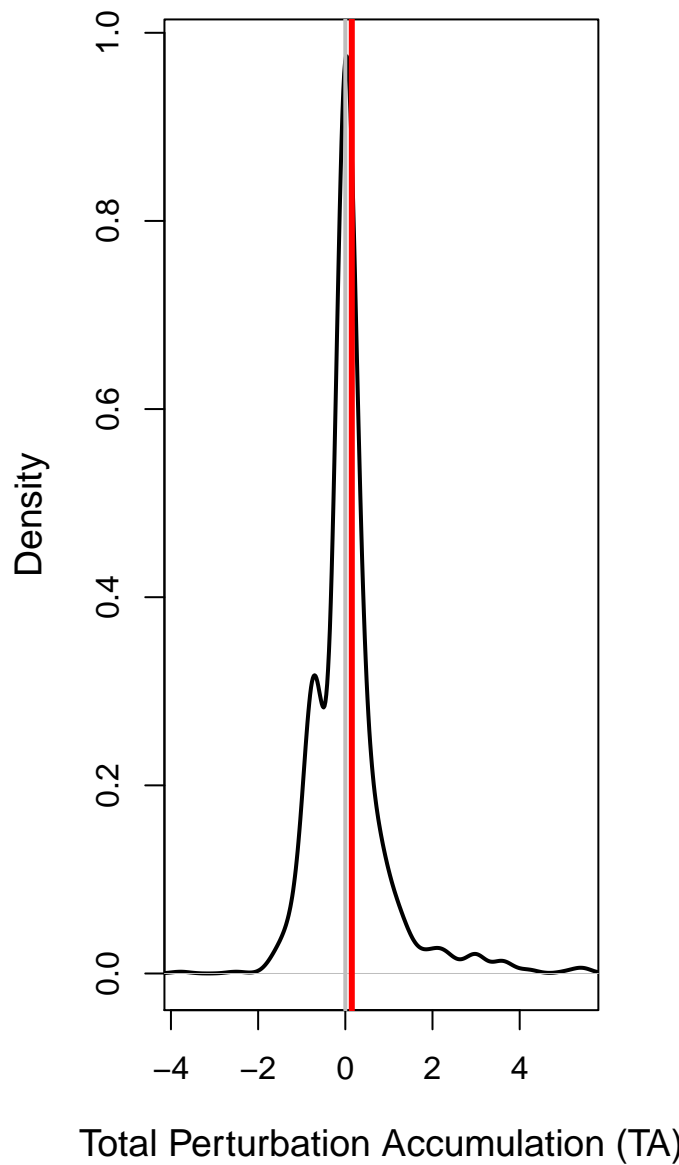
pathway ID=05031 P PERT=0.147



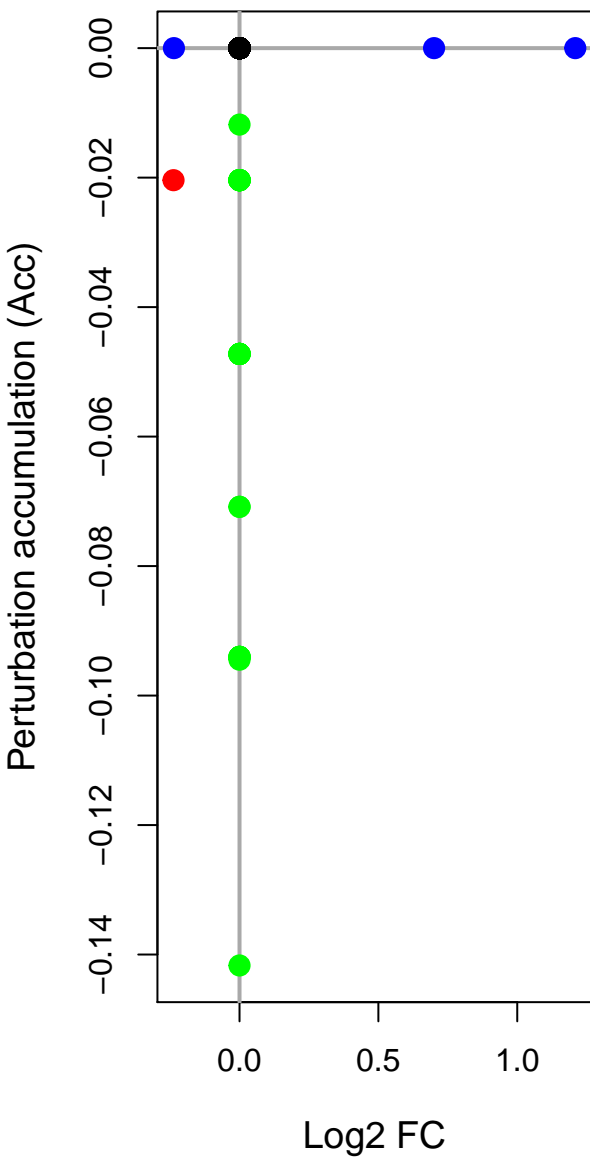
pathway ID=05032



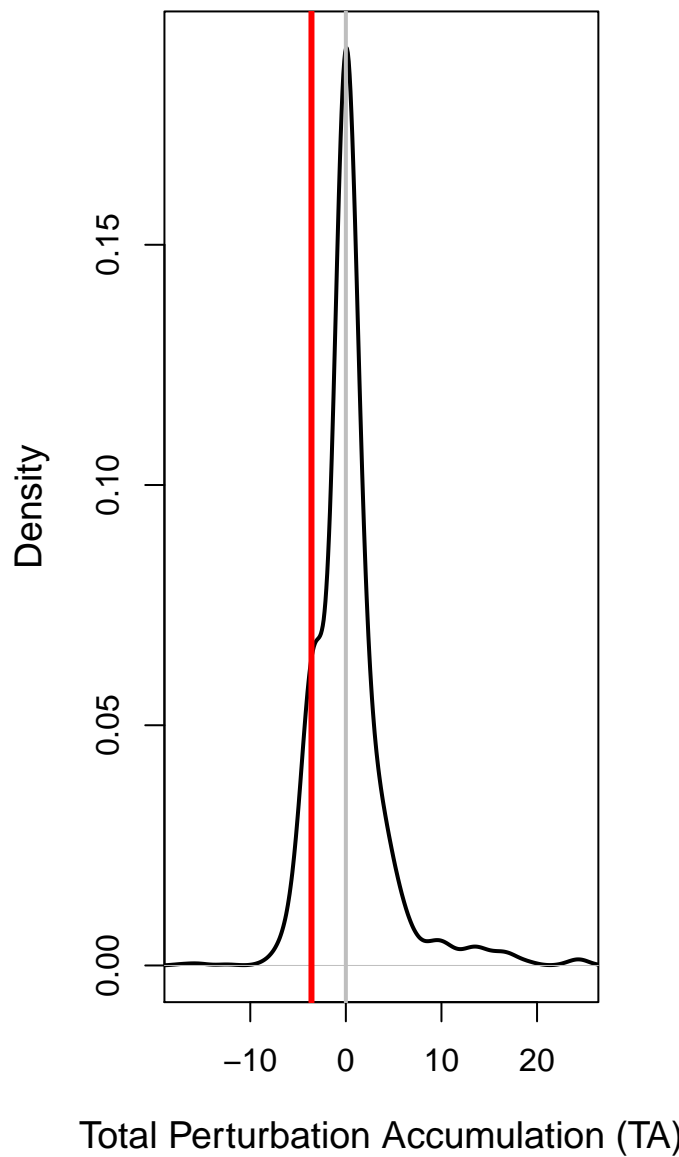
pathway ID=05032 P PERT=0.583



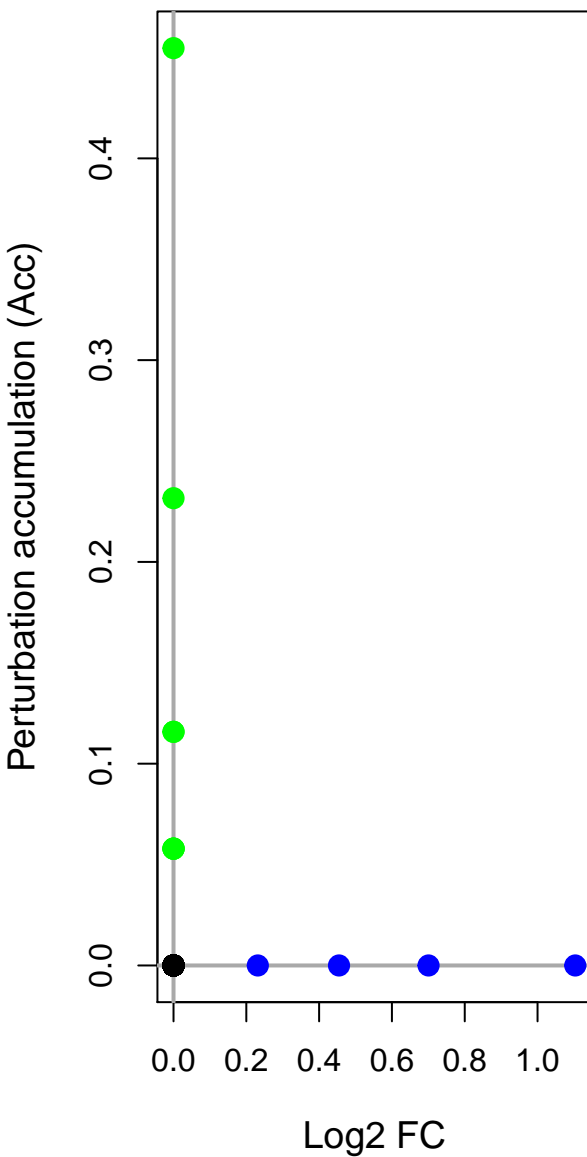
pathway ID=05034



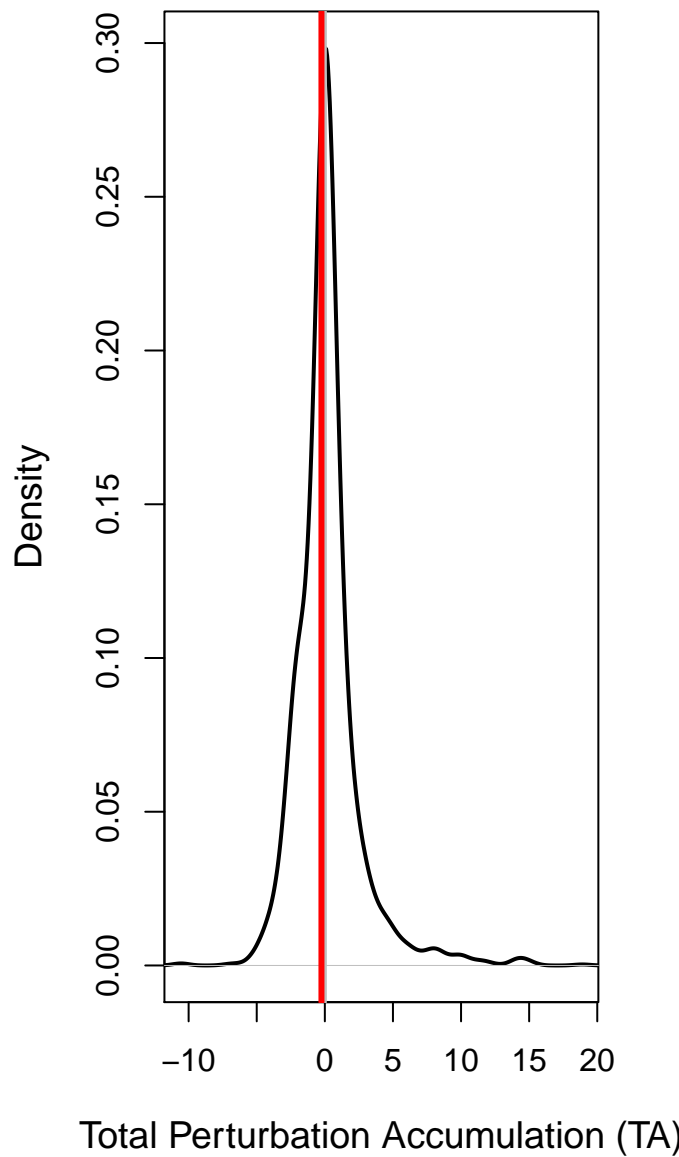
pathway ID=05034 P PERT=0.201



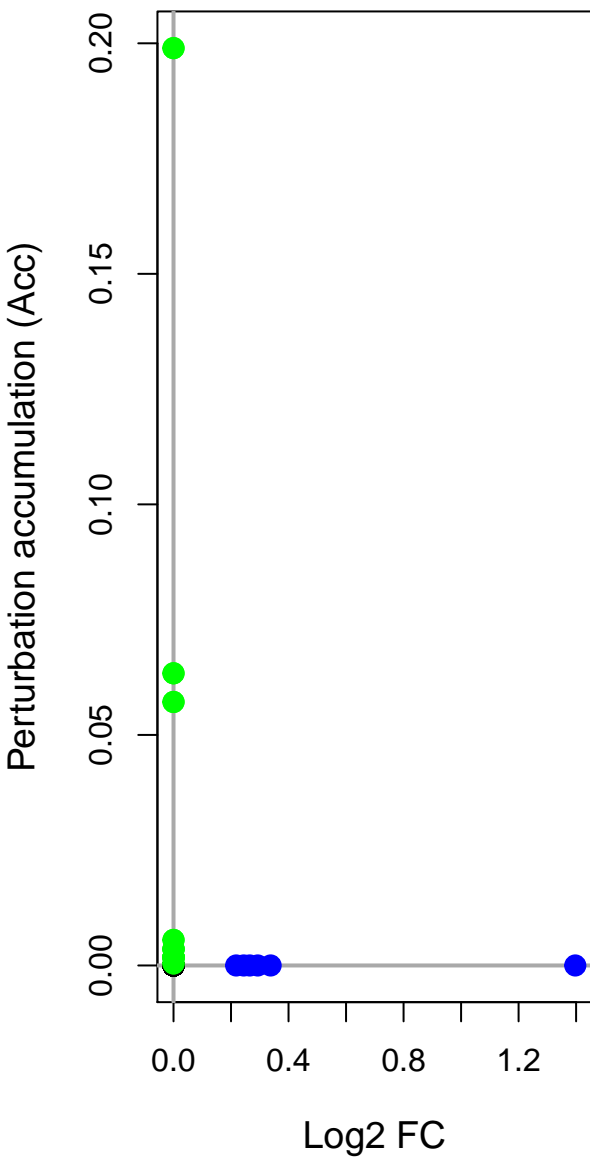
pathway ID=05100



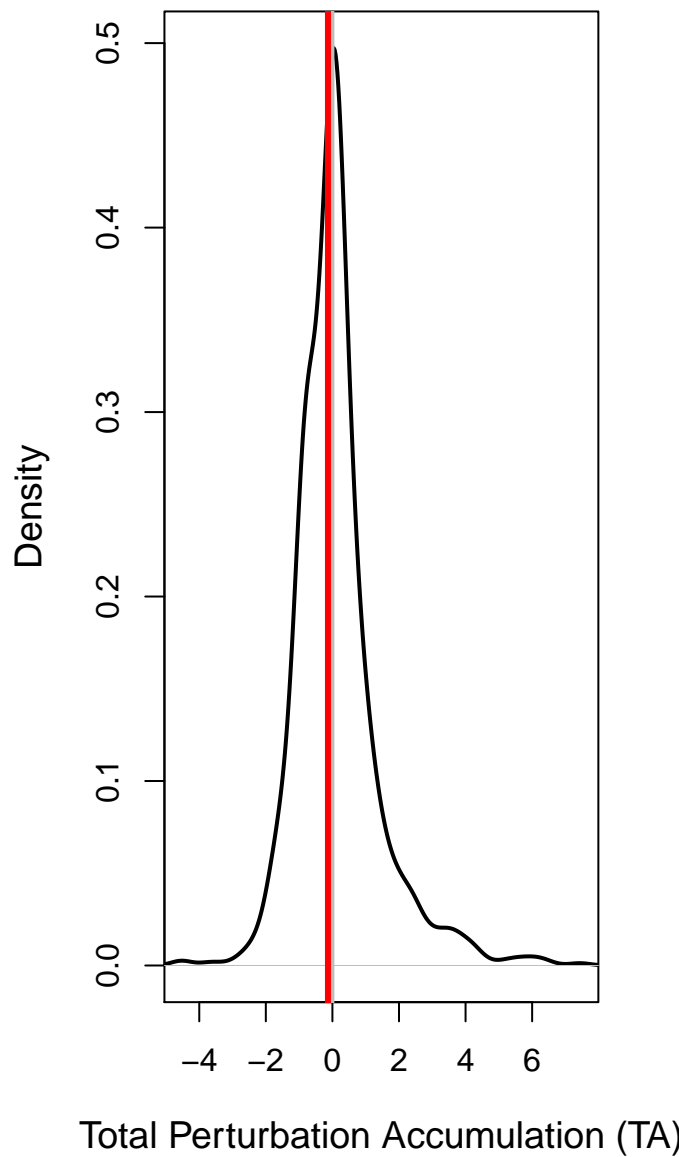
pathway ID=05100 P PERT=0.739



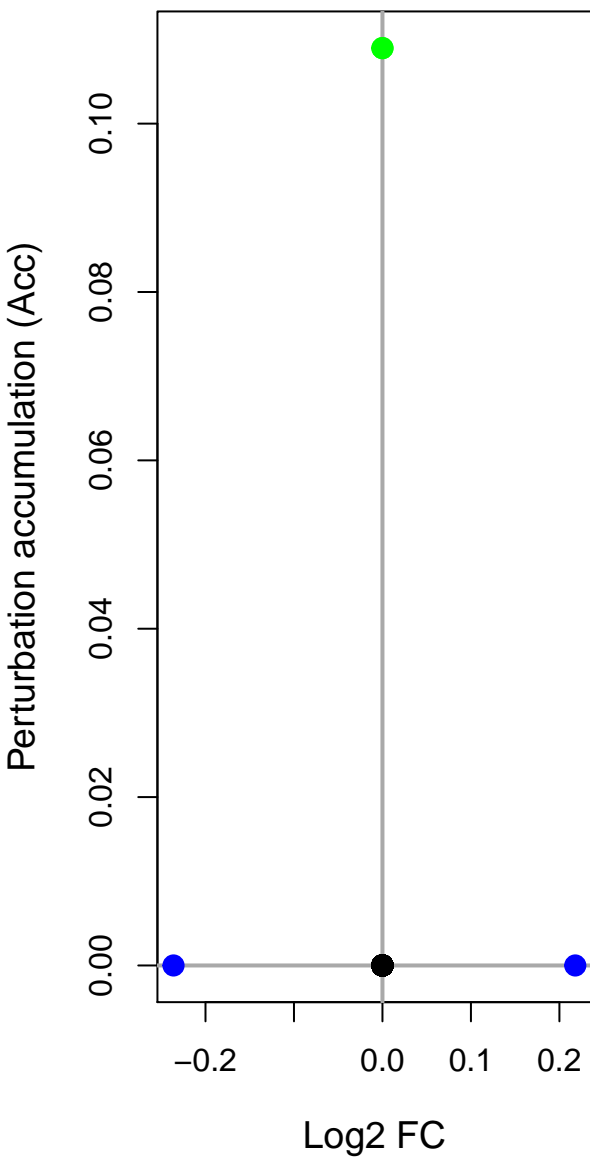
pathway ID=05132



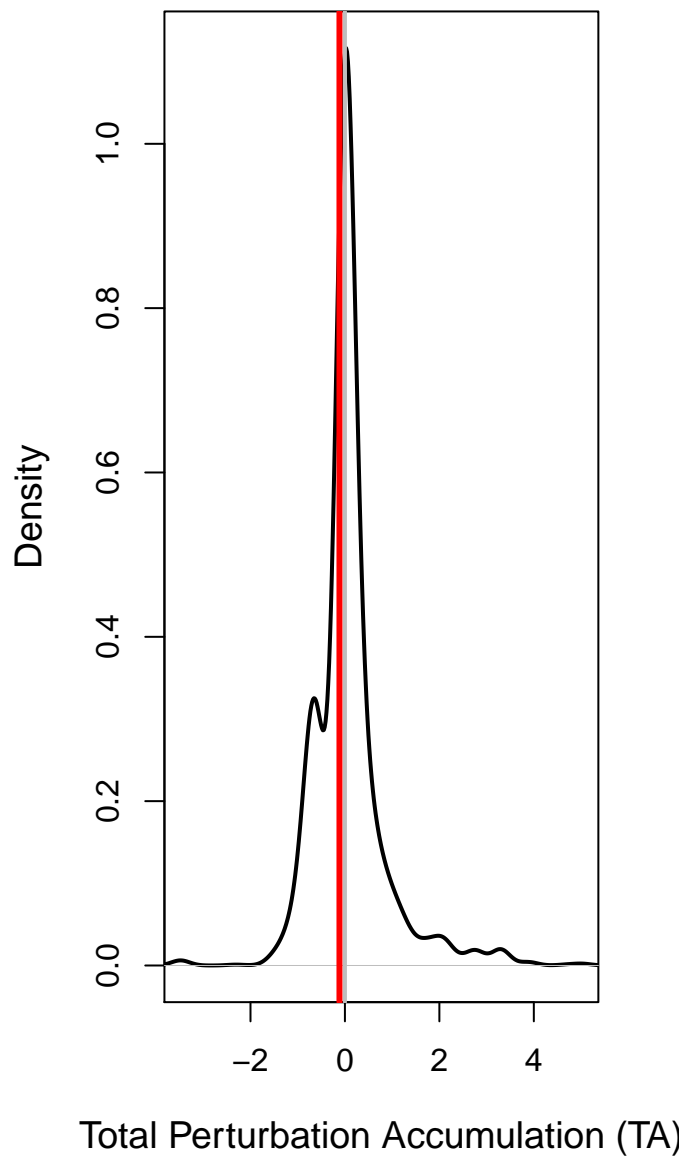
pathway ID=05132 P PERT=0.77



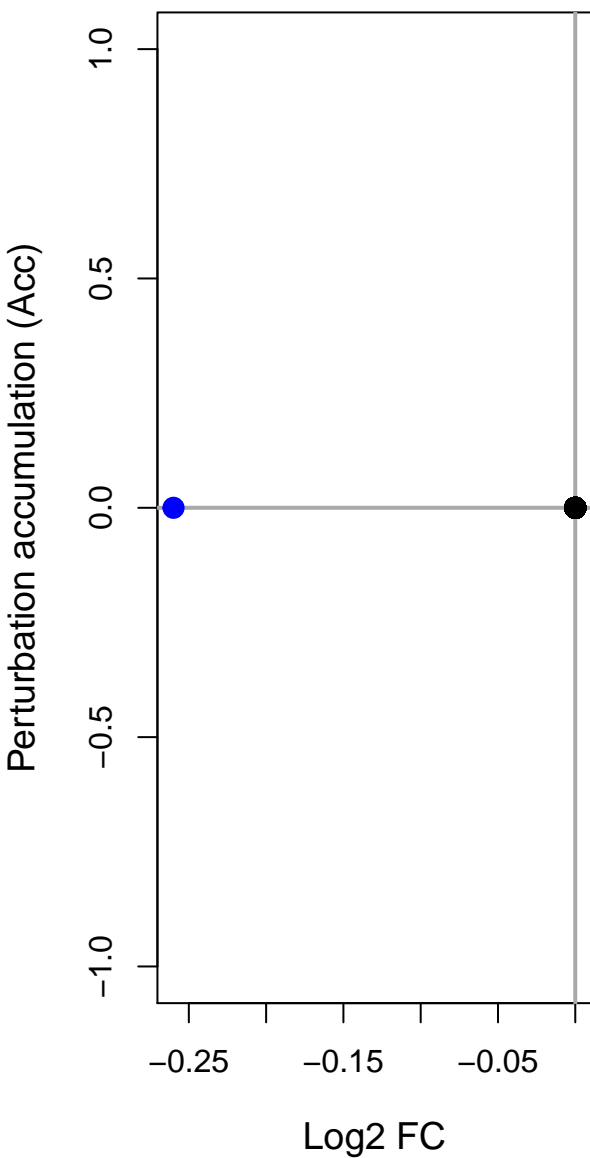
pathway ID=05133



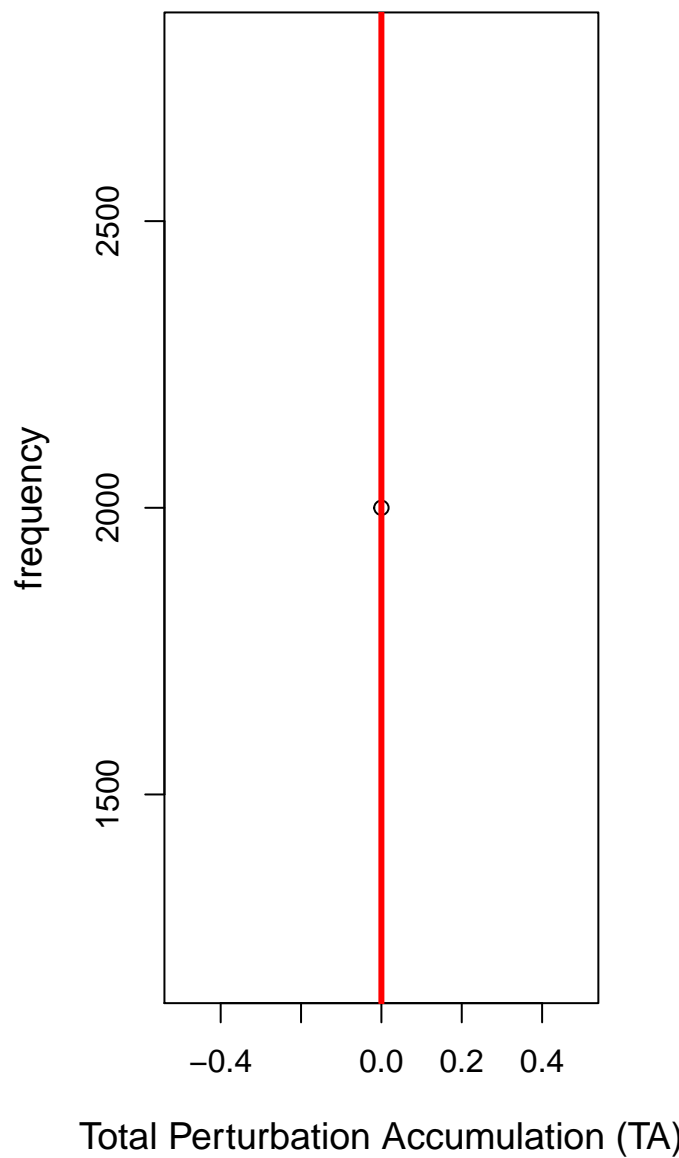
pathway ID=05133 P PERT=0.409



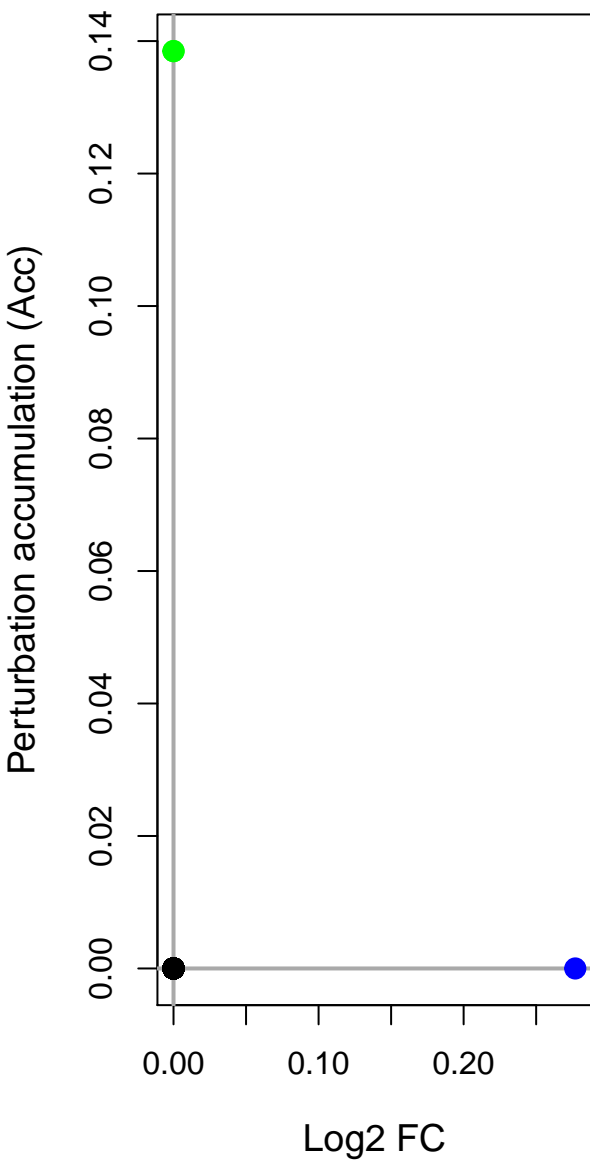
pathway ID=05134



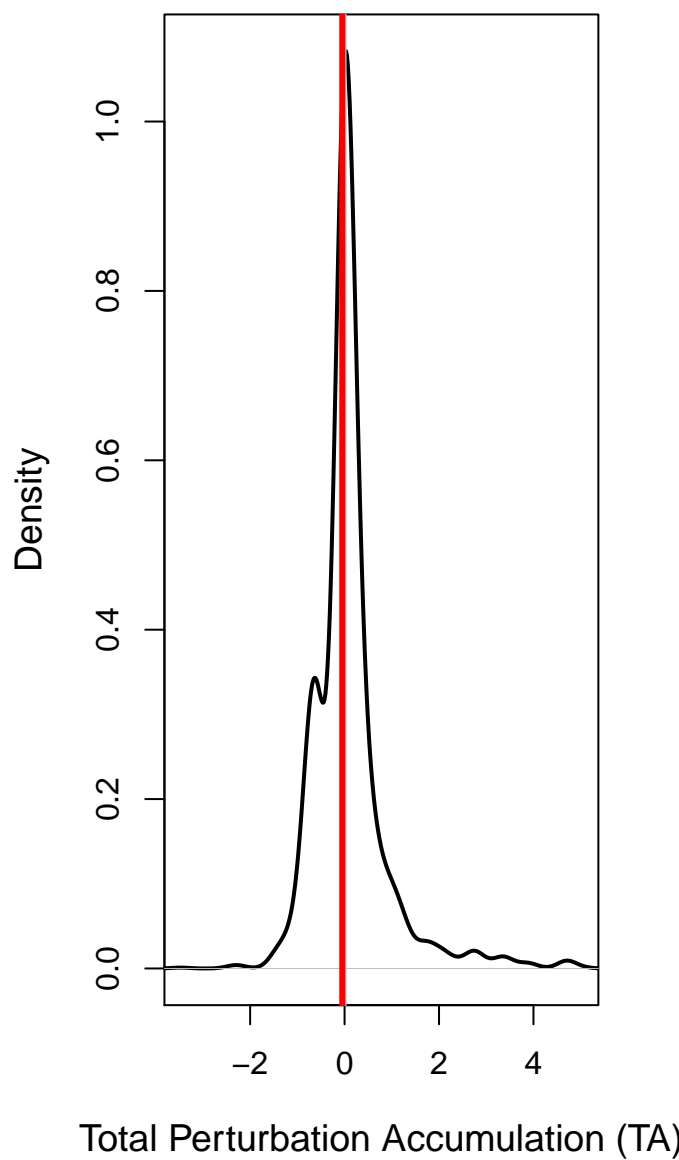
pathway ID=05134 P PERT=NA



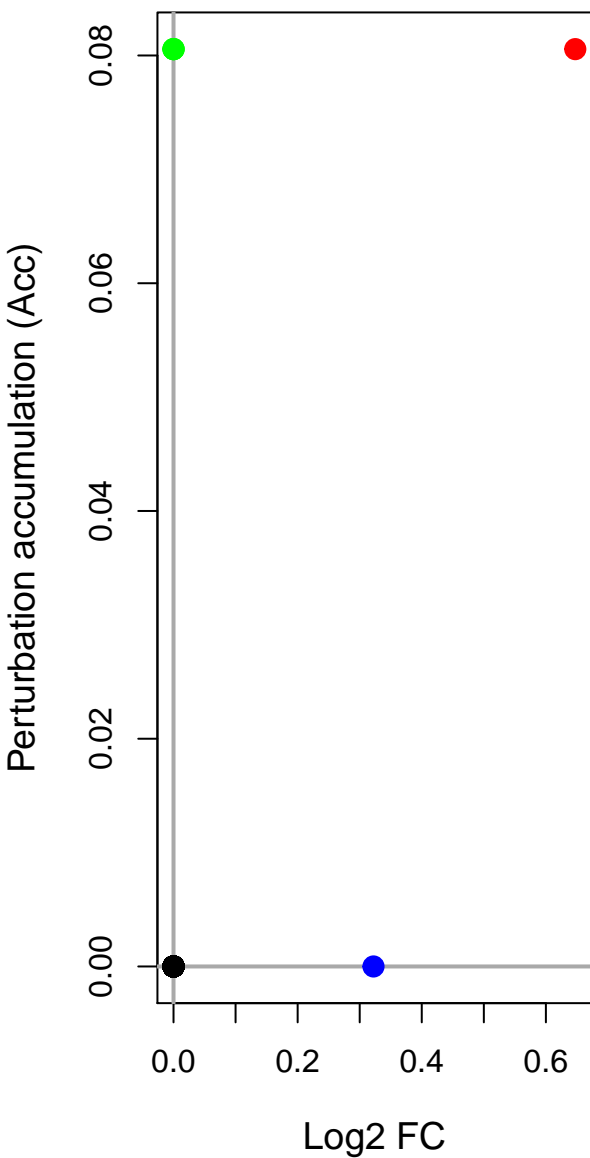
pathway ID=05140



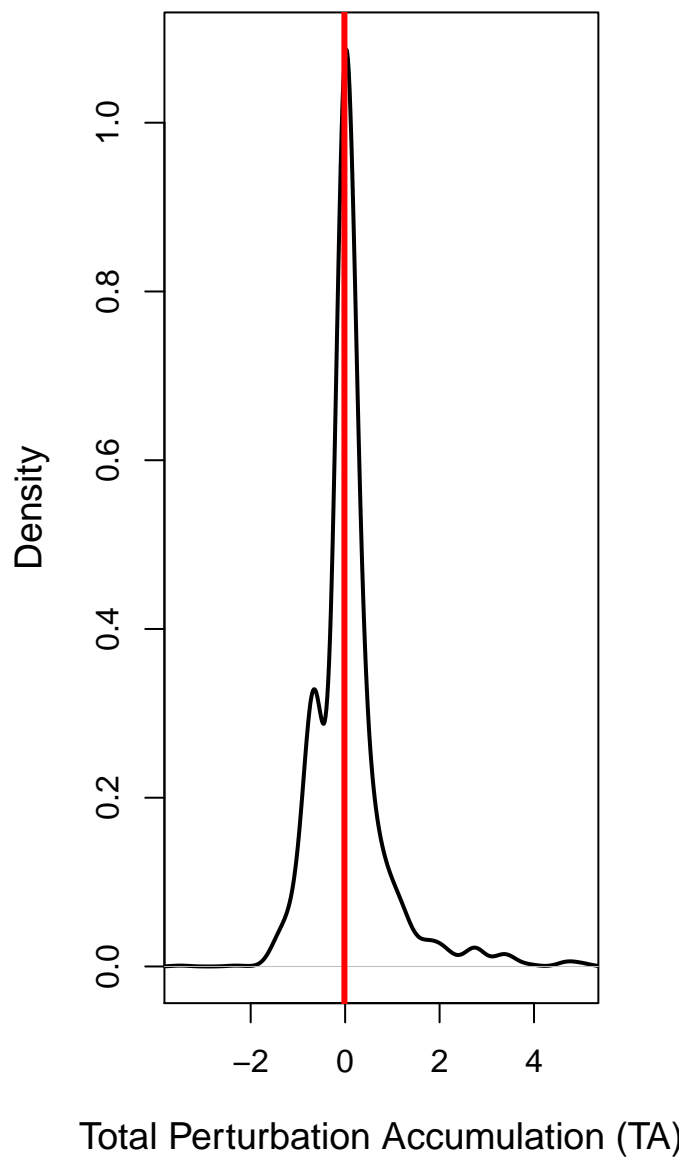
pathway ID=05140 P PERT=0.674



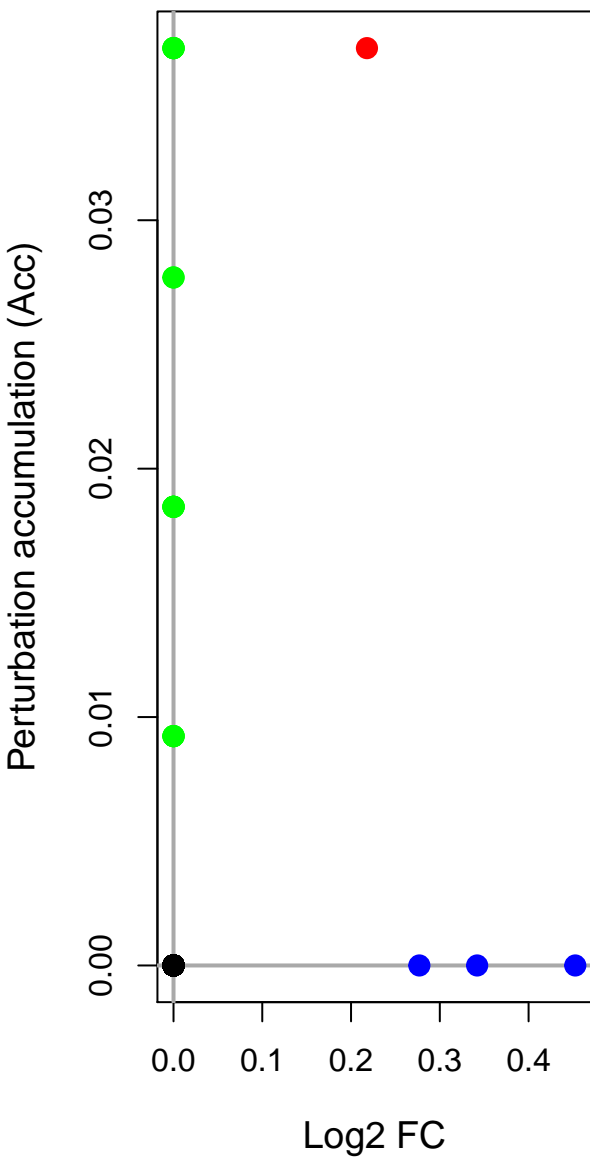
pathway ID=05143



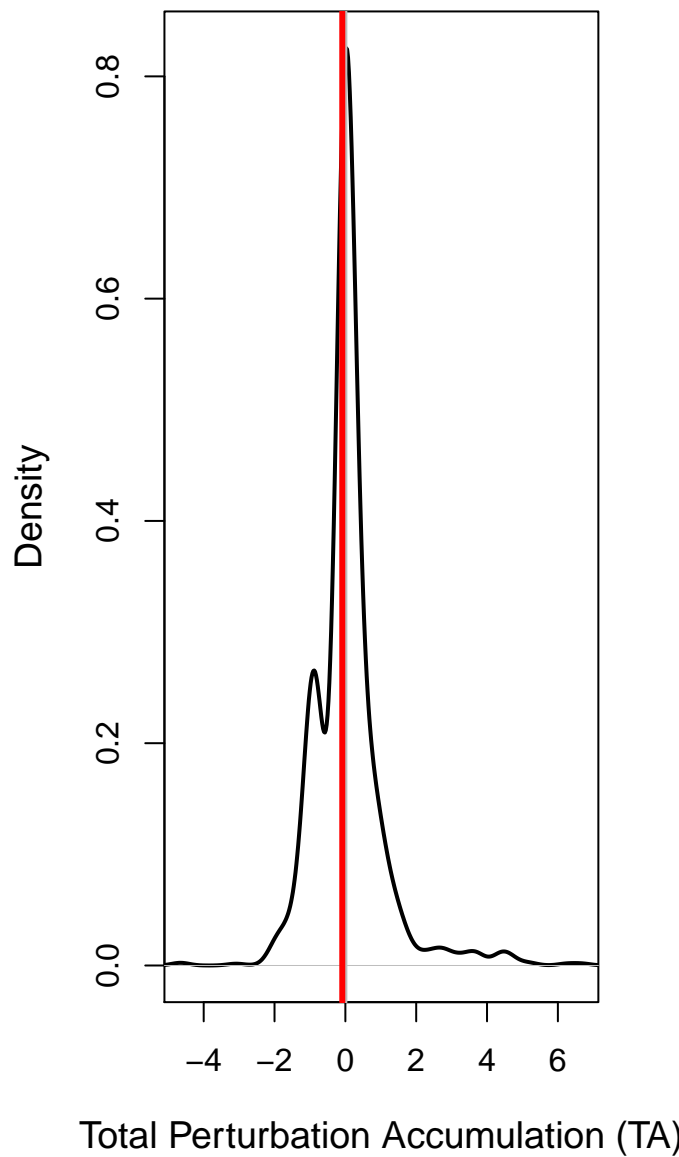
pathway ID=05143 P PERT=0.915



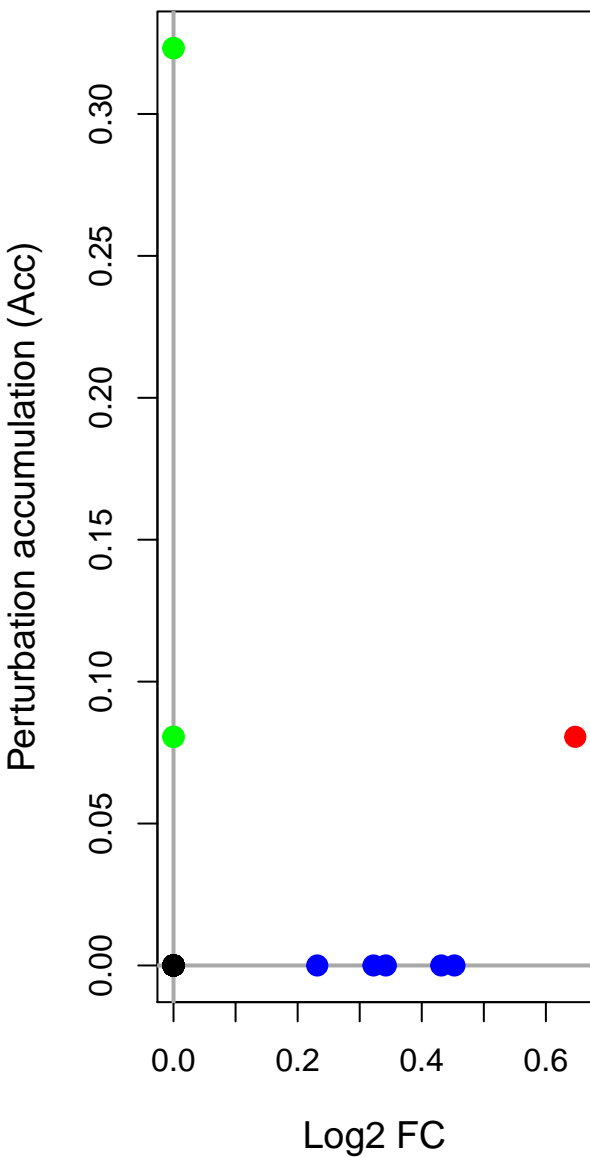
pathway ID=05145



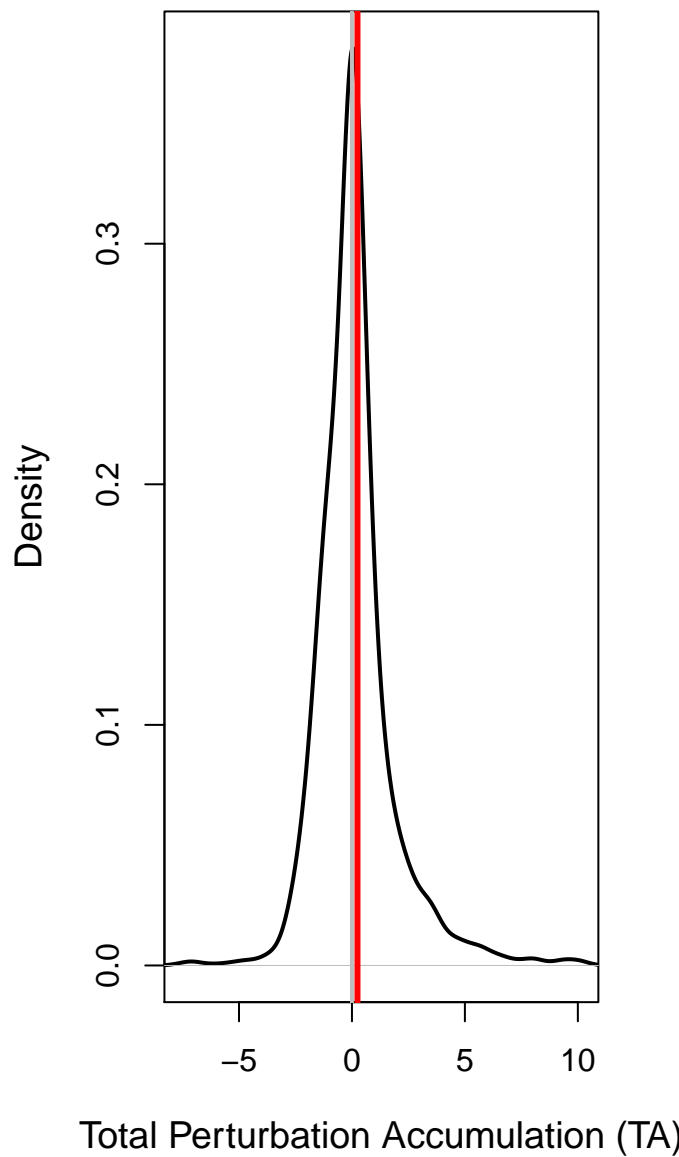
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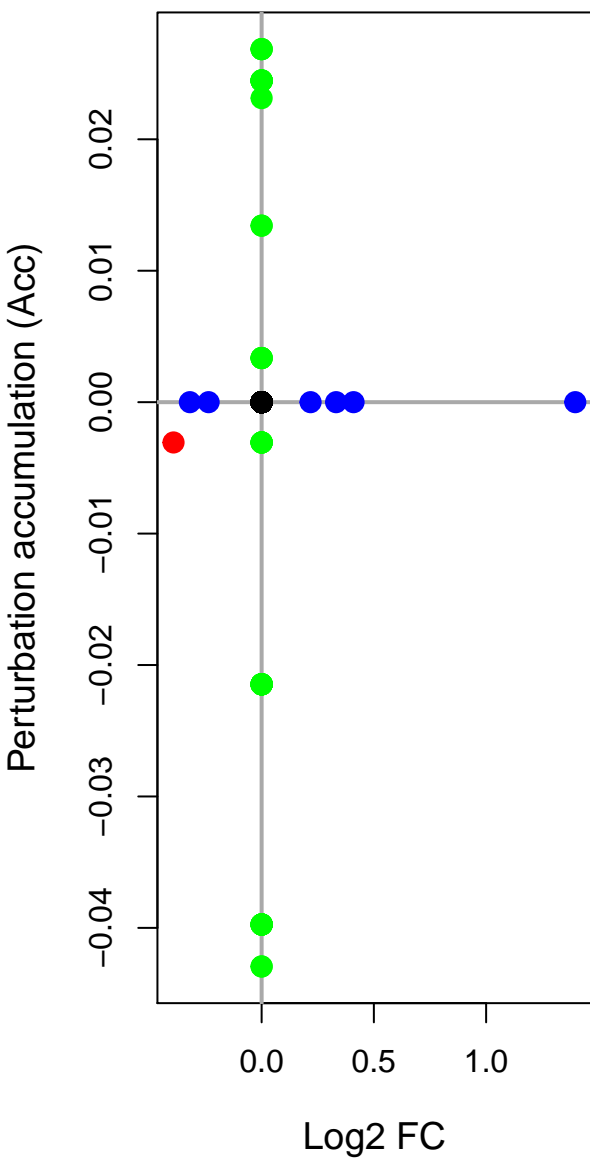
pathway ID=05146



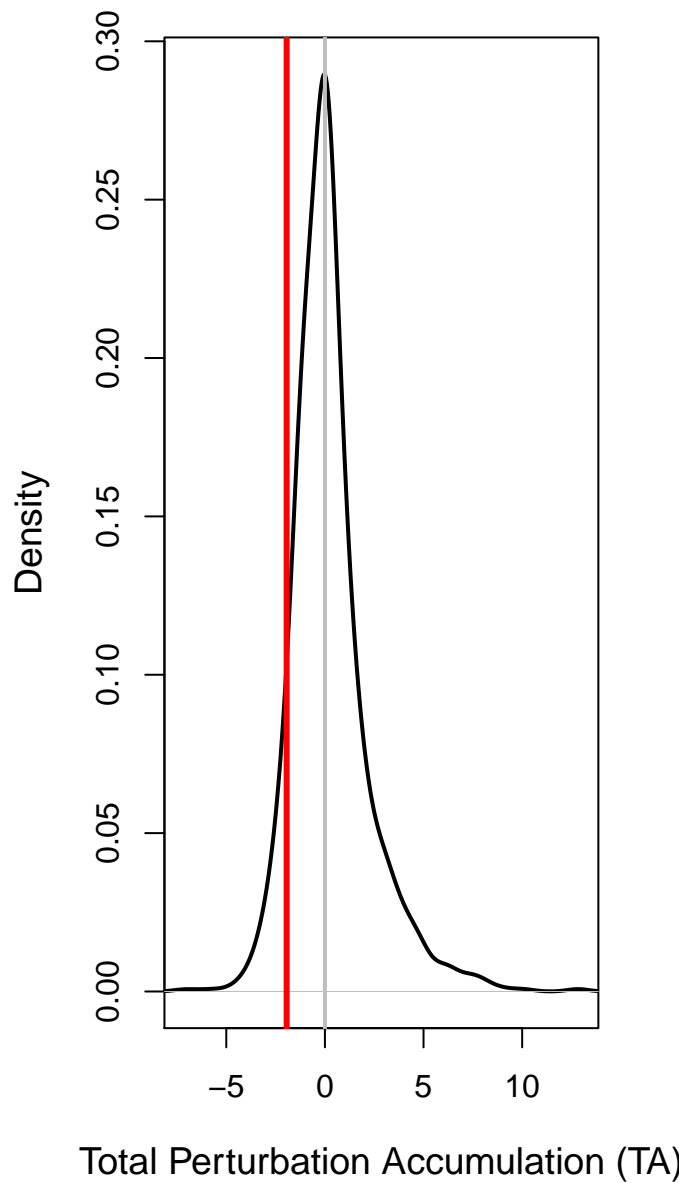
pathway ID=05146 P PERT=0.733



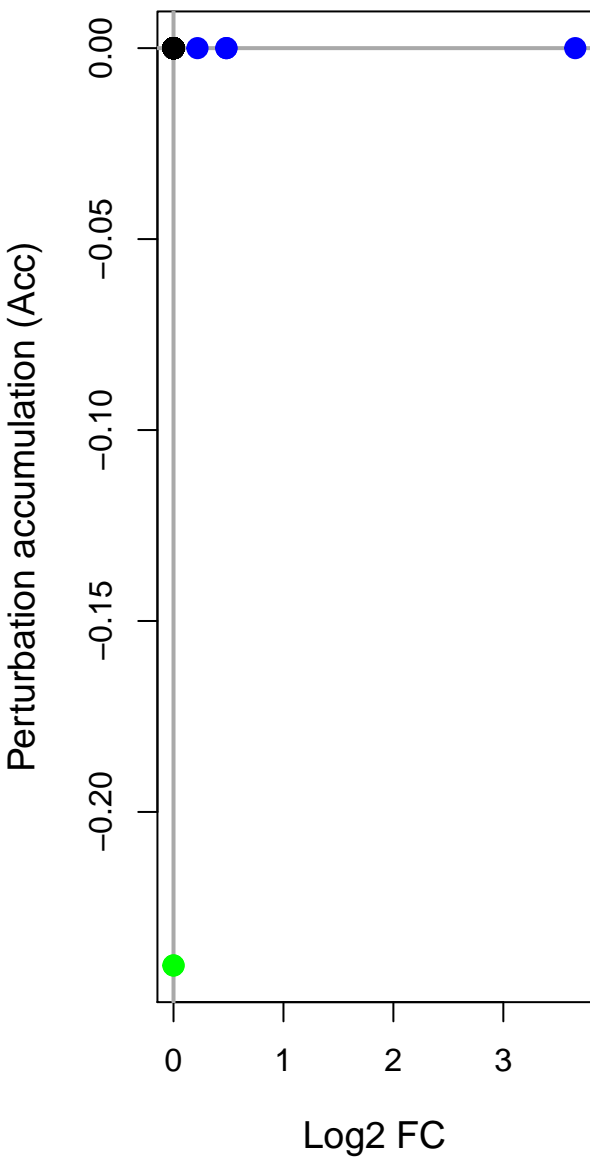
pathway ID=05152



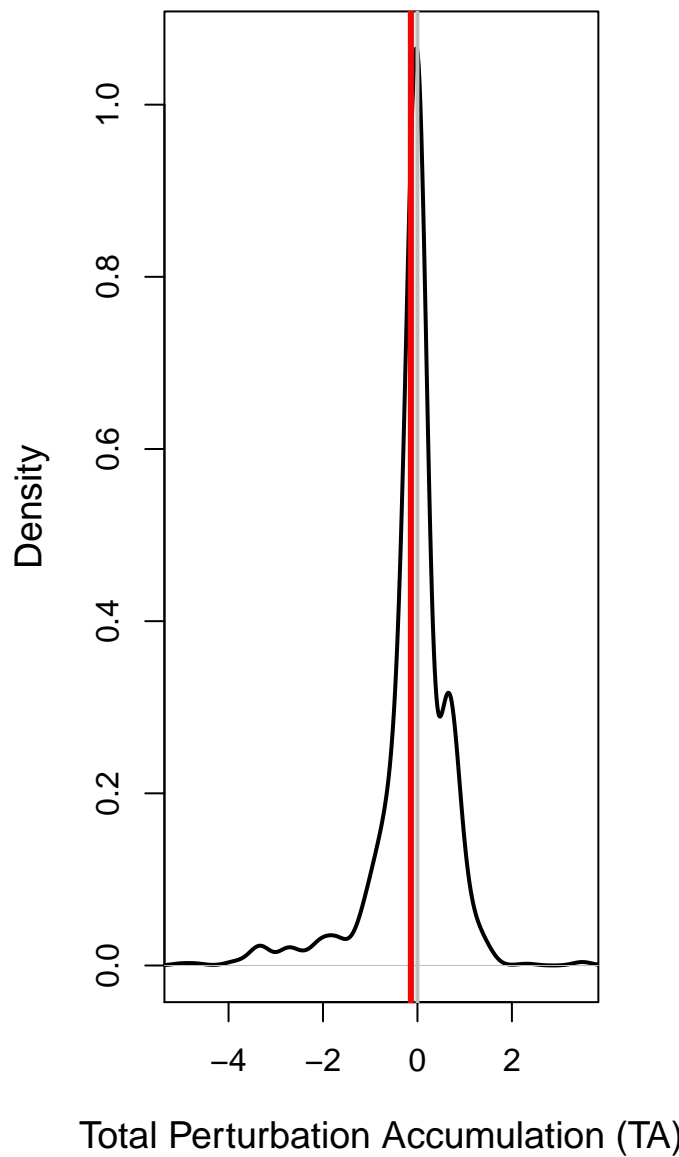
pathway ID=05152 P PERT=0.152



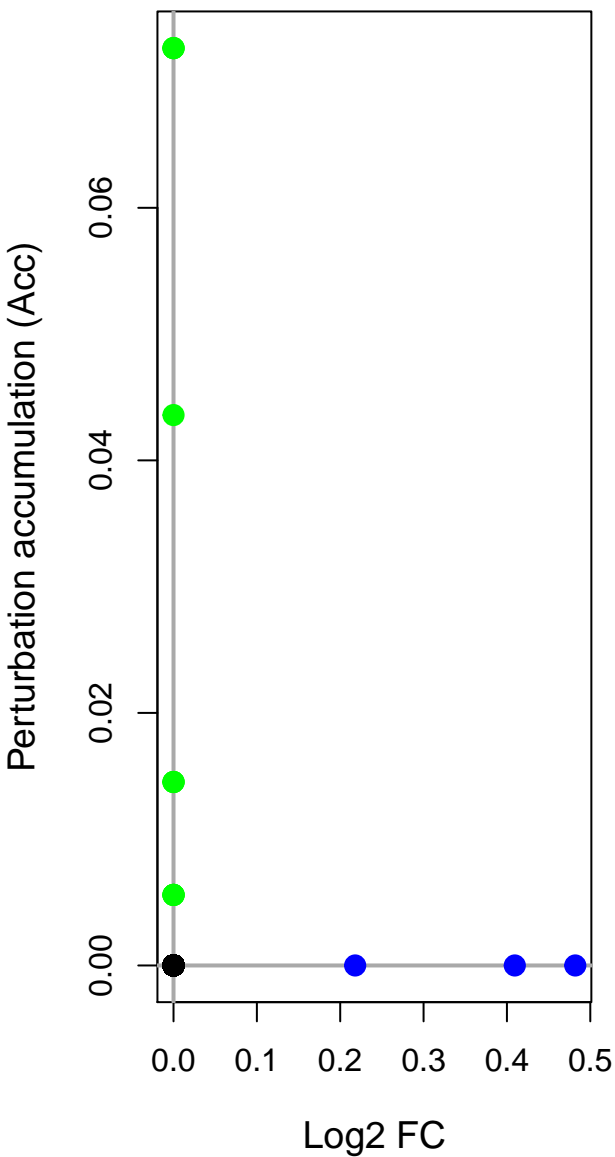
pathway ID=05160



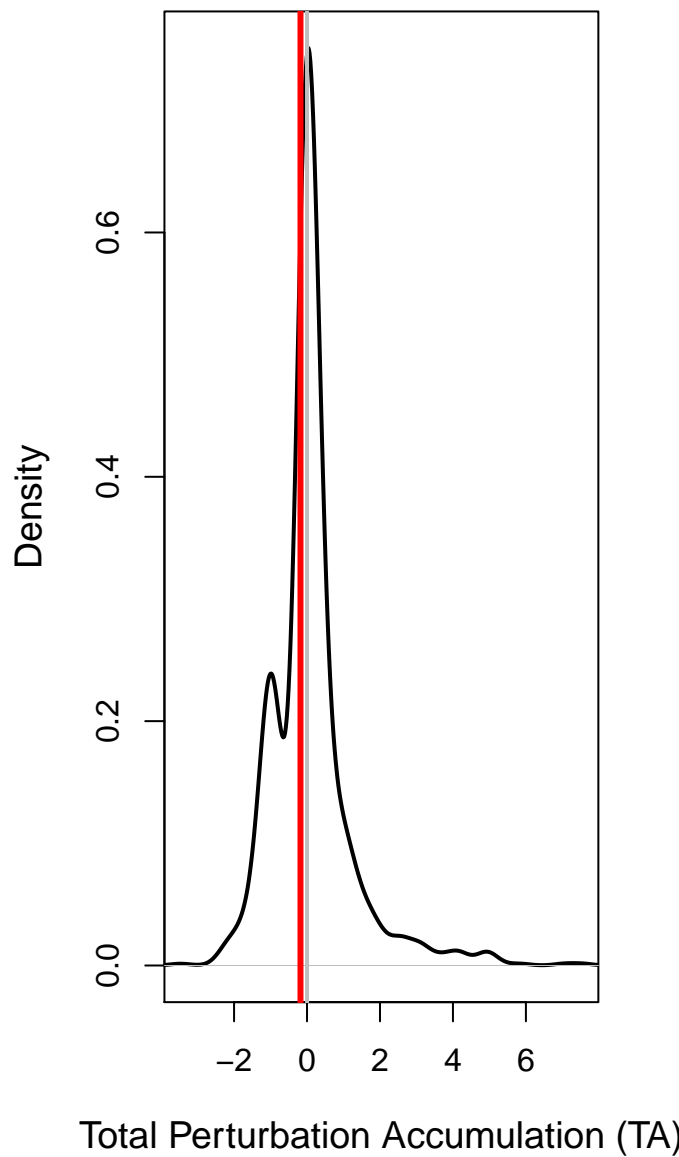
pathway ID=05160 P PERT=0.595



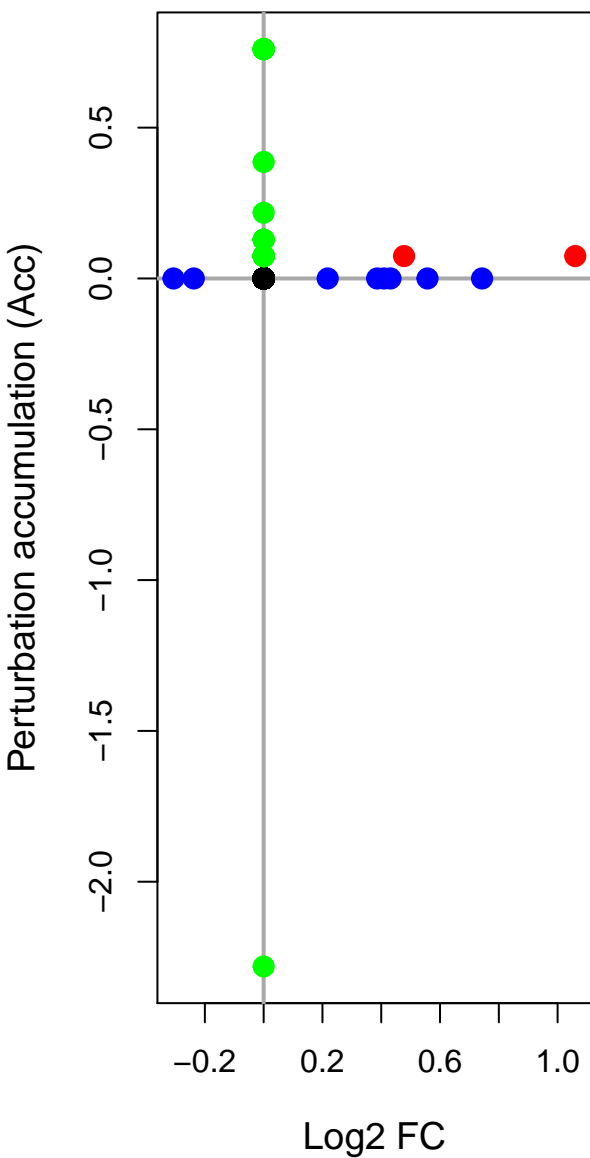
pathway ID=05164



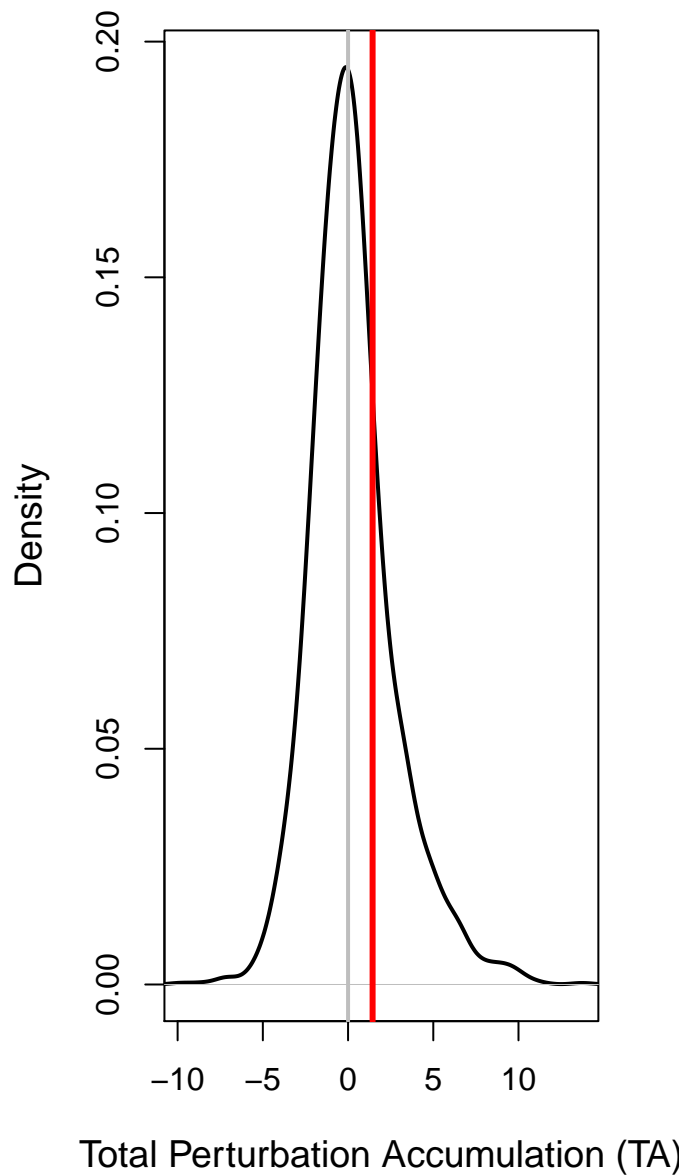
pathway ID=05164 P PERT=0.434



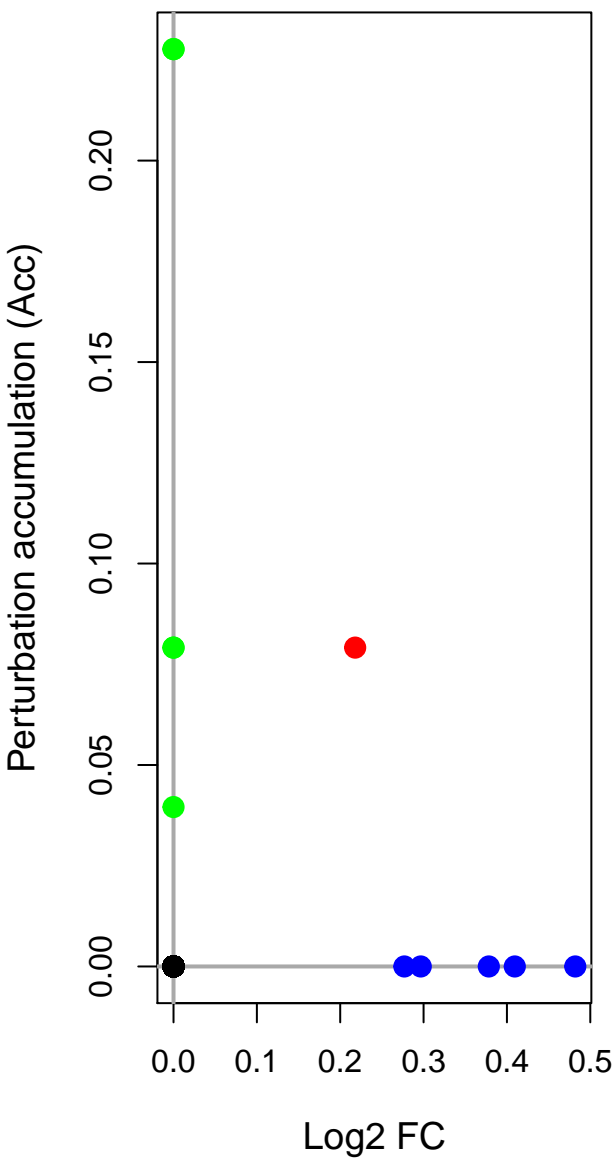
pathway ID=05166



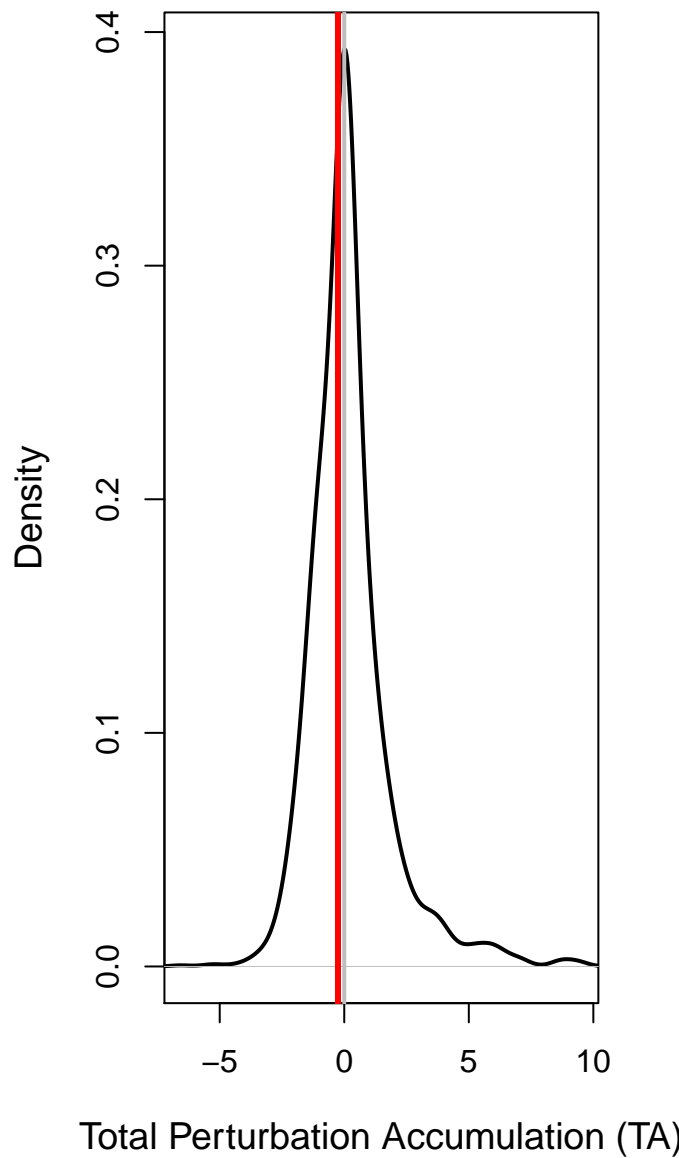
pathway ID=05166 P PERT=0.506



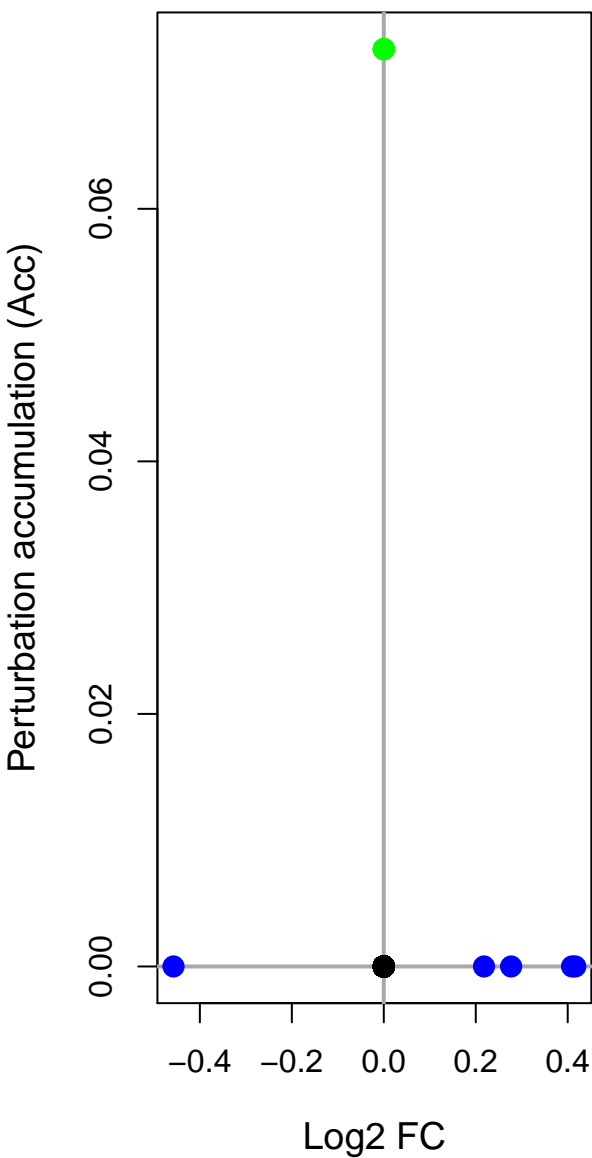
pathway ID=05168



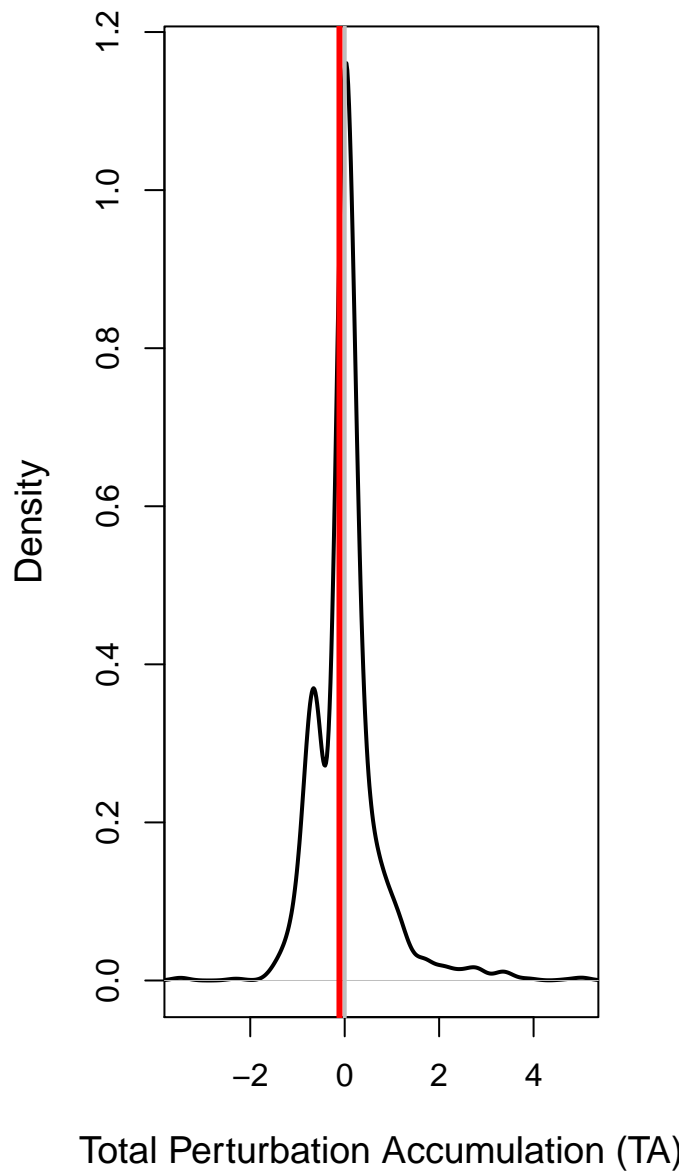
pathway ID=05168 P PERT=0.683



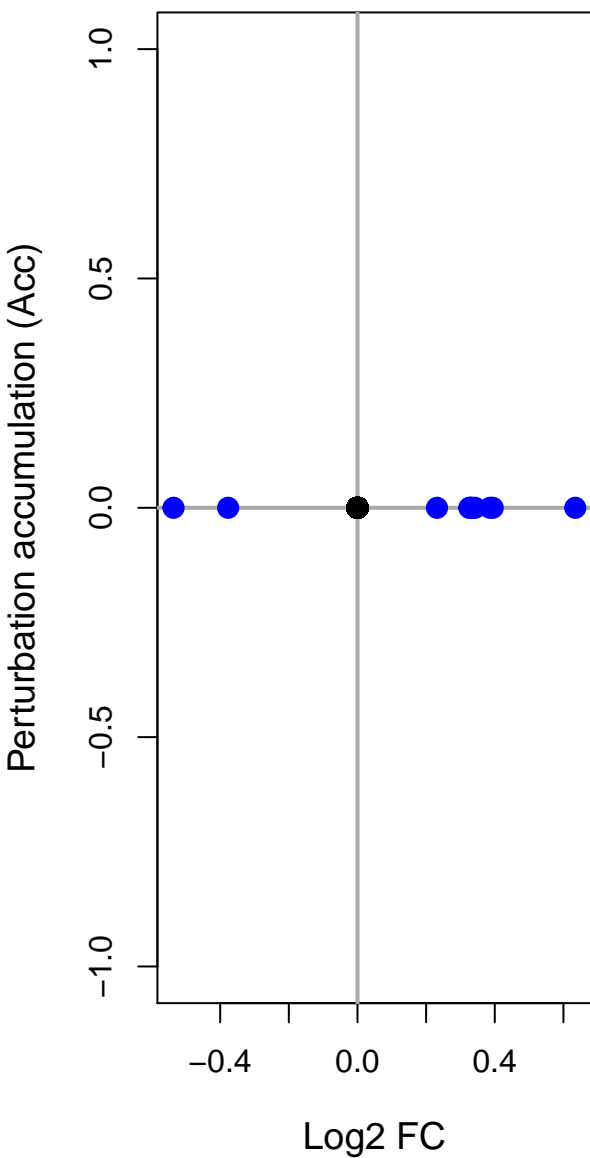
pathway ID=05169



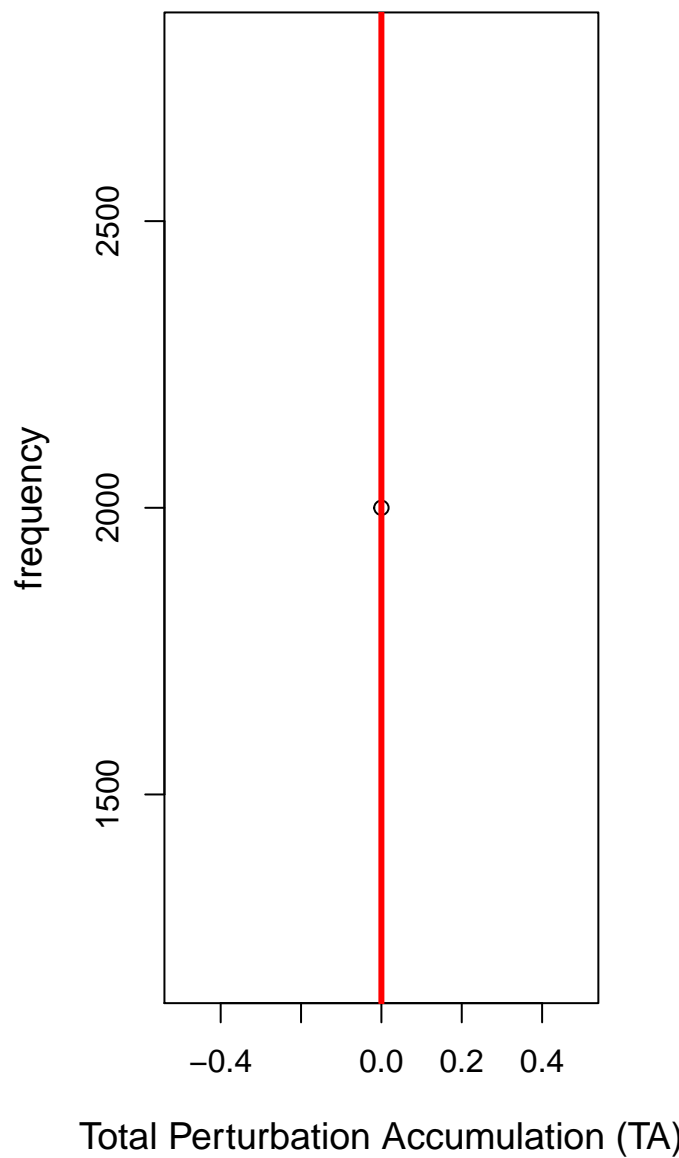
pathway ID=05169 P PERT=0.446



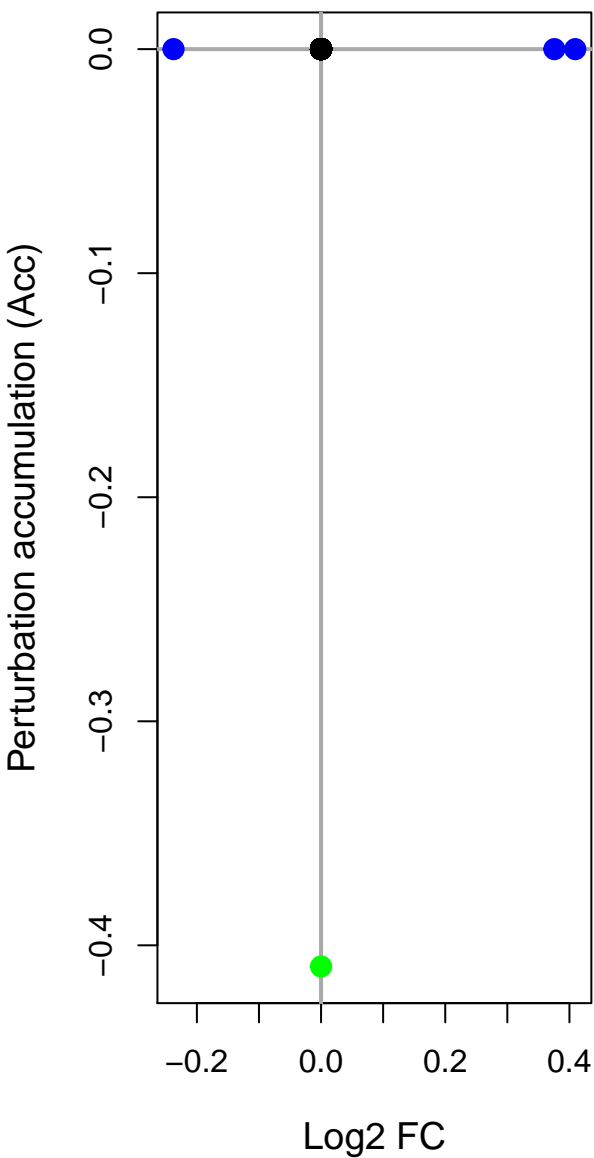
pathway ID=05202



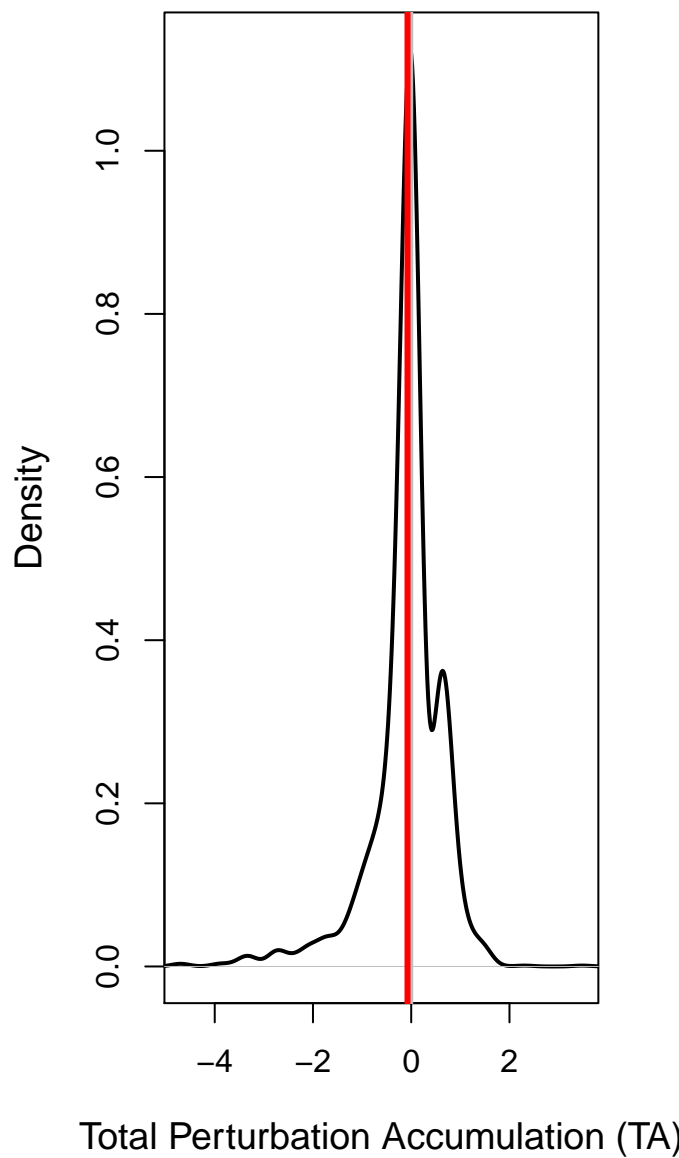
pathway ID=05202 P PERT=NA



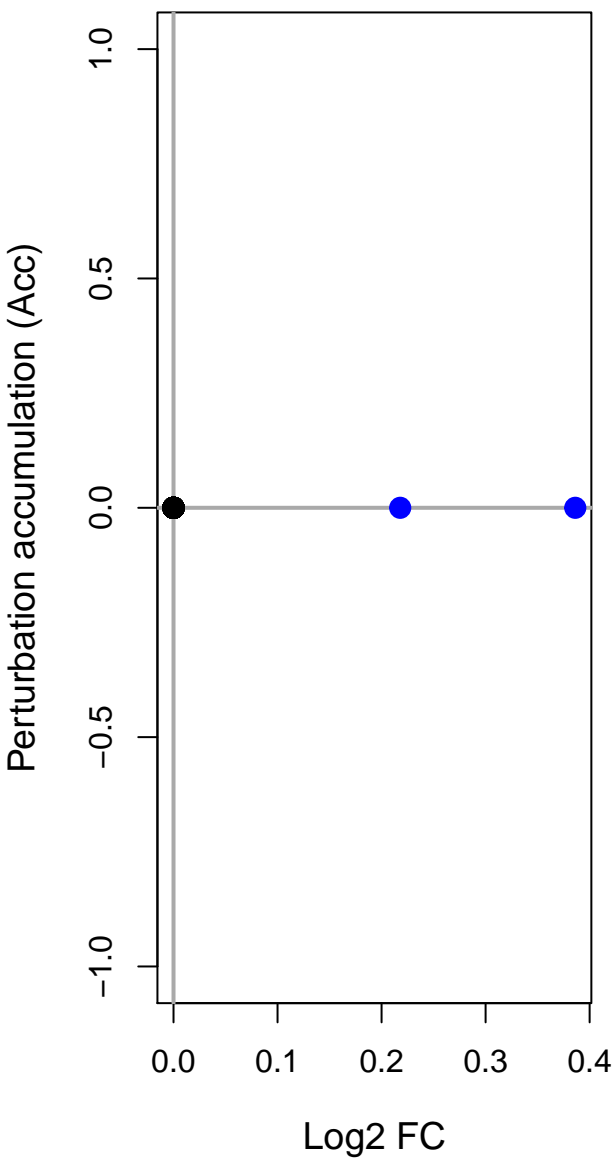
pathway ID=05203



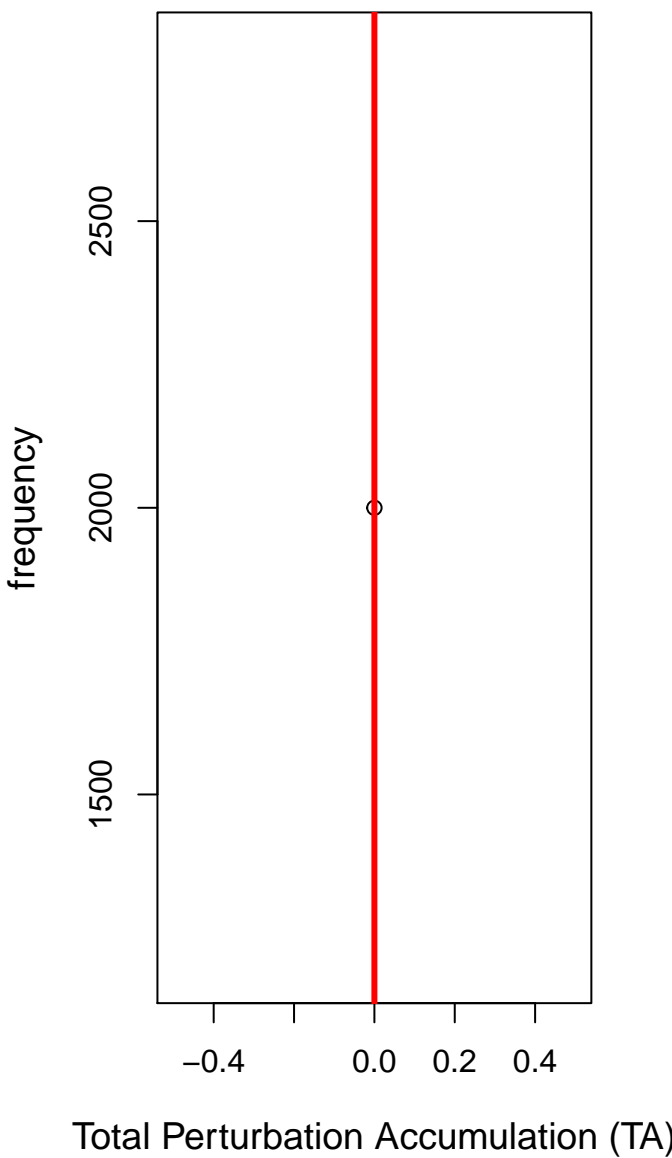
pathway ID=05203 P PERT=0.731



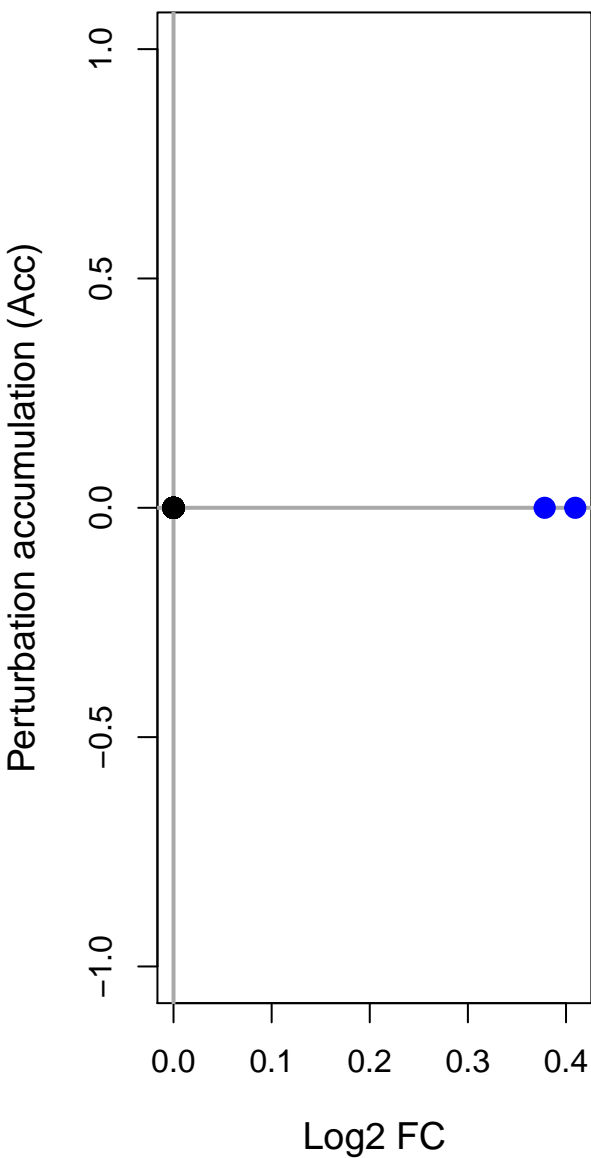
pathway ID=05210



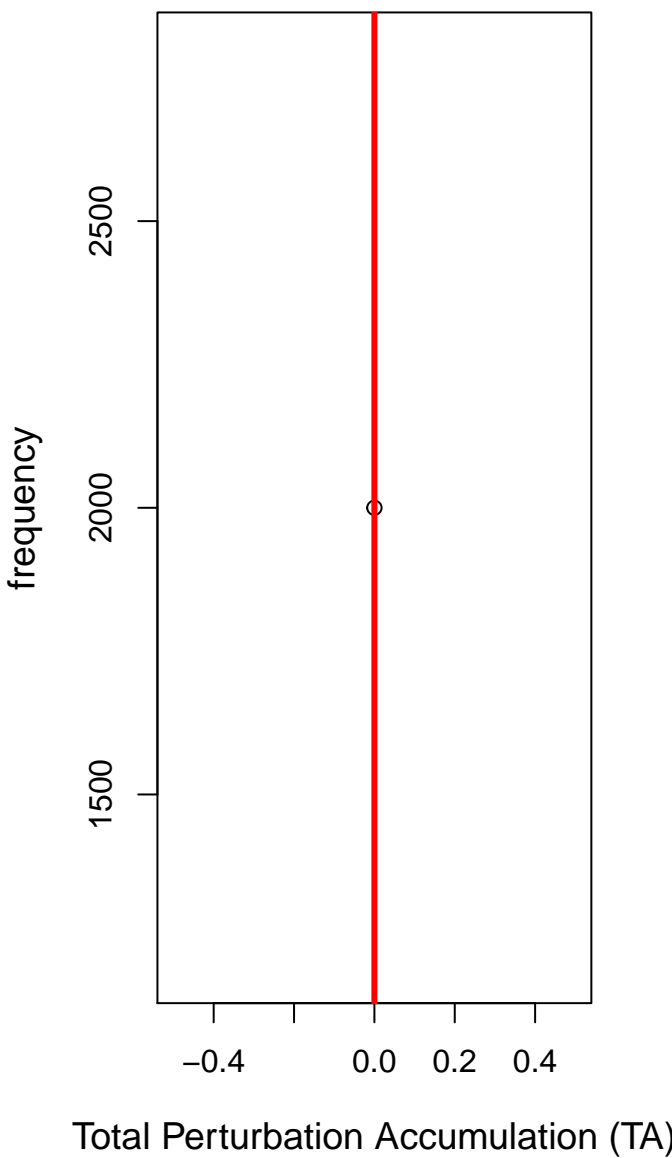
pathway ID=05210 P PERT=NA



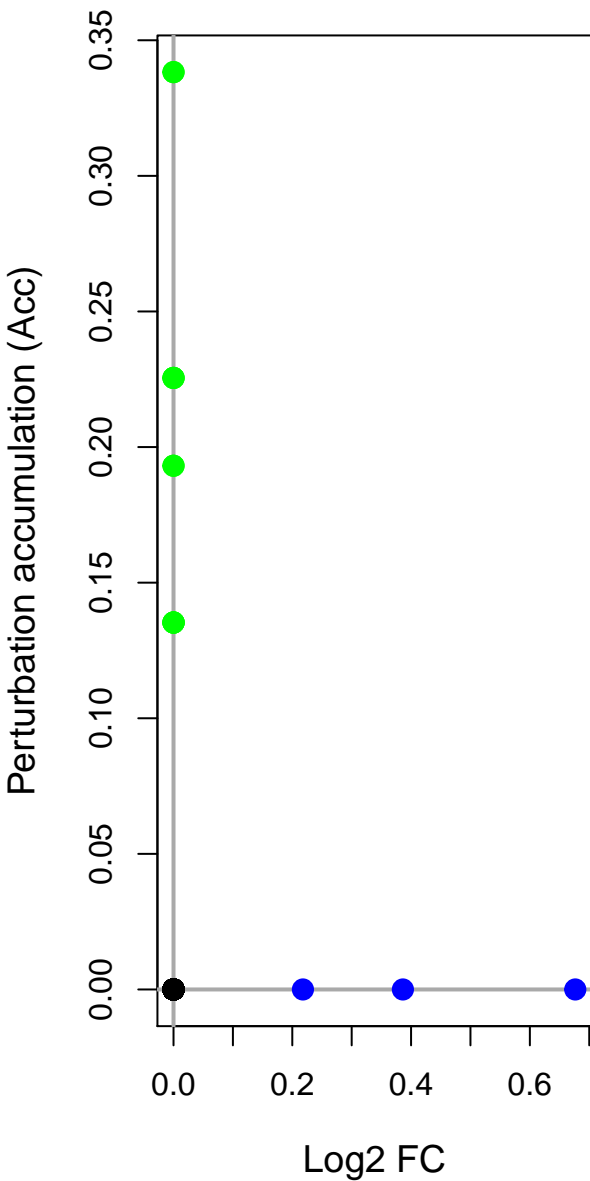
pathway ID=05211



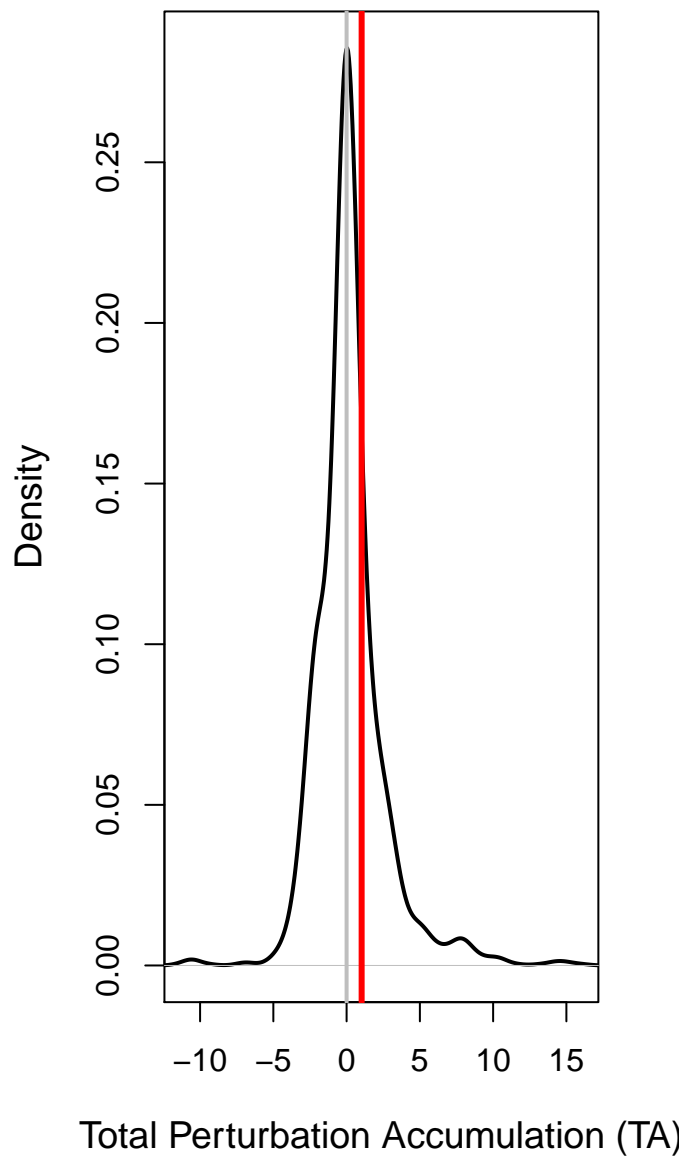
pathway ID=05211 P PERT=NA



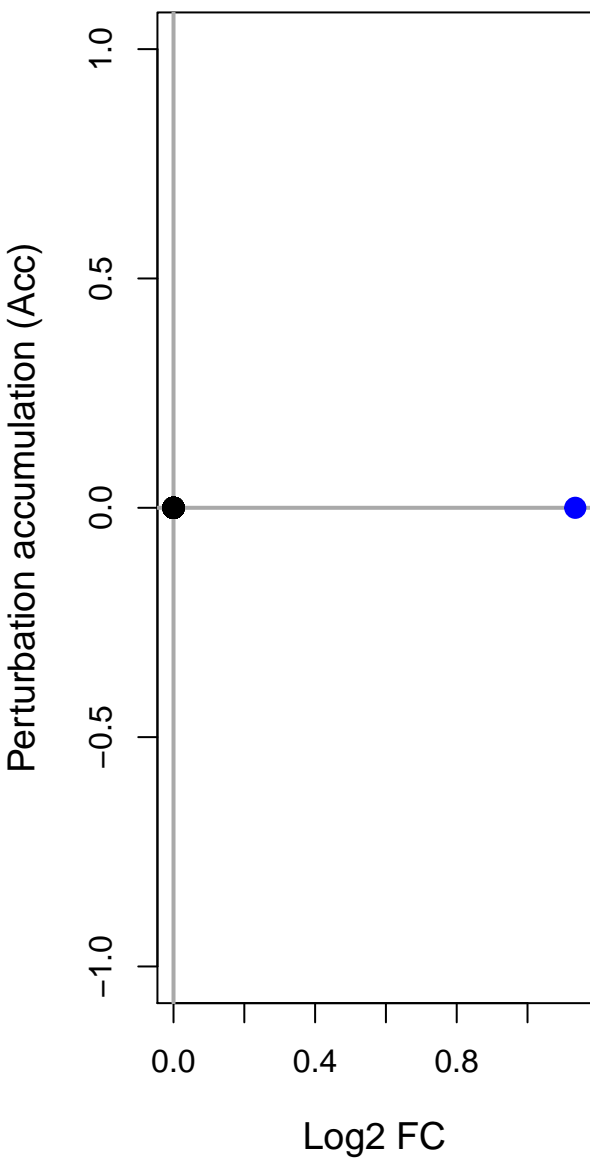
pathway ID=05212



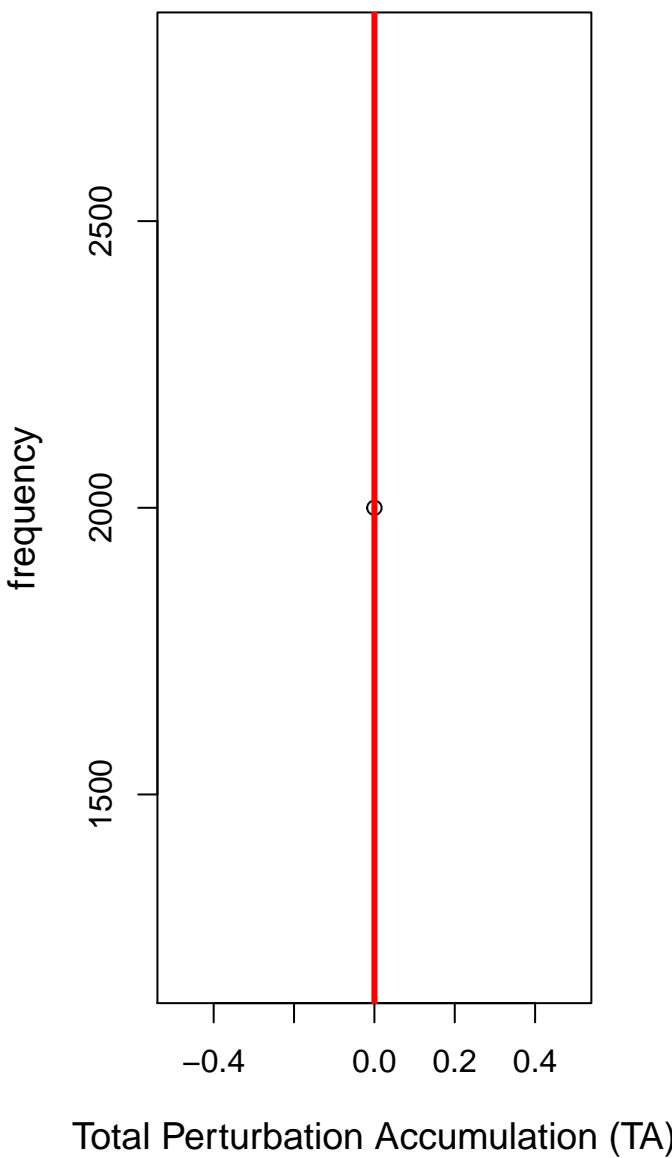
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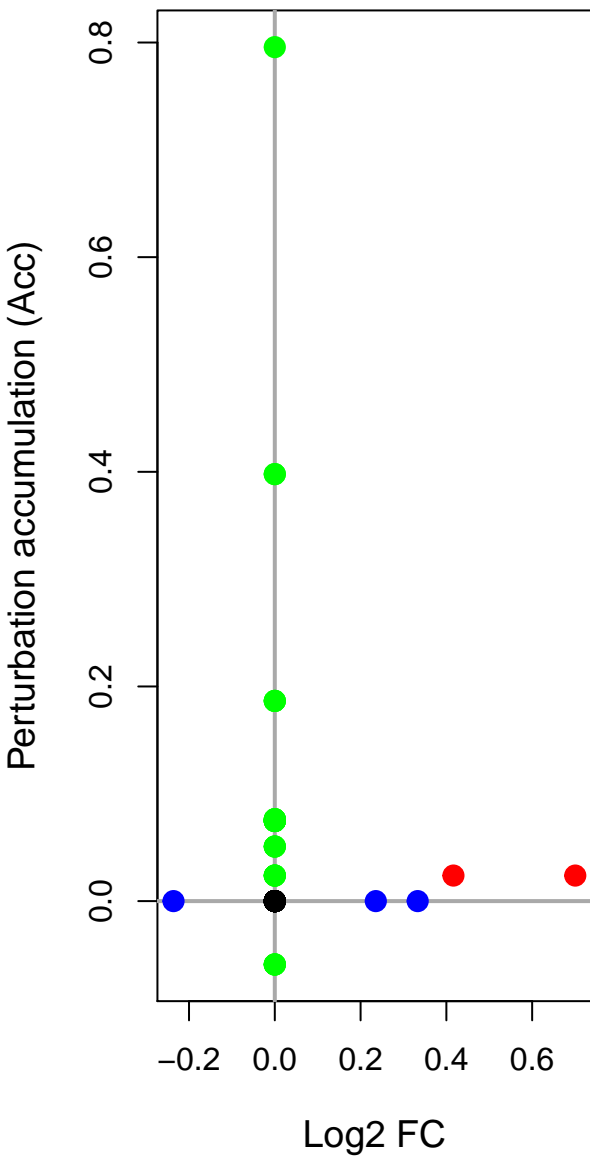
pathway ID=05213



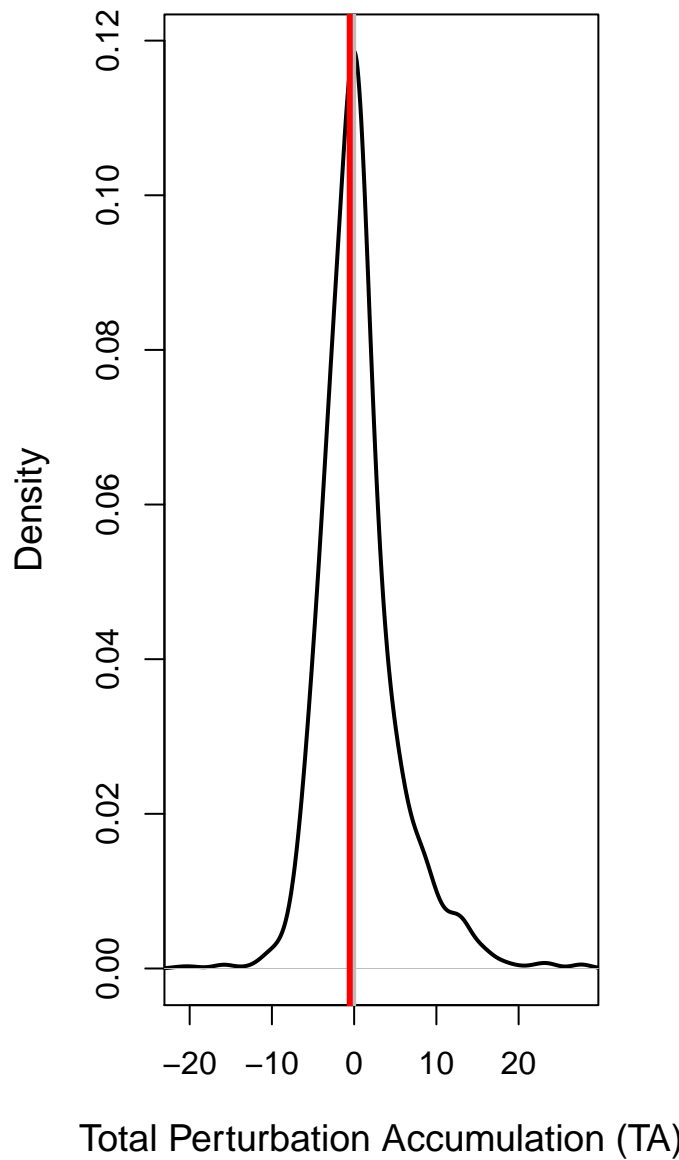
pathway ID=05213 P PERT=NA



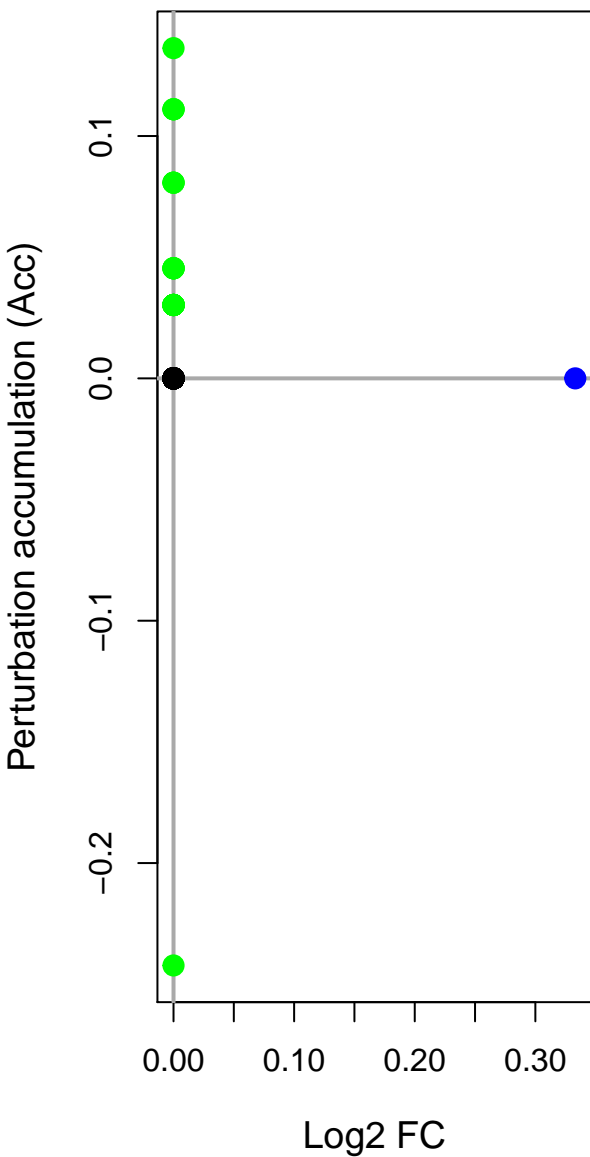
pathway ID=05214



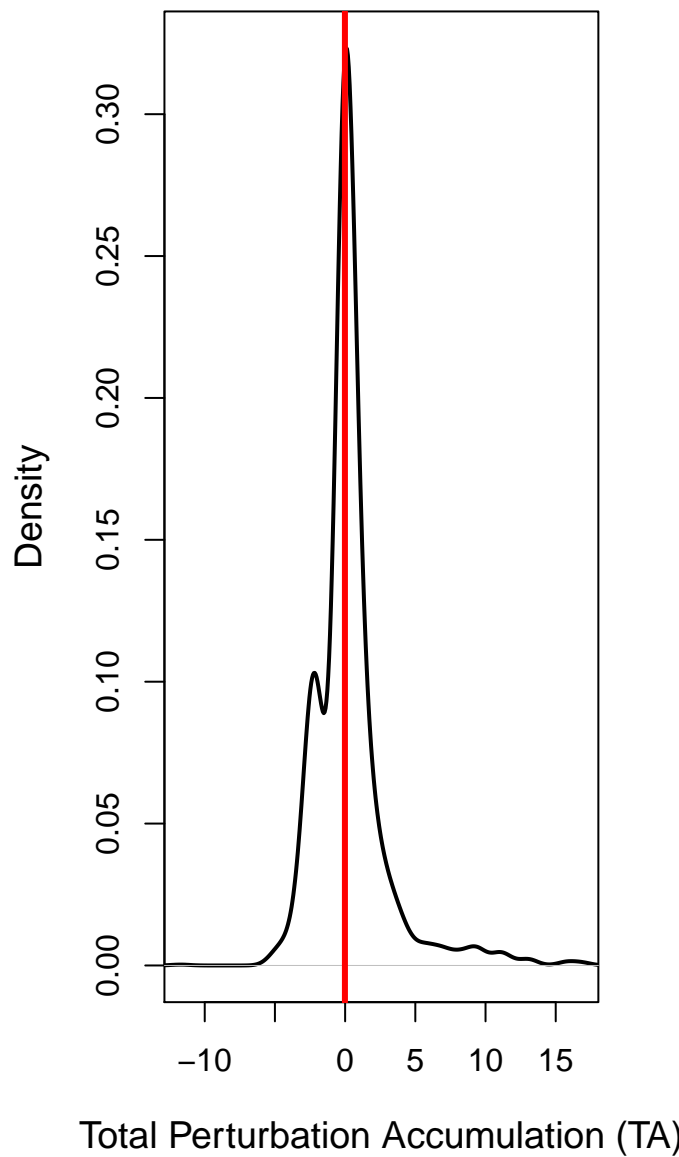
pathway ID=05214 P PERT=0.827



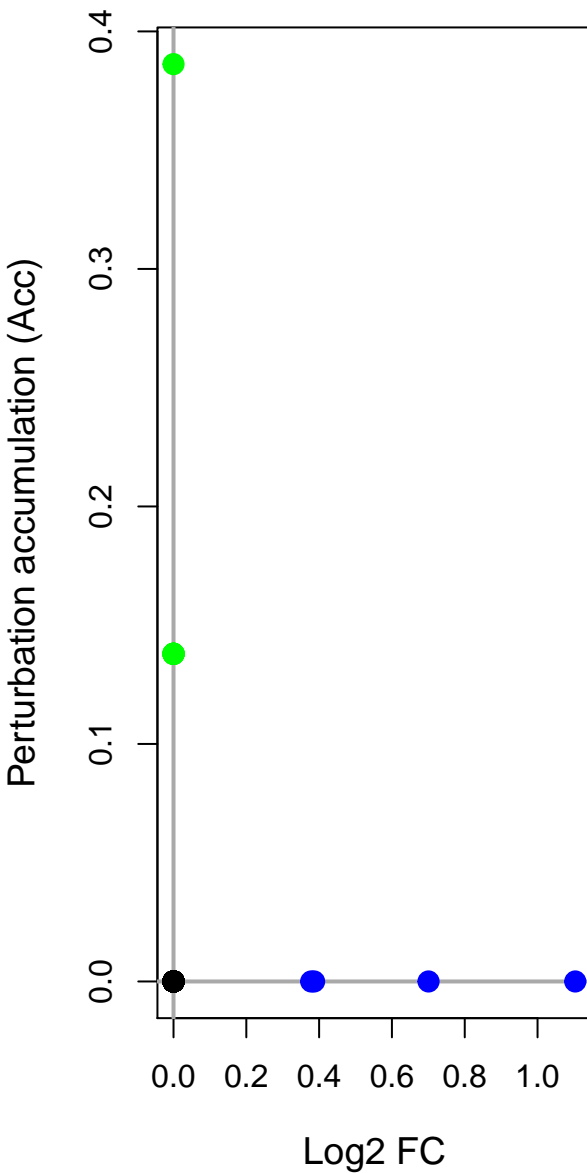
pathway ID=05218



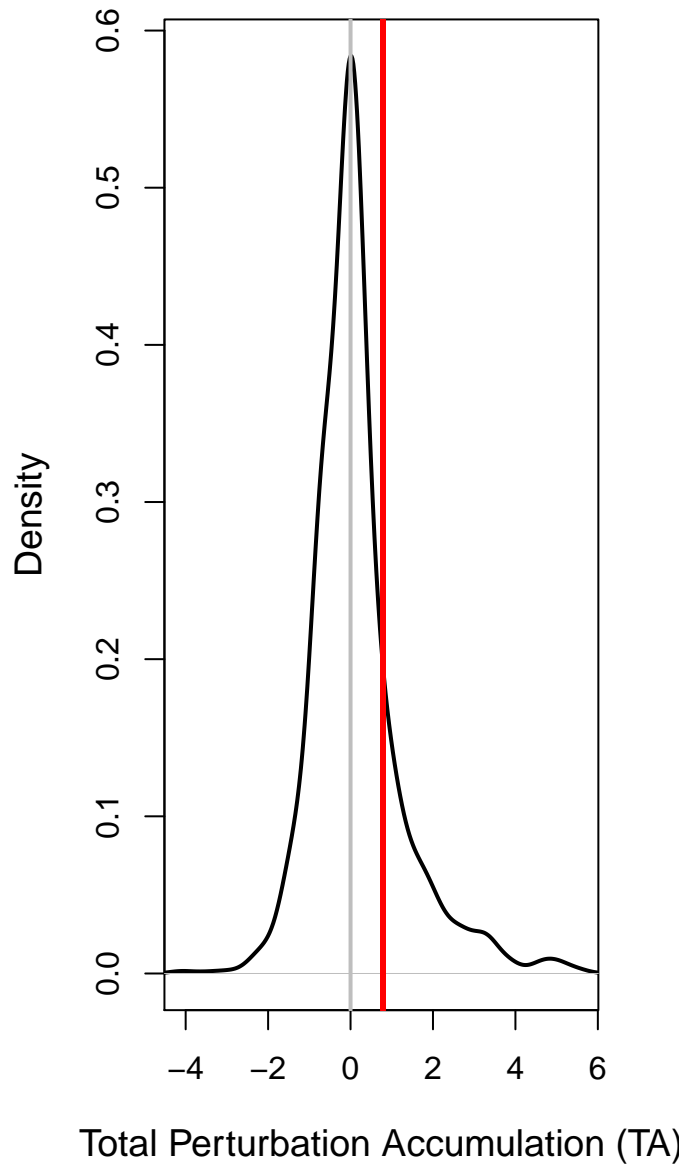
pathway ID=05218 P PERT=0.987



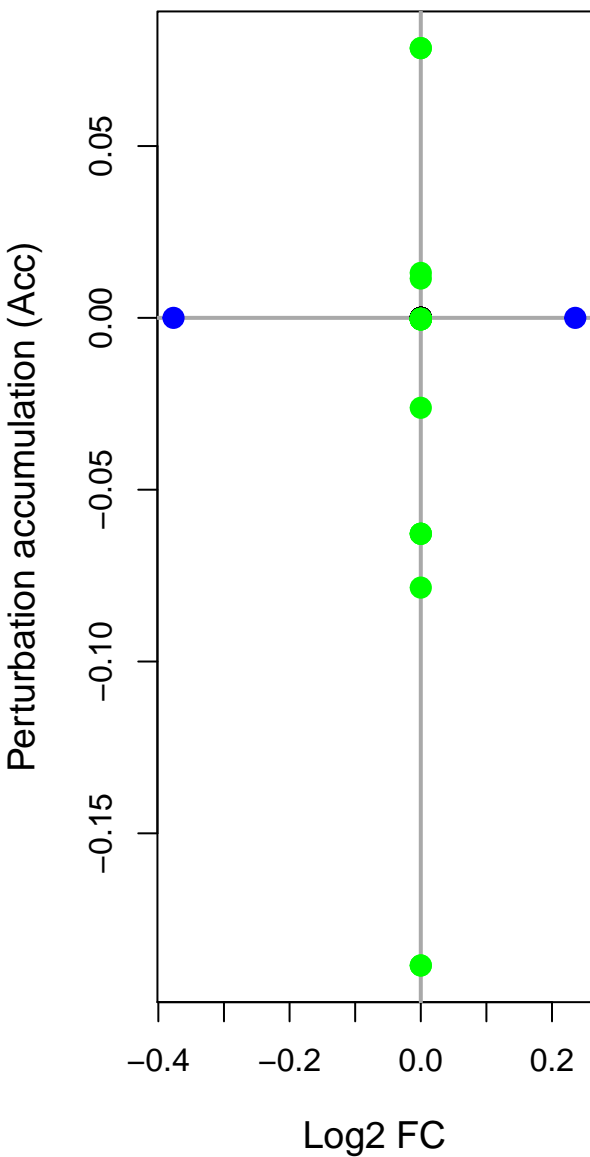
pathway ID=05220



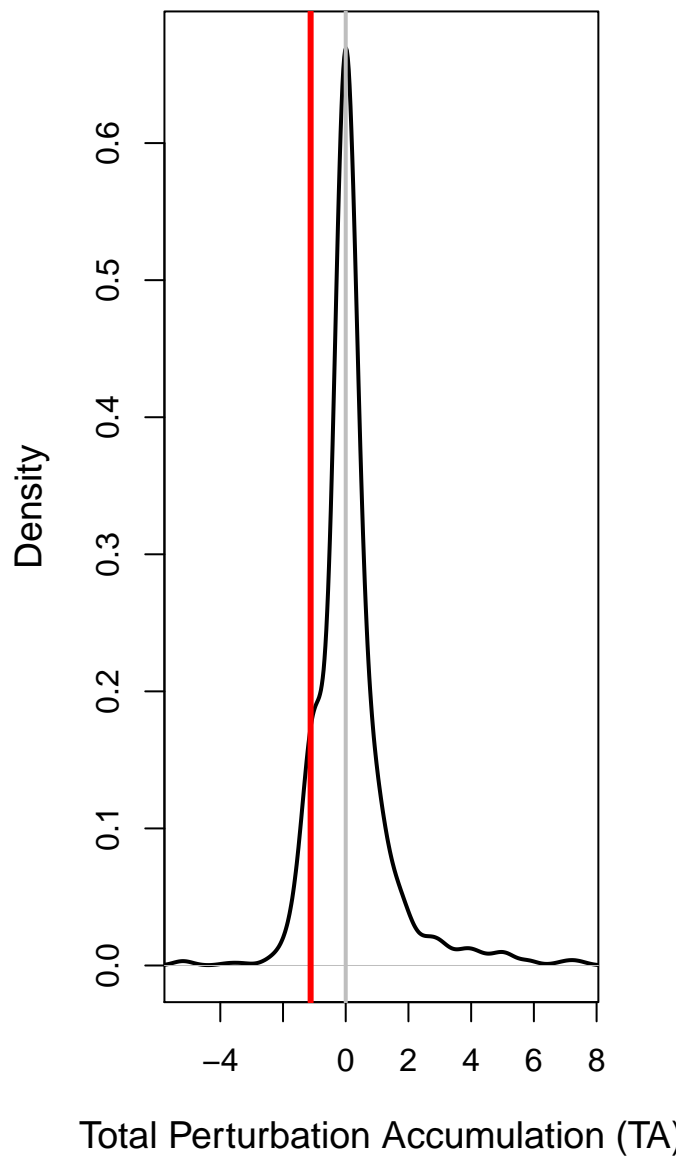
pathway ID=05220 P PERT=0.366



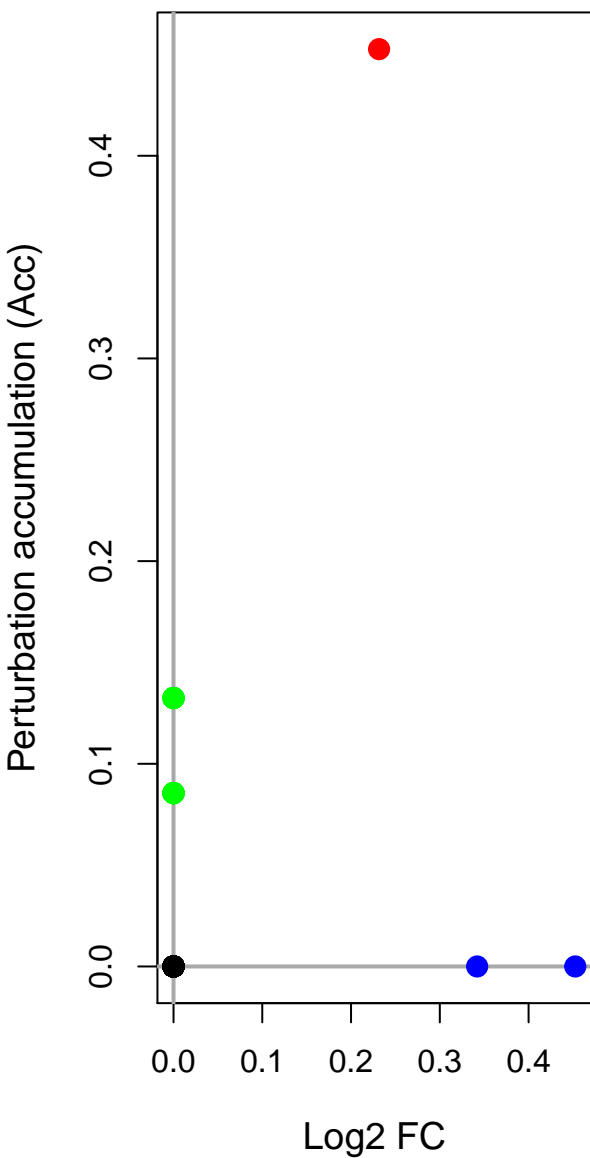
pathway ID=05221



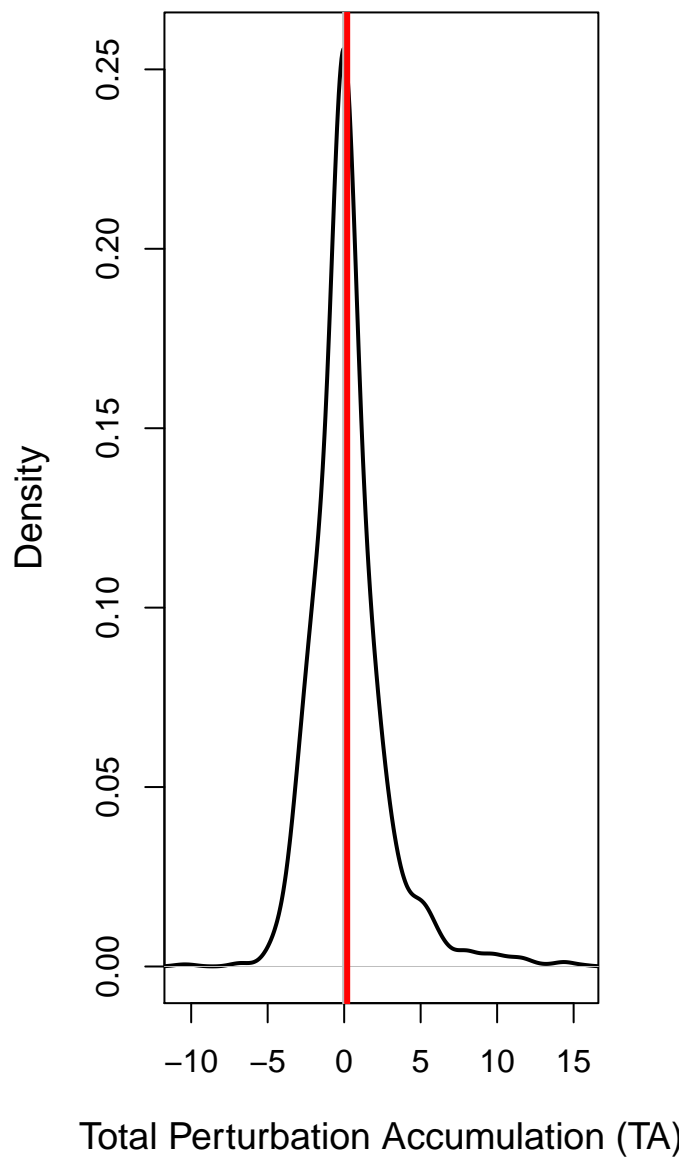
pathway ID=05221 P PERT=0.146



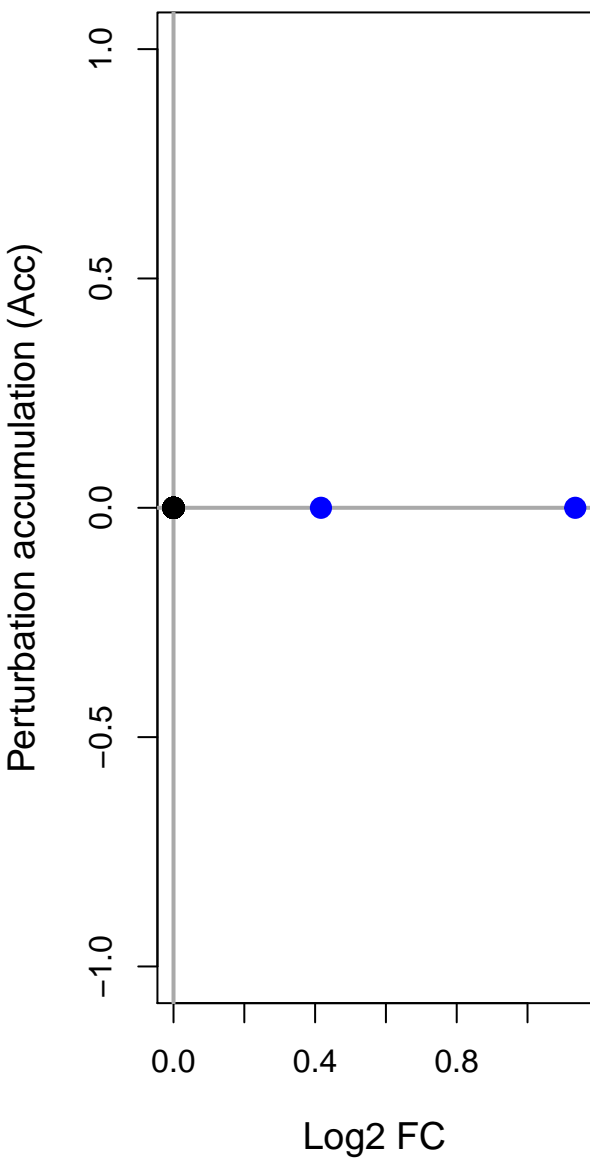
pathway ID=05222



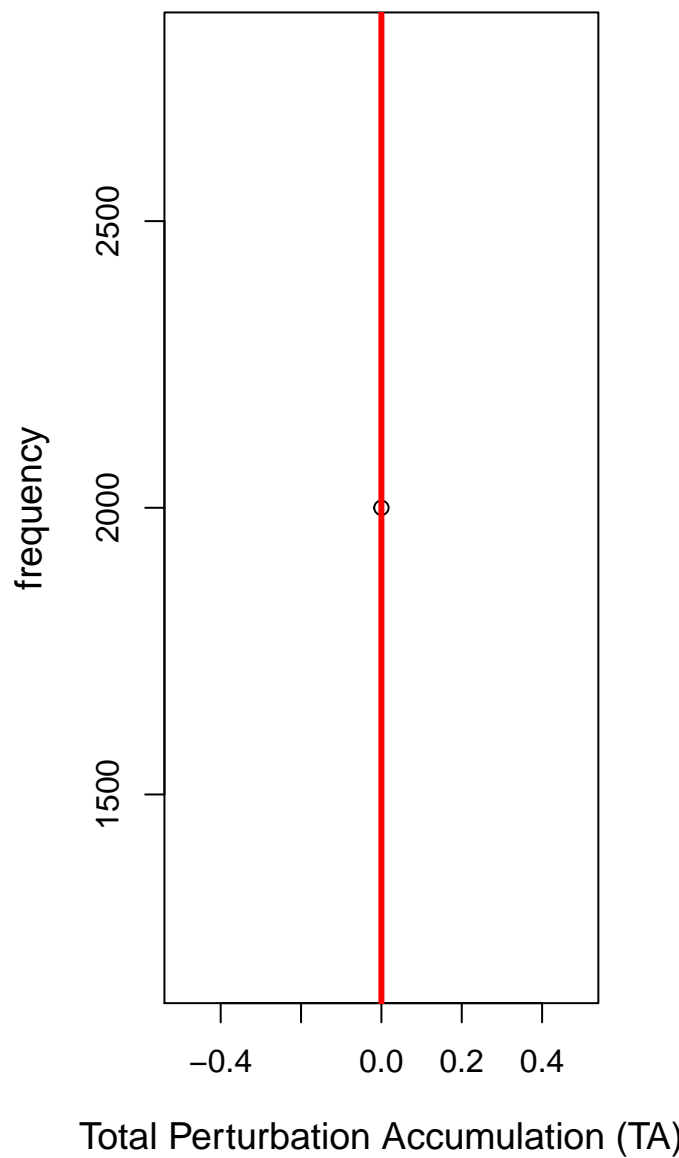
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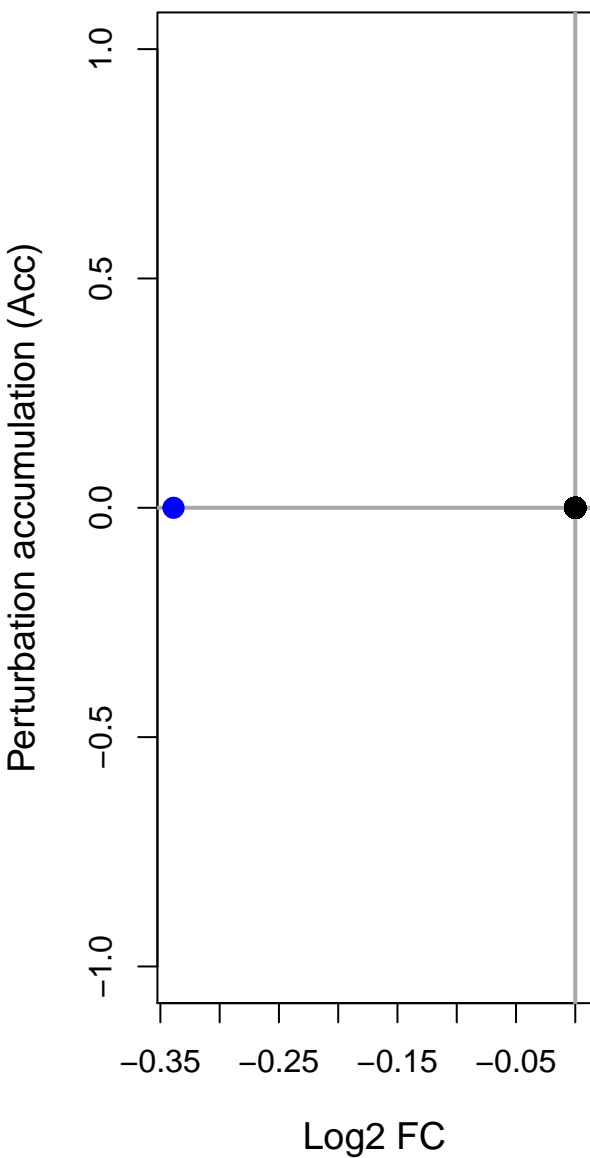
pathway ID=05223



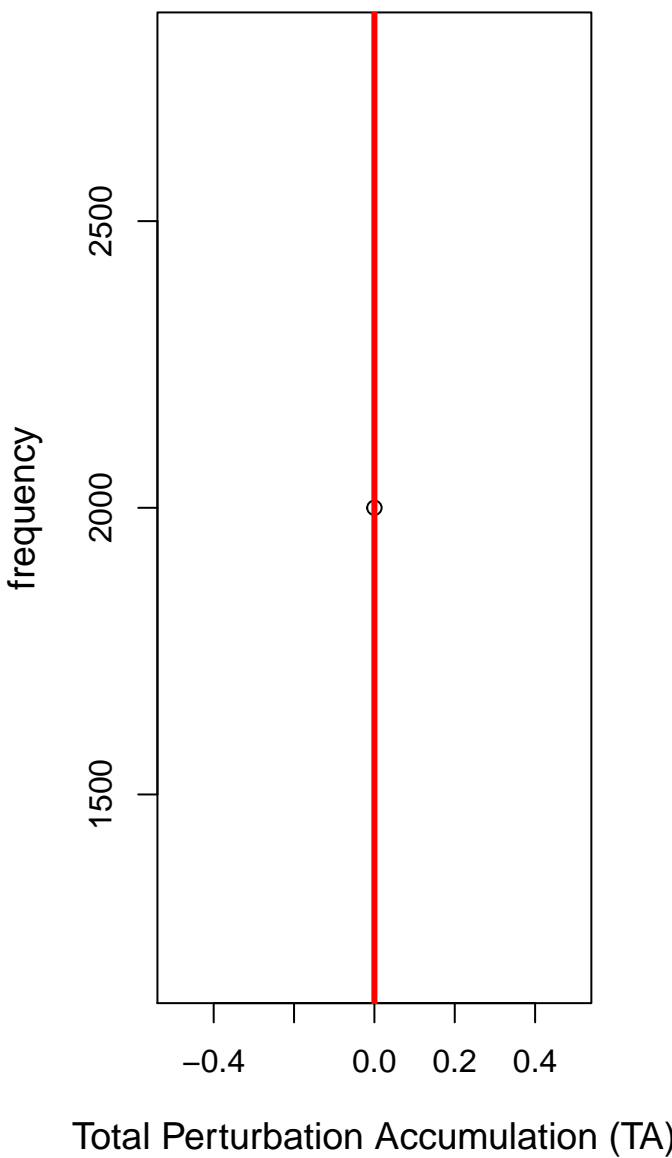
pathway ID=05223 P PERT=NA



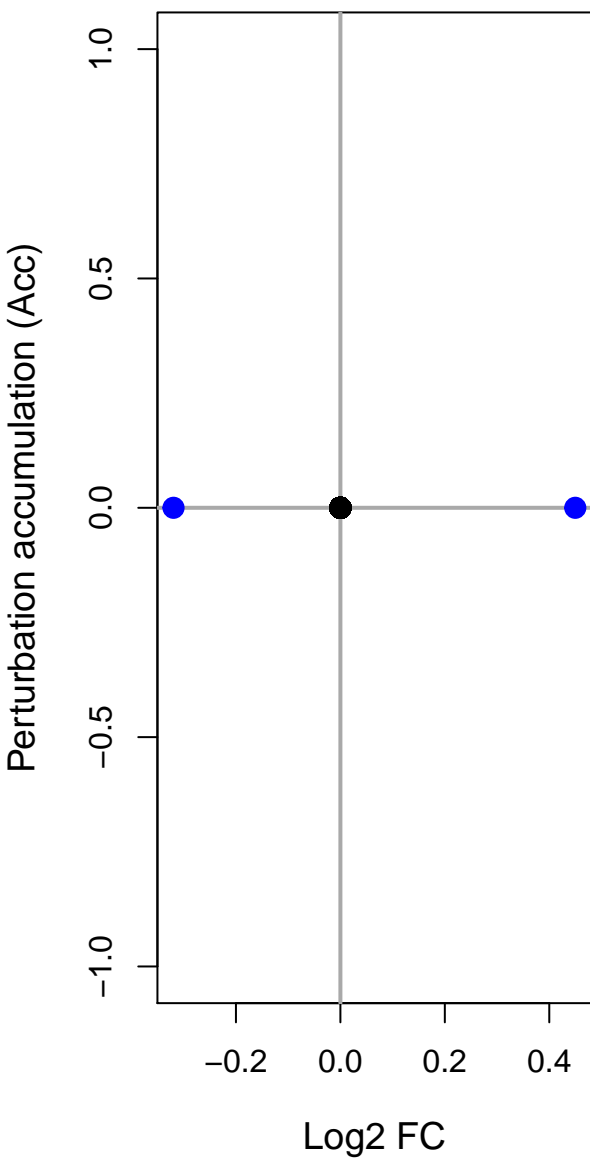
pathway ID=05322



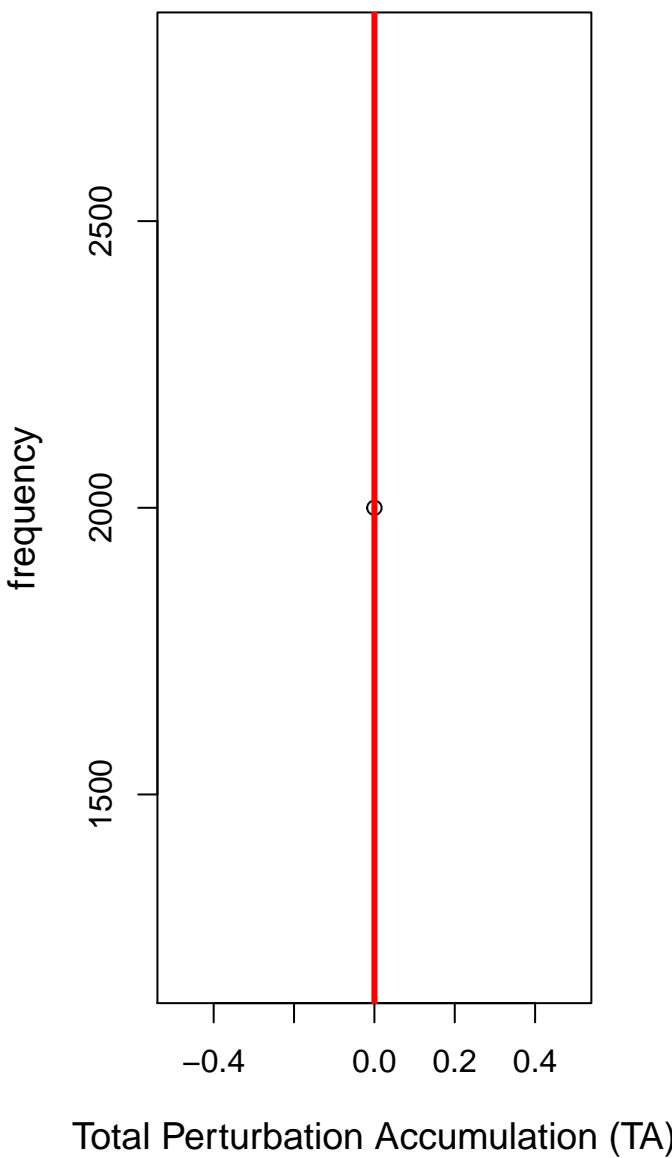
pathway ID=05322 P PERT=NA



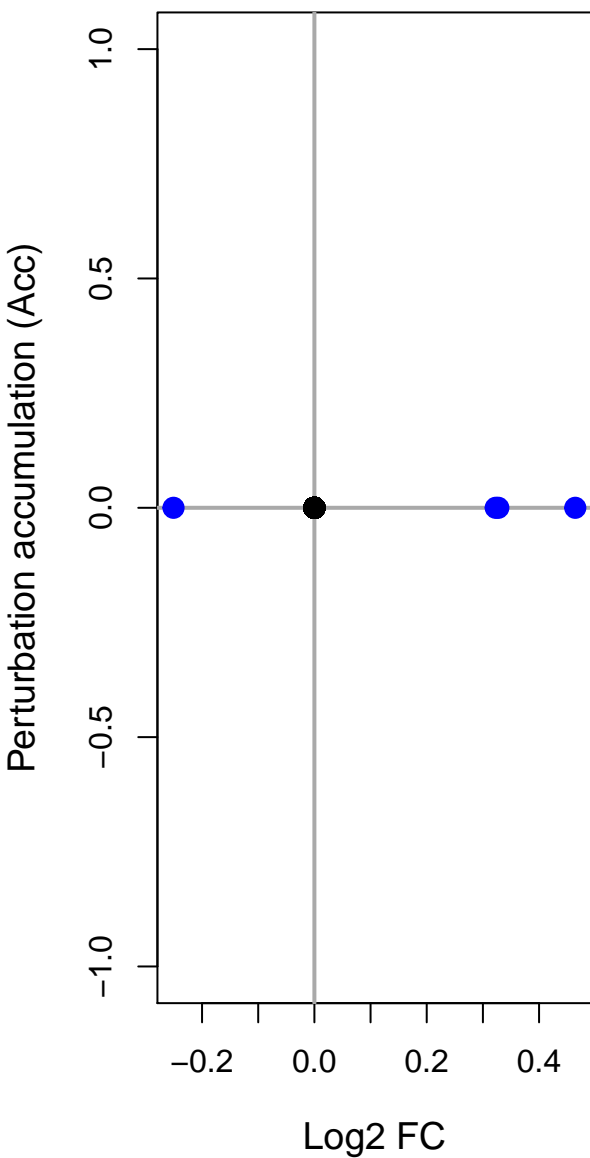
pathway ID=05323



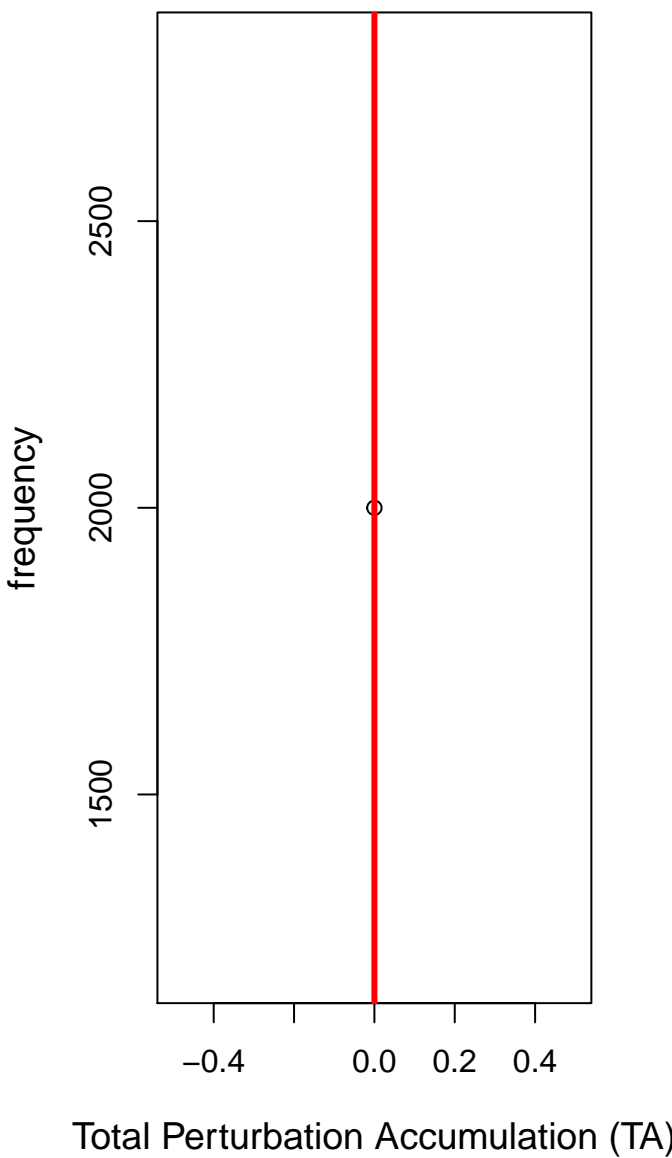
pathway ID=05323 P PERT=NA



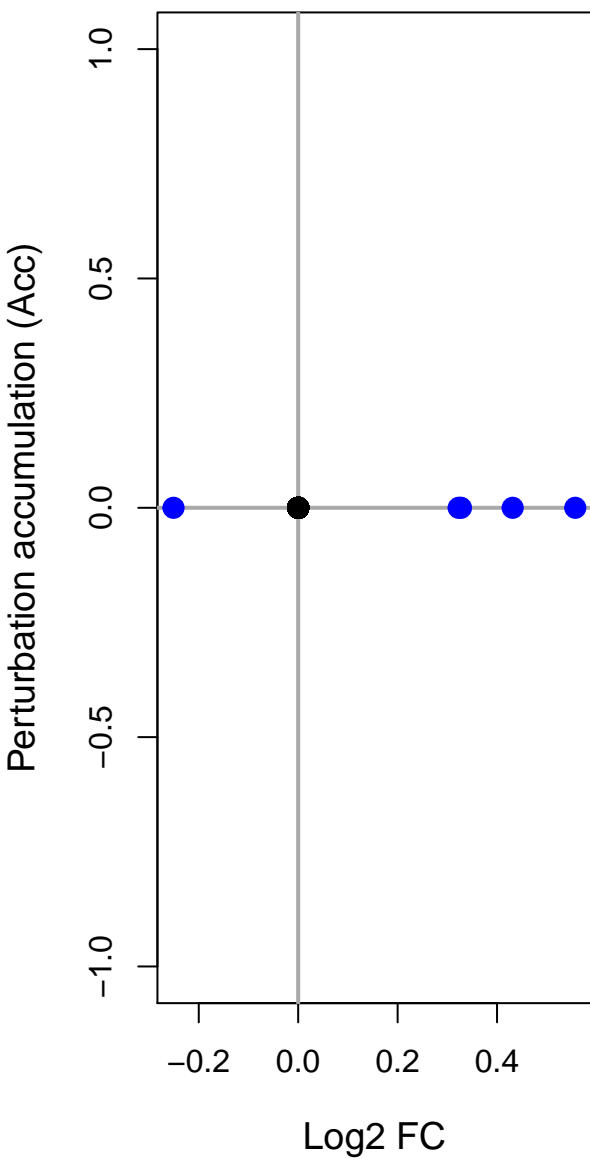
pathway ID=05412



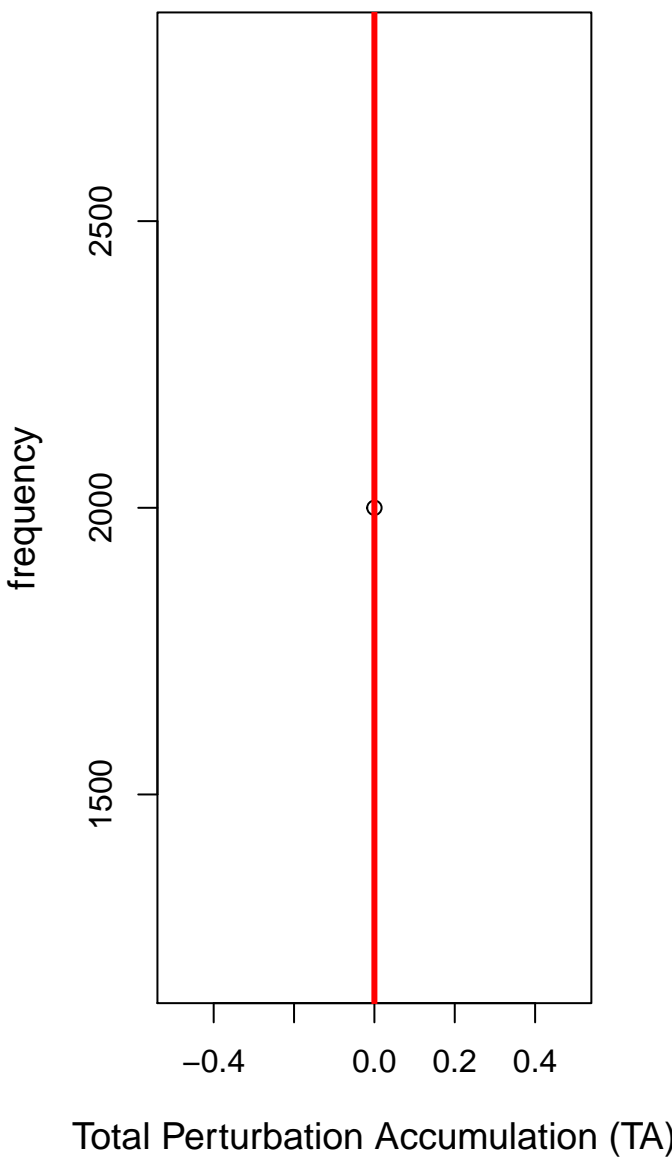
pathway ID=05412 P PERT=NA



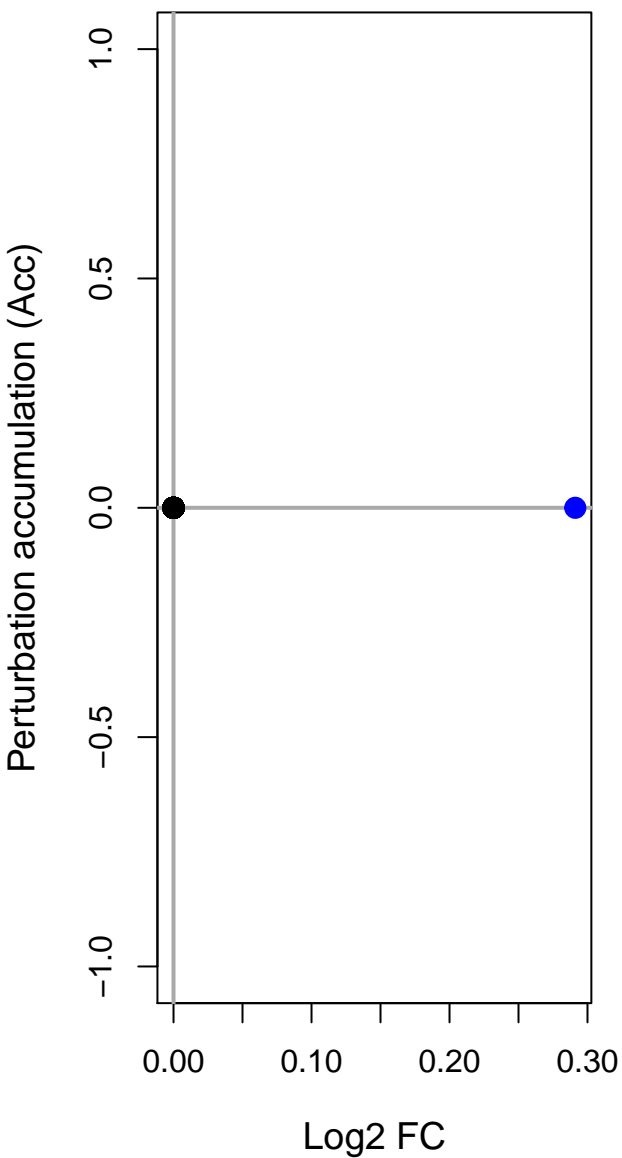
pathway ID=05414



pathway ID=05414 P PERT=NA



pathway ID=05416



pathway ID=05416 P PERT=NA

