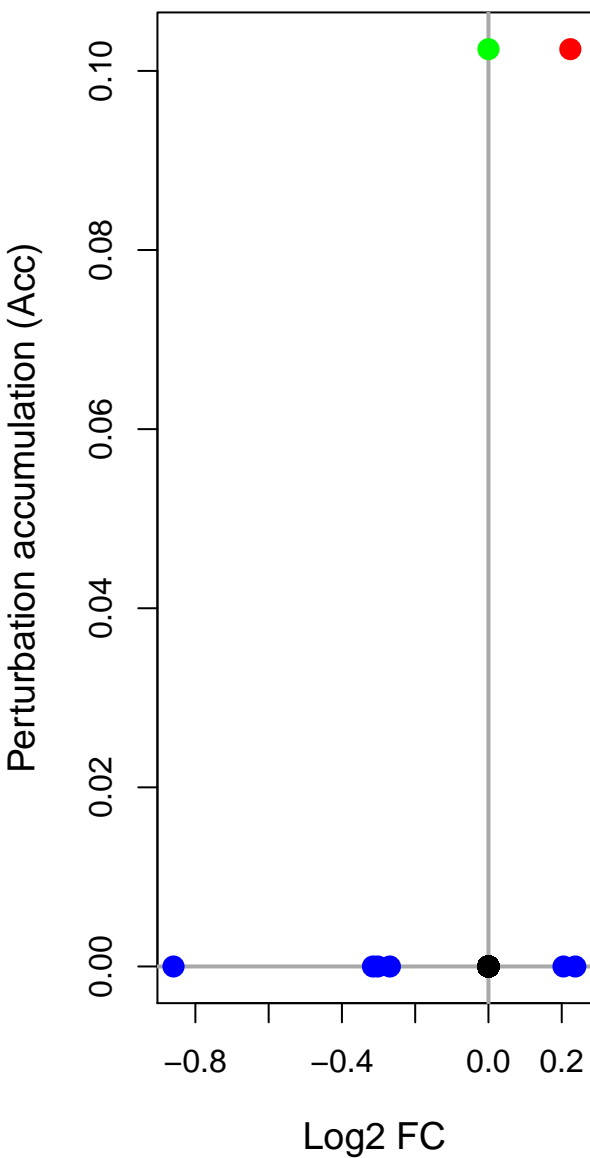
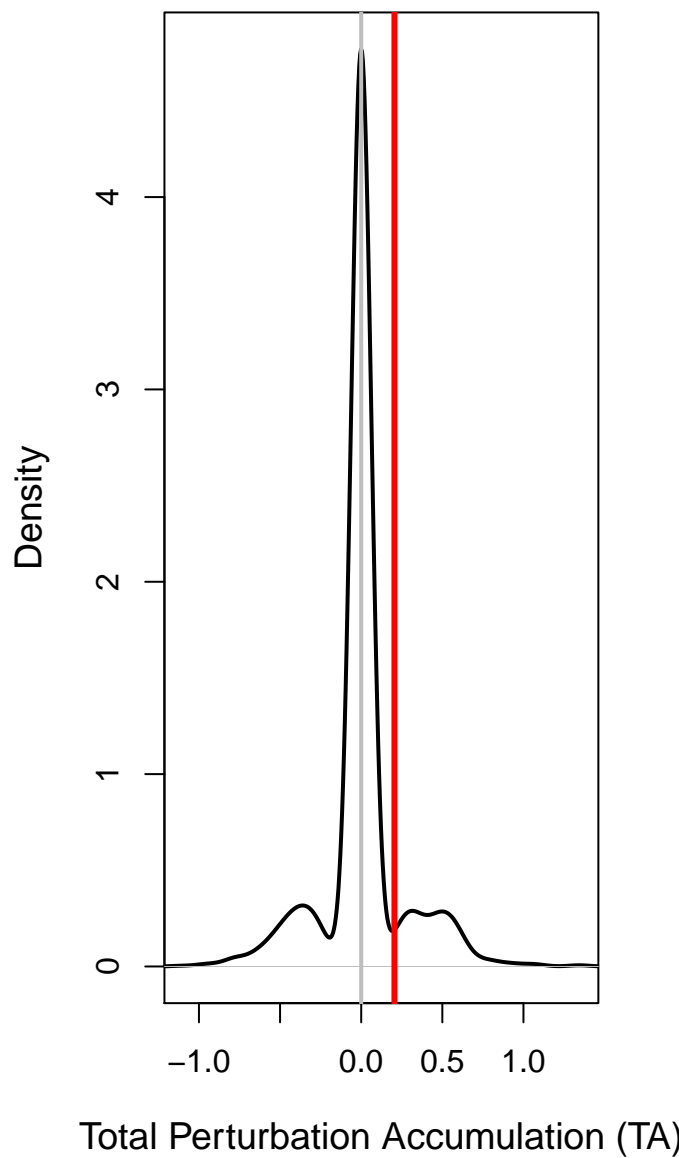


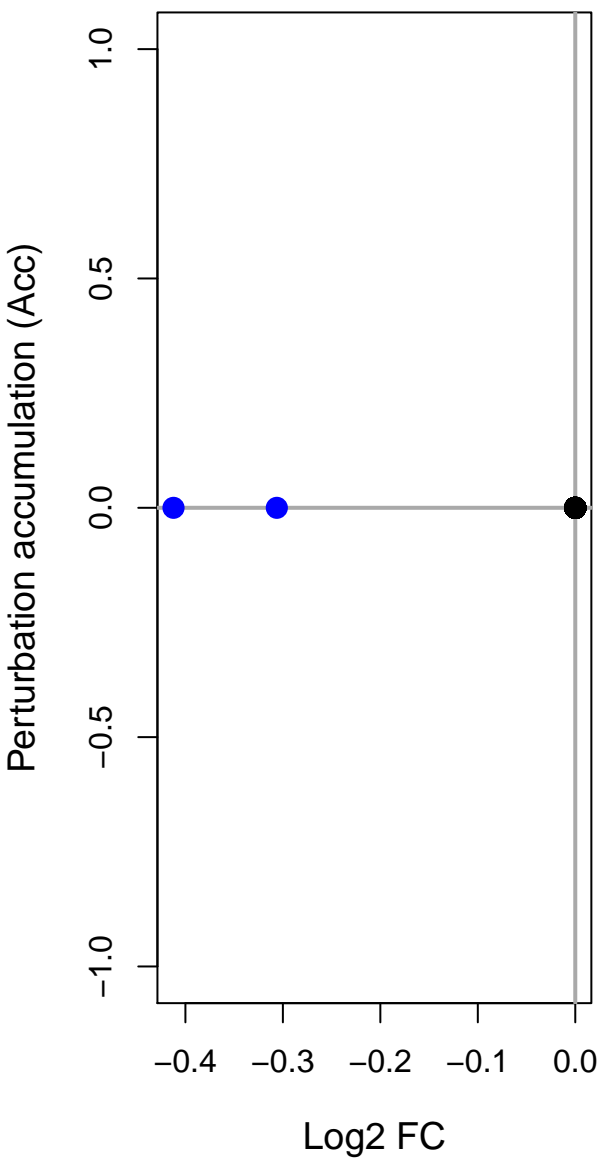
pathway ID=03013



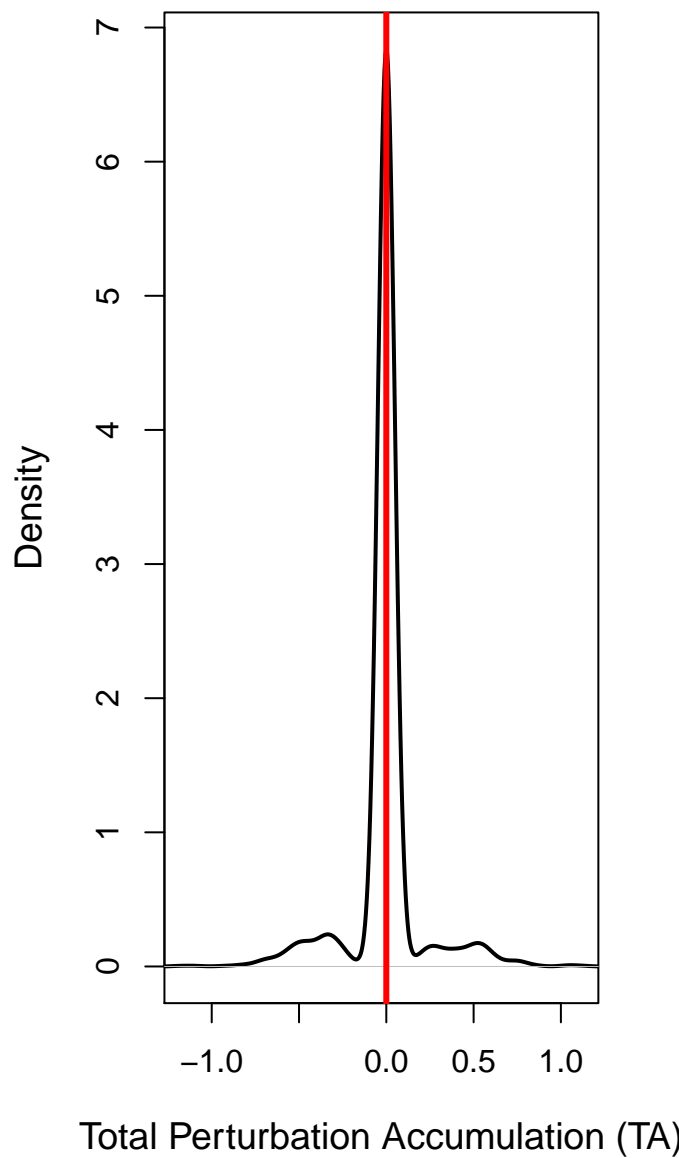
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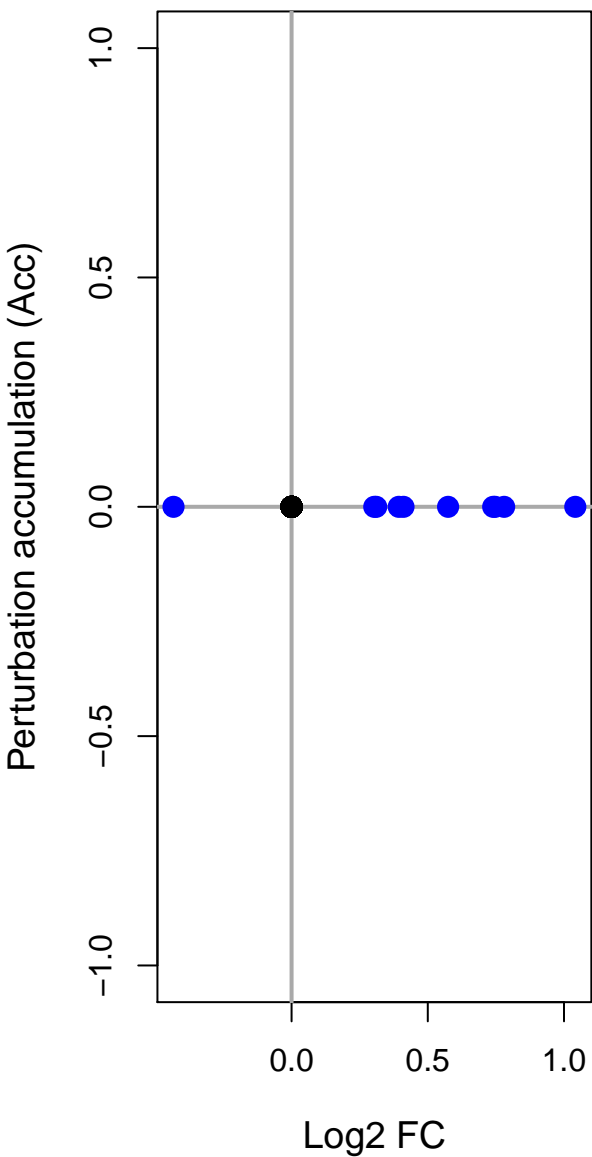
pathway ID=03018



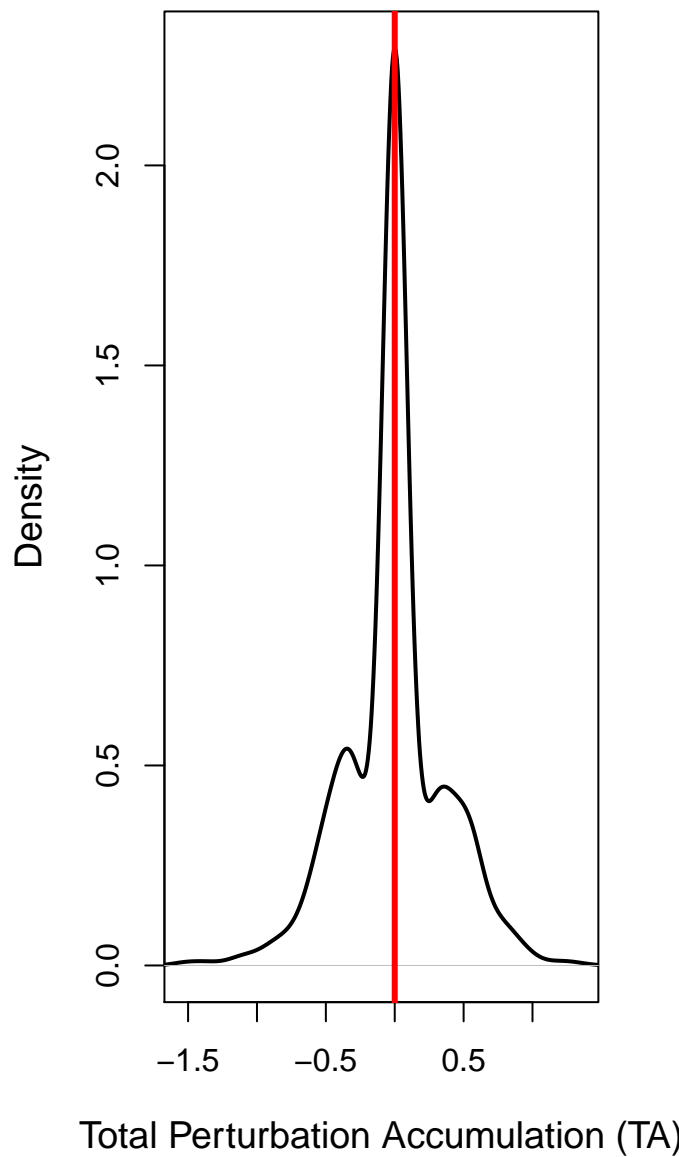
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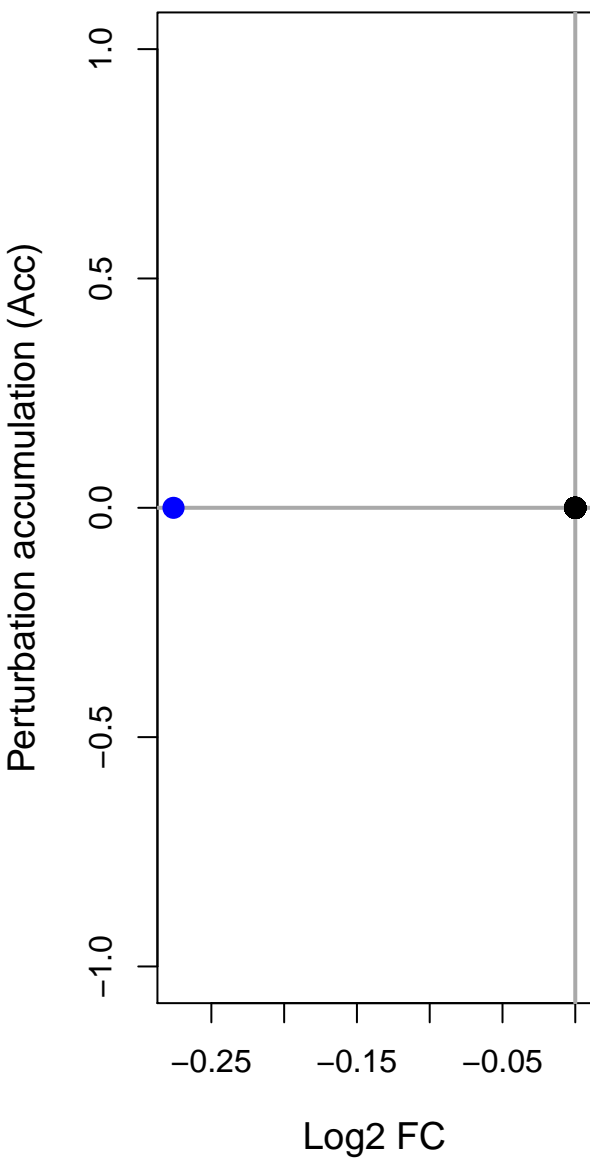
pathway ID=03320



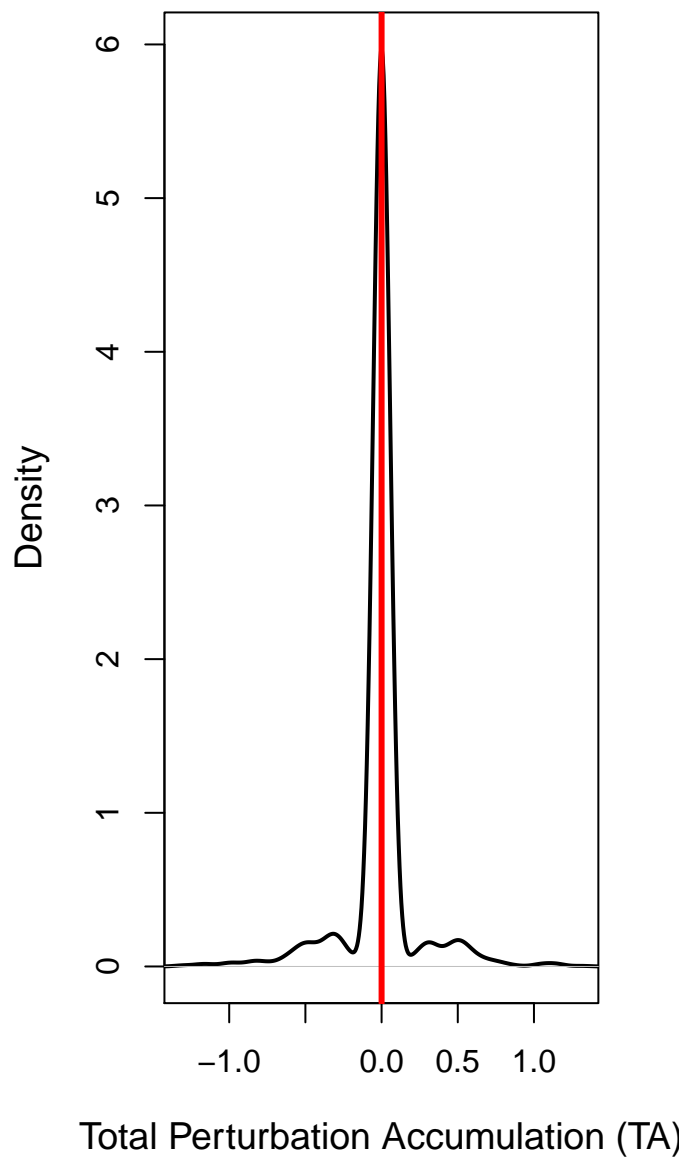
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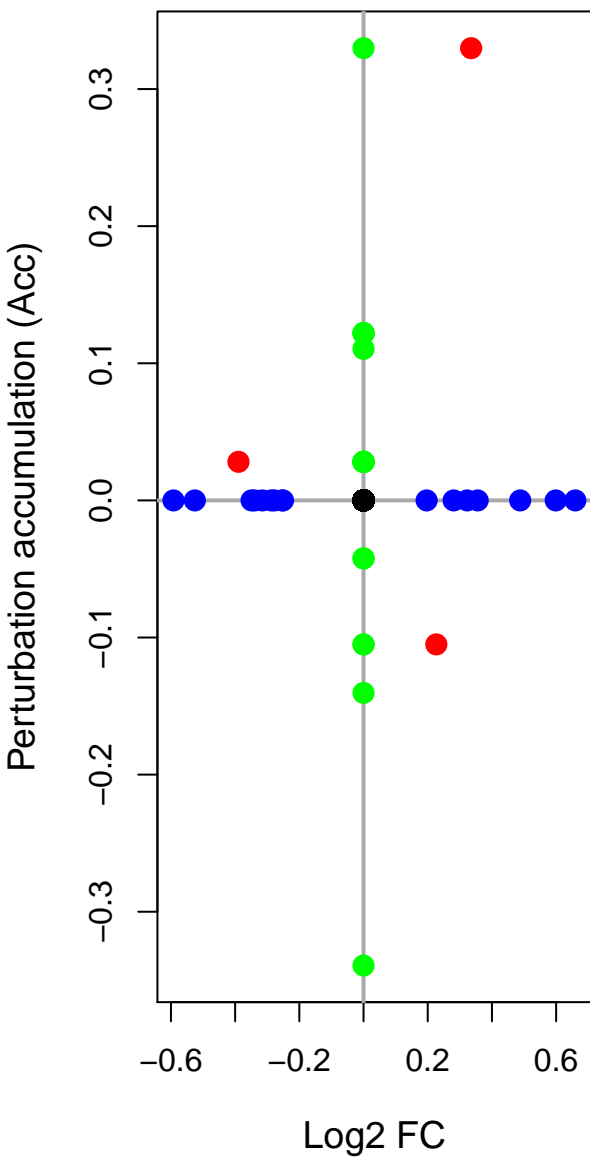
pathway ID=03460



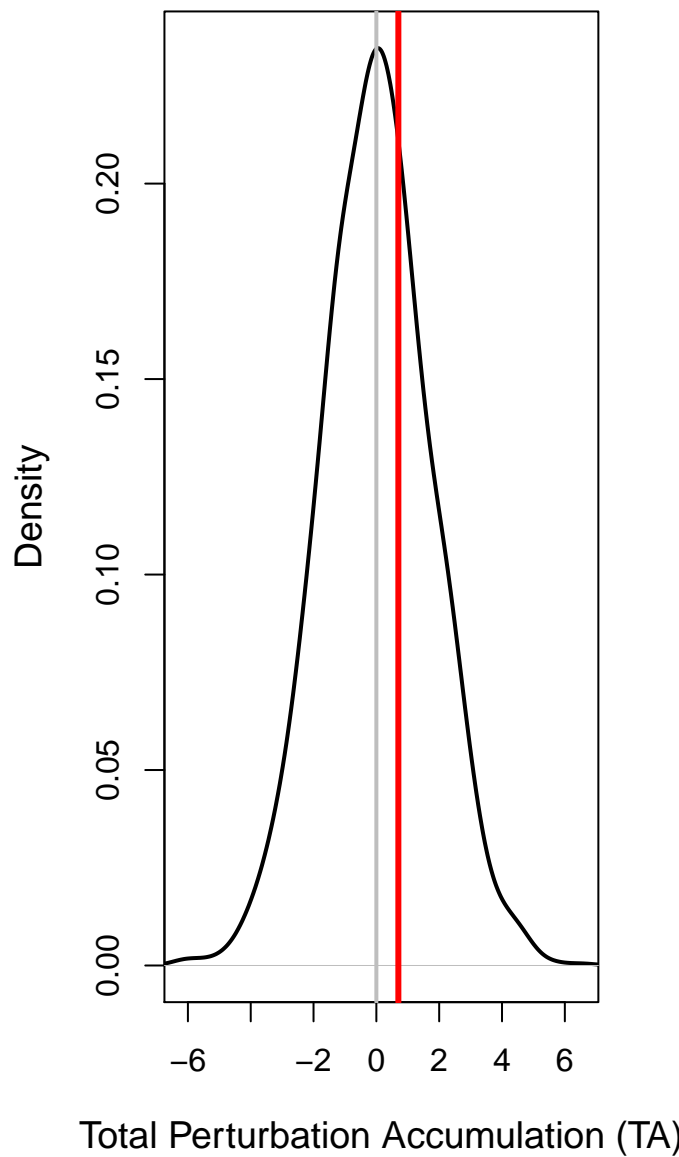
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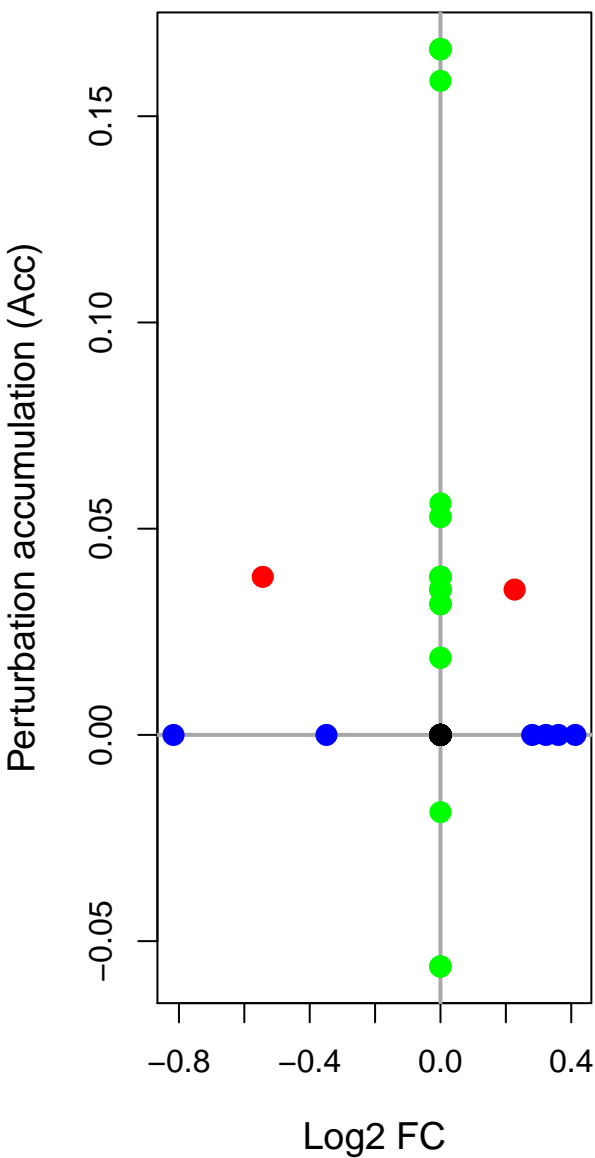
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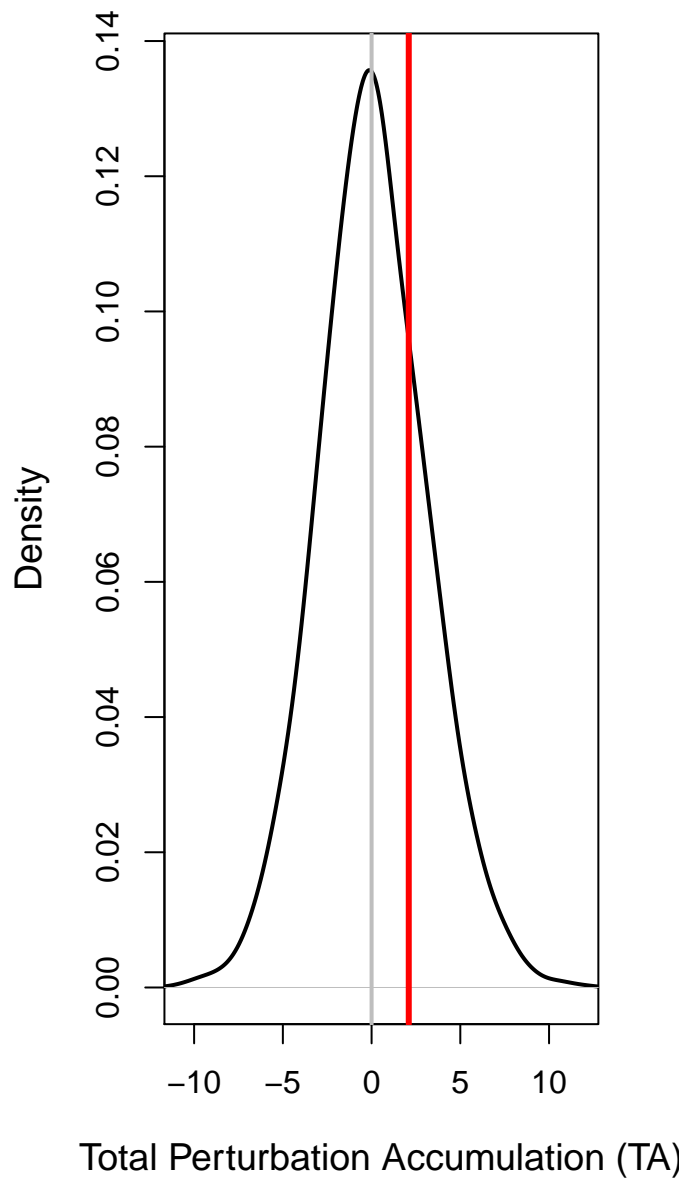
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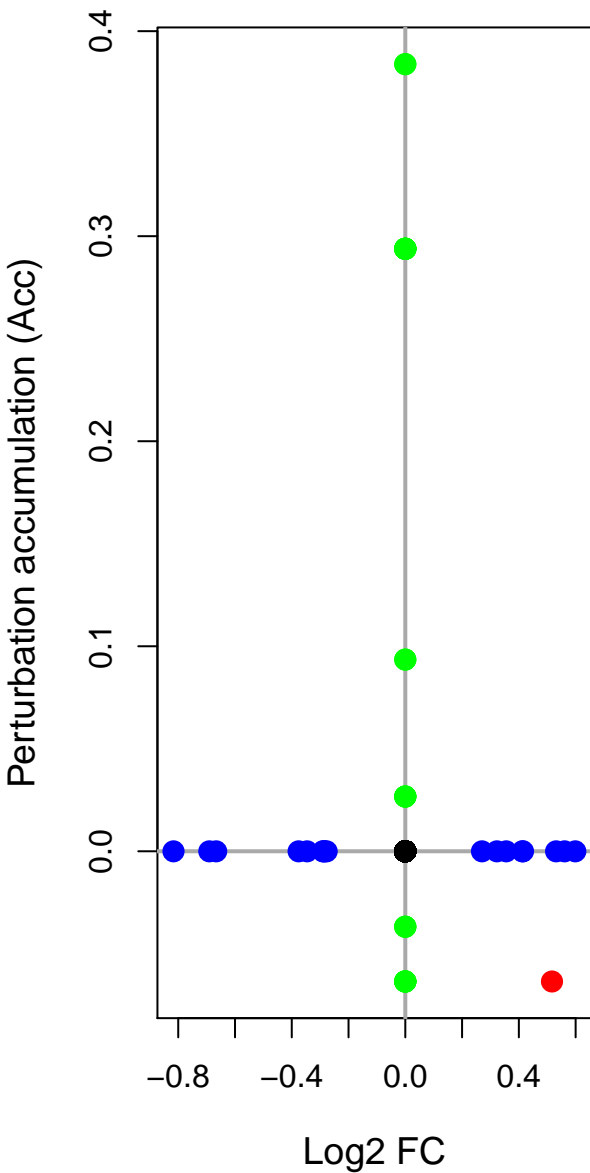
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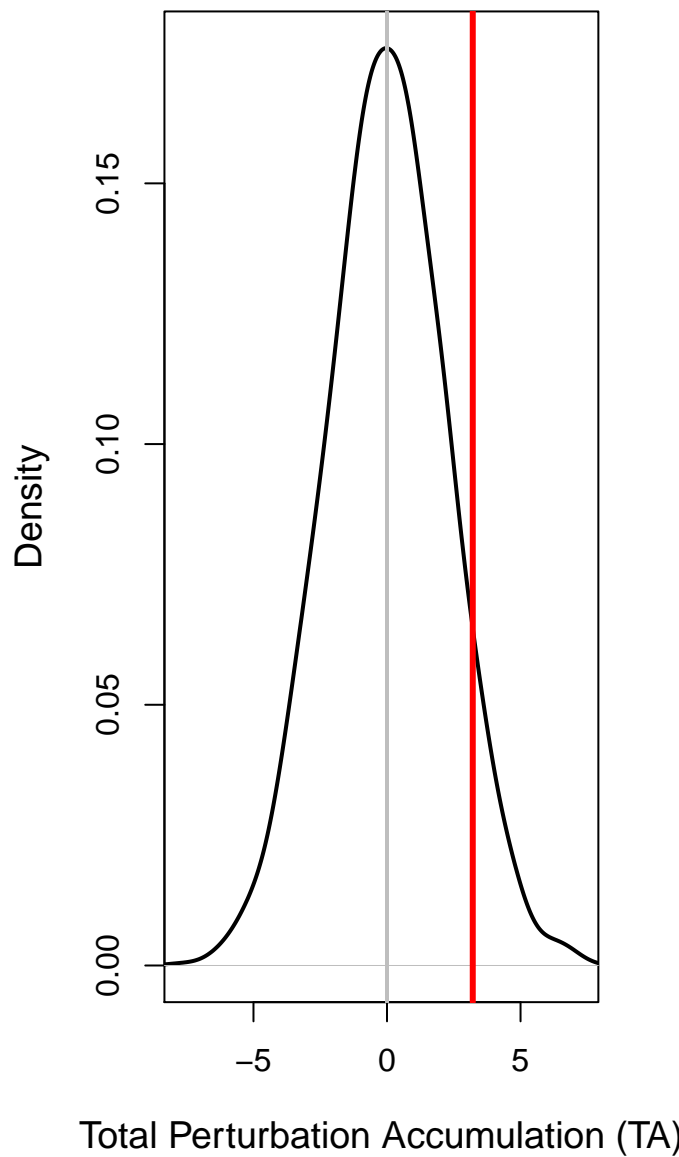
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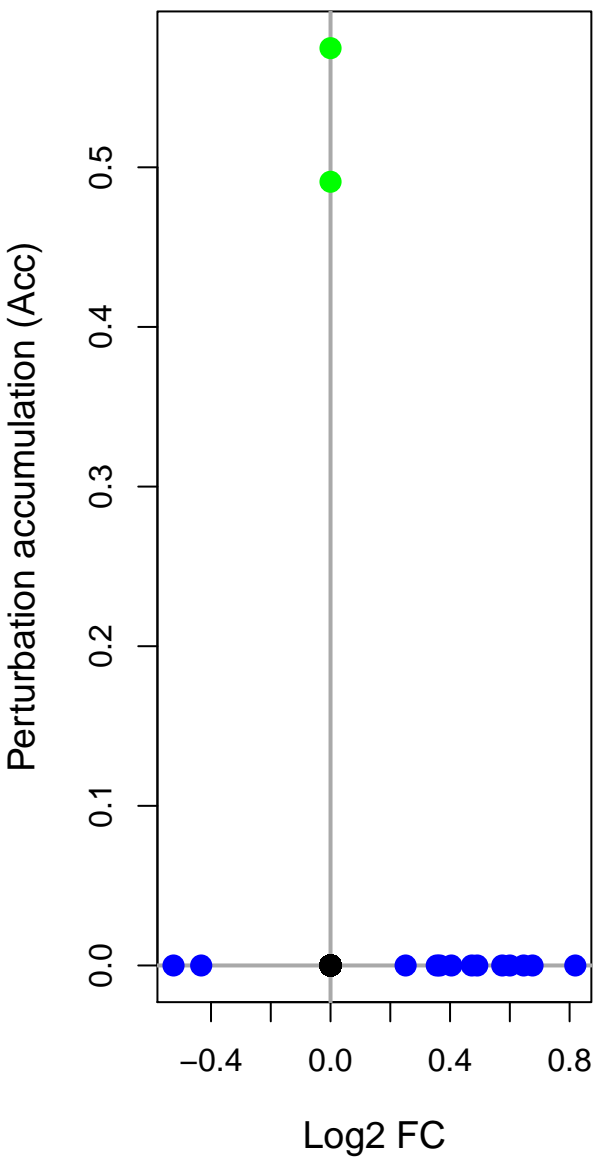
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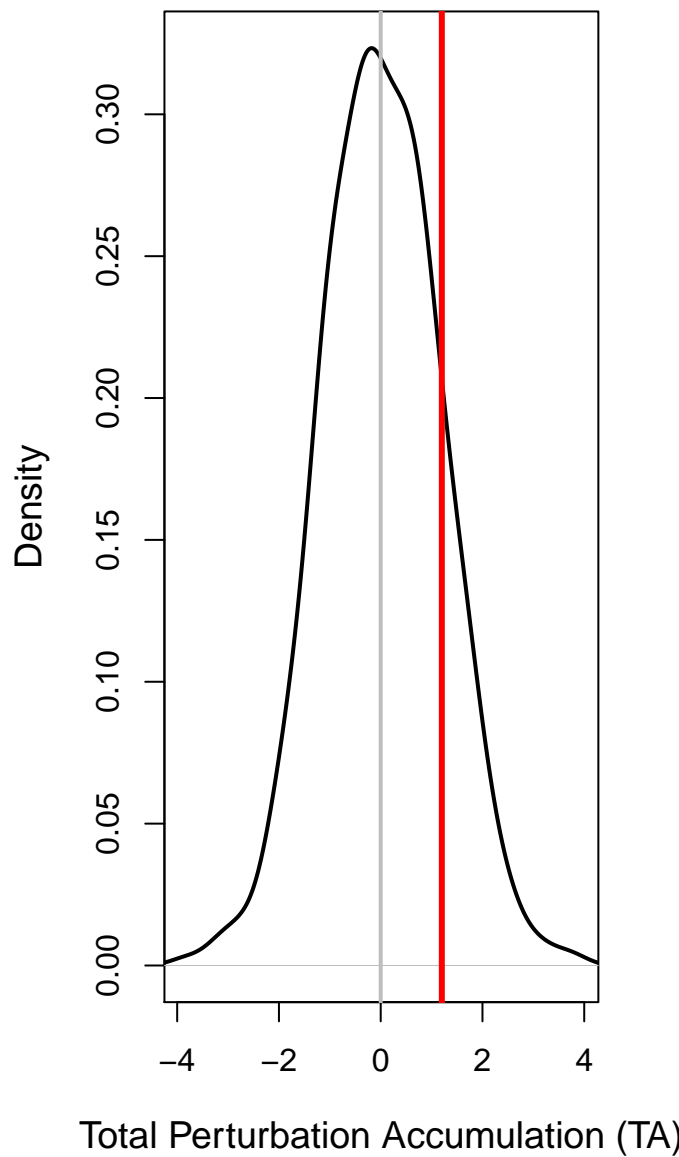
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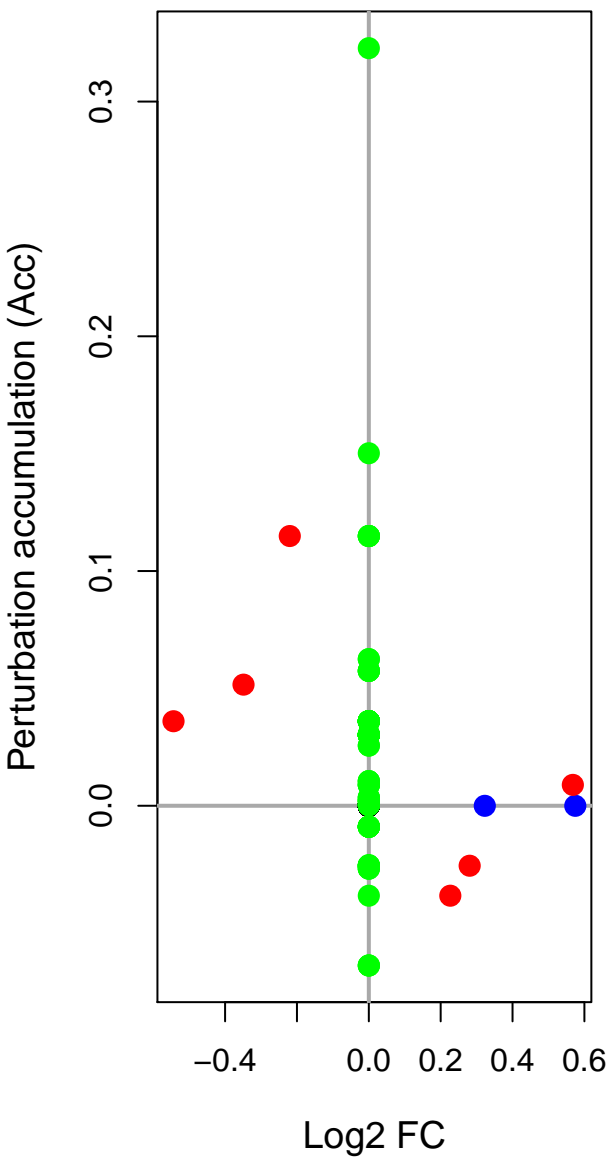
pathway ID=04060



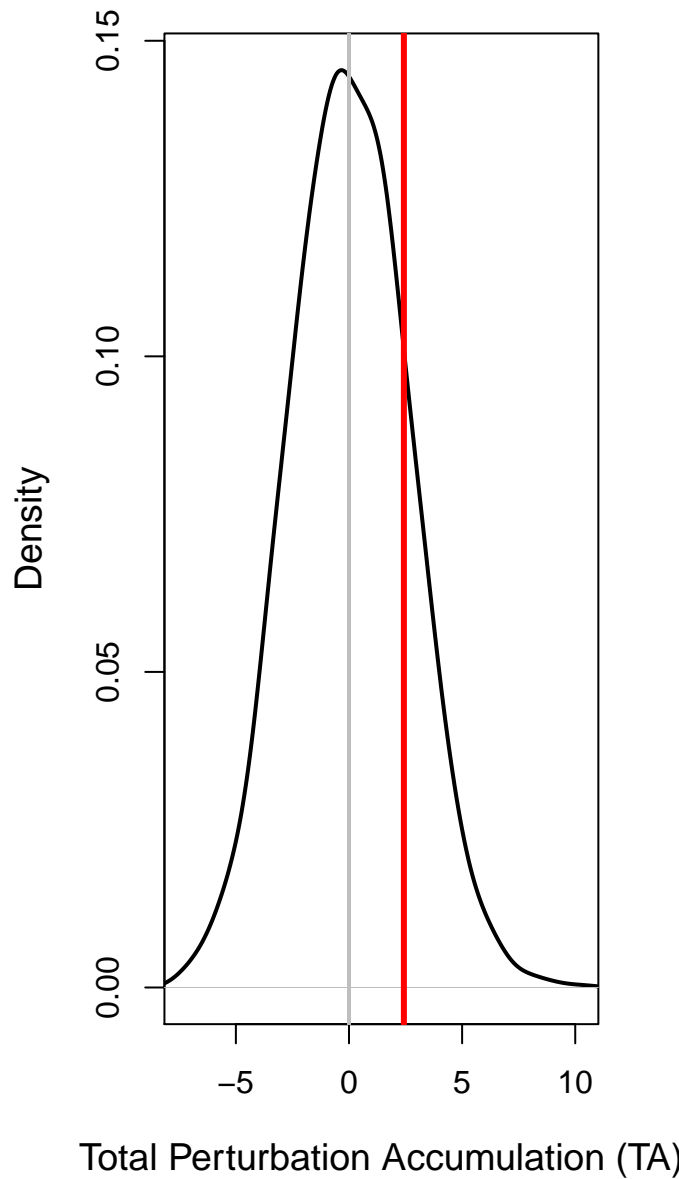
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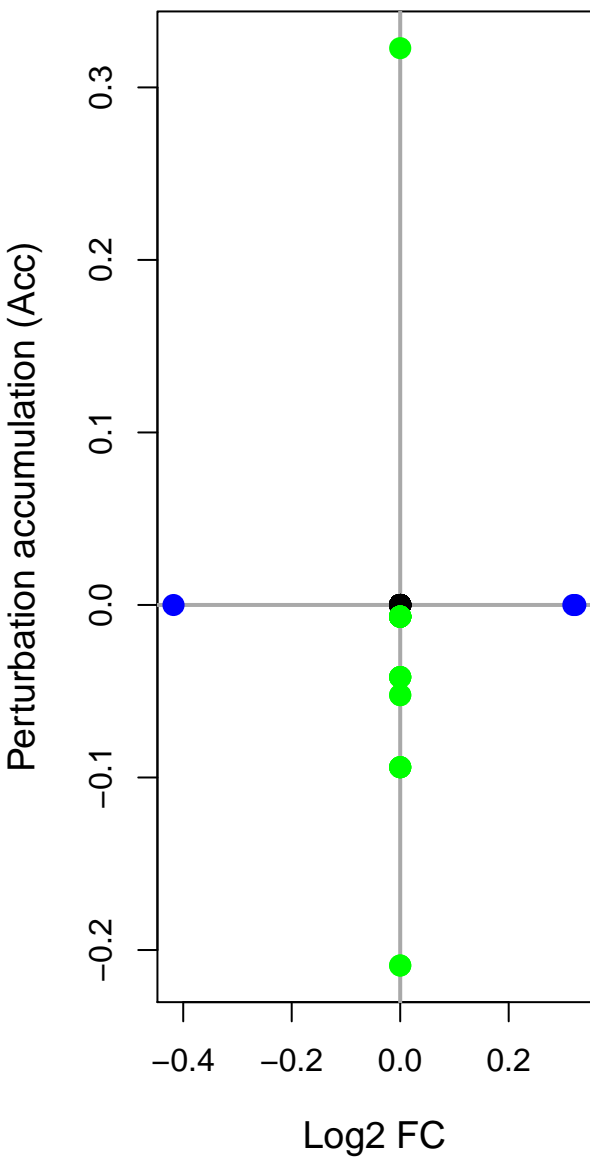
pathway ID=04062



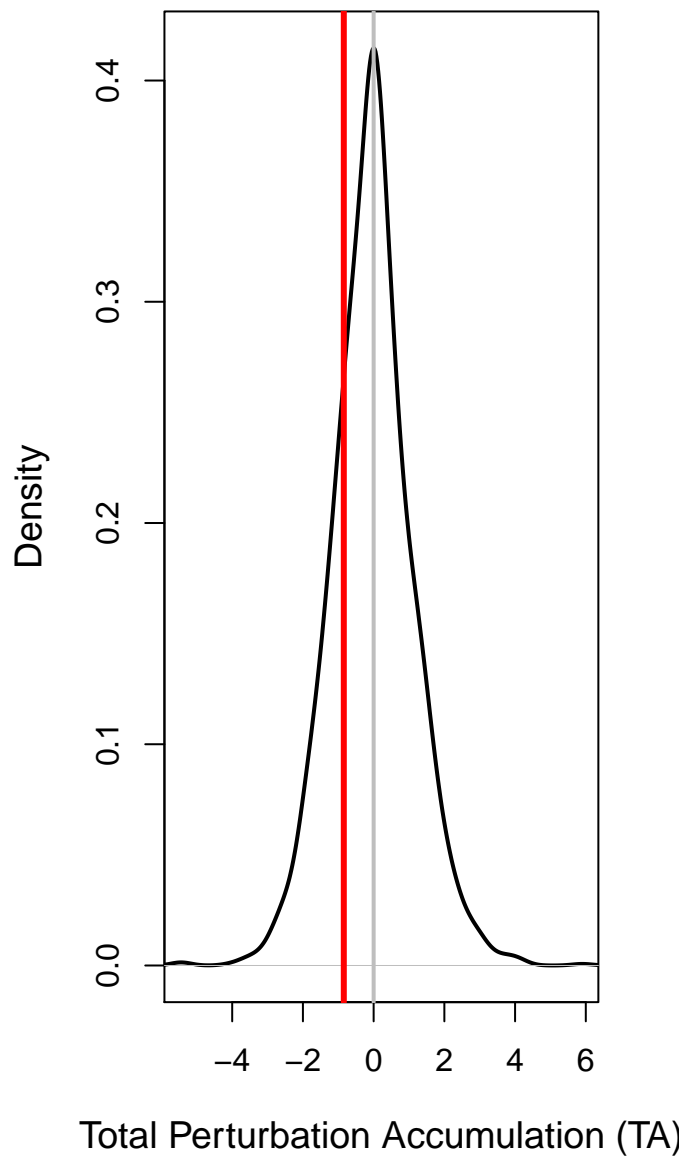
pathway ID=04062 P PERT=0.349



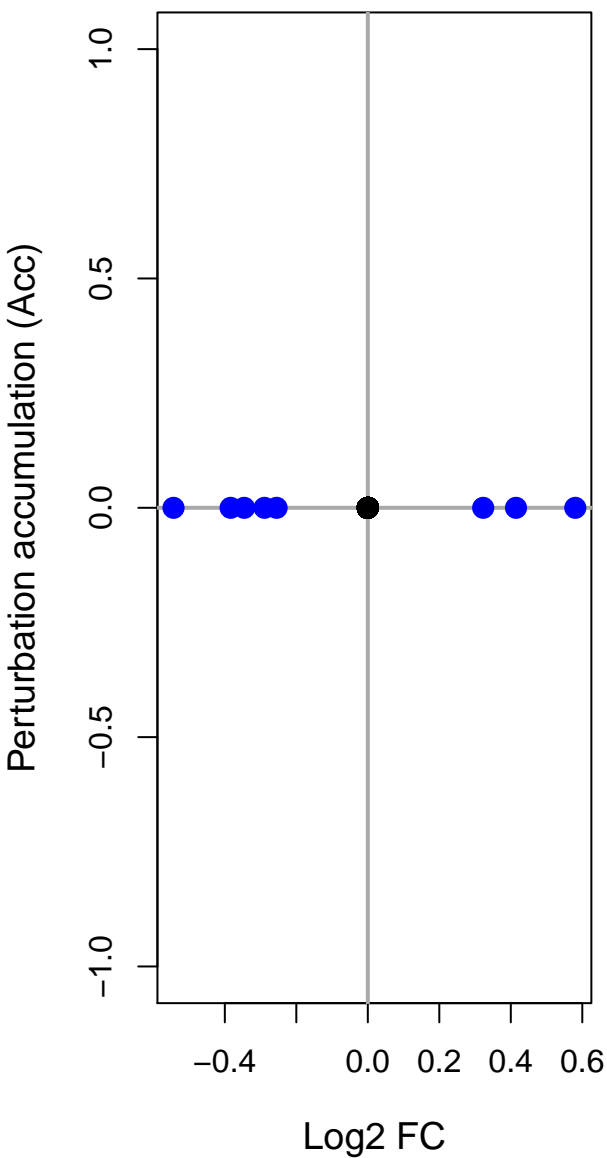
pathway ID=04064



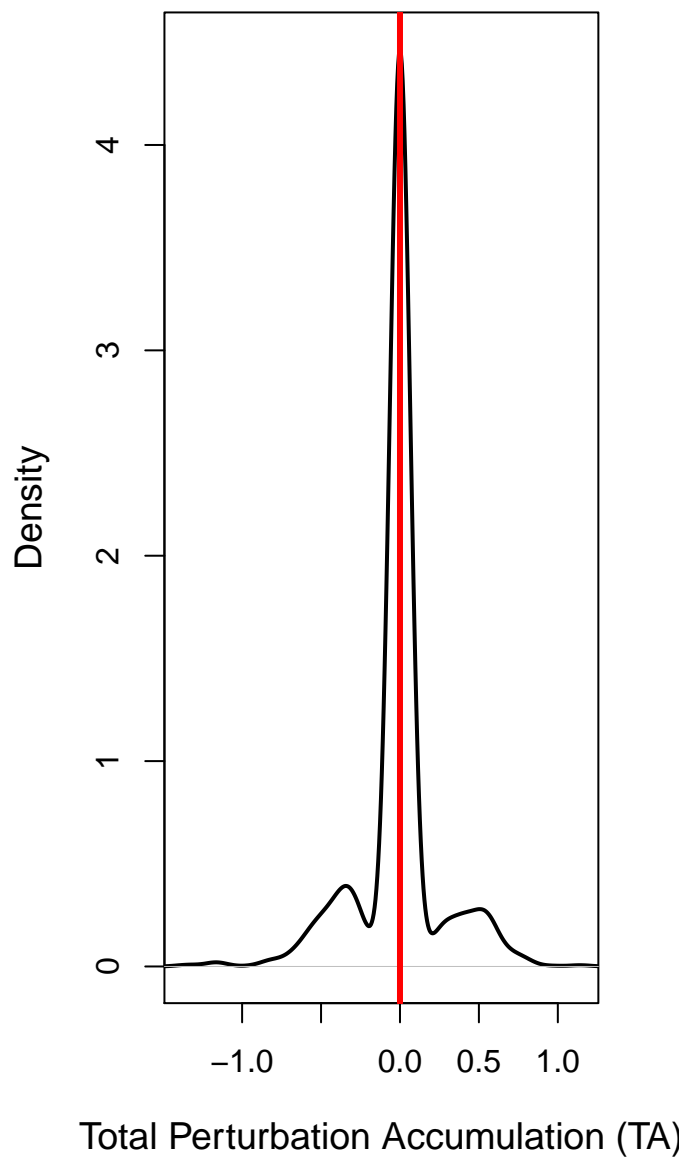
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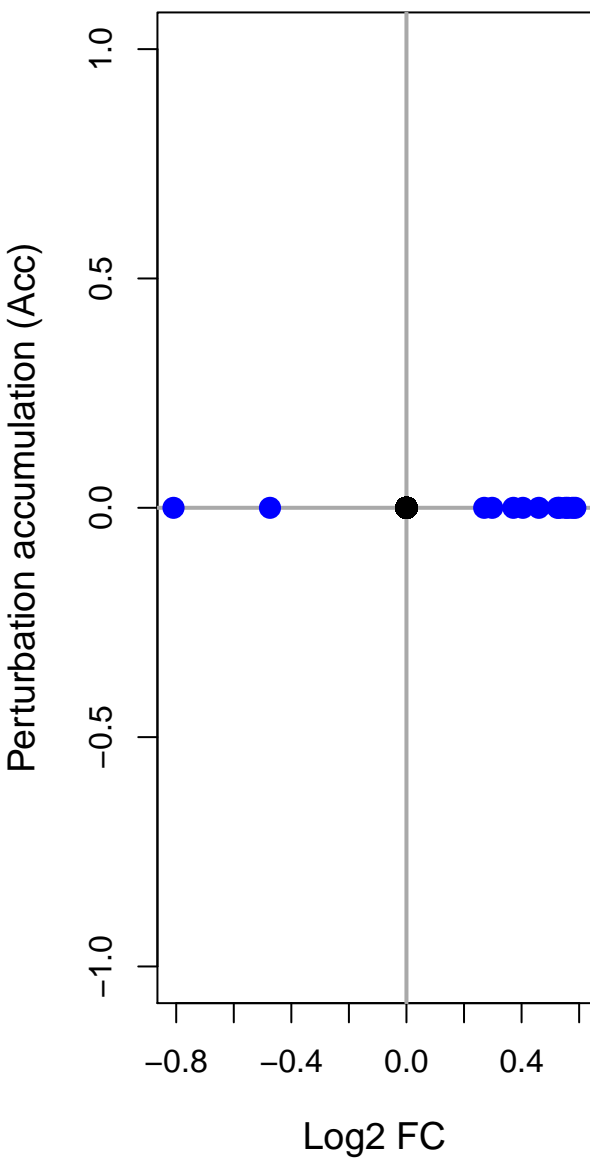
pathway ID=04070



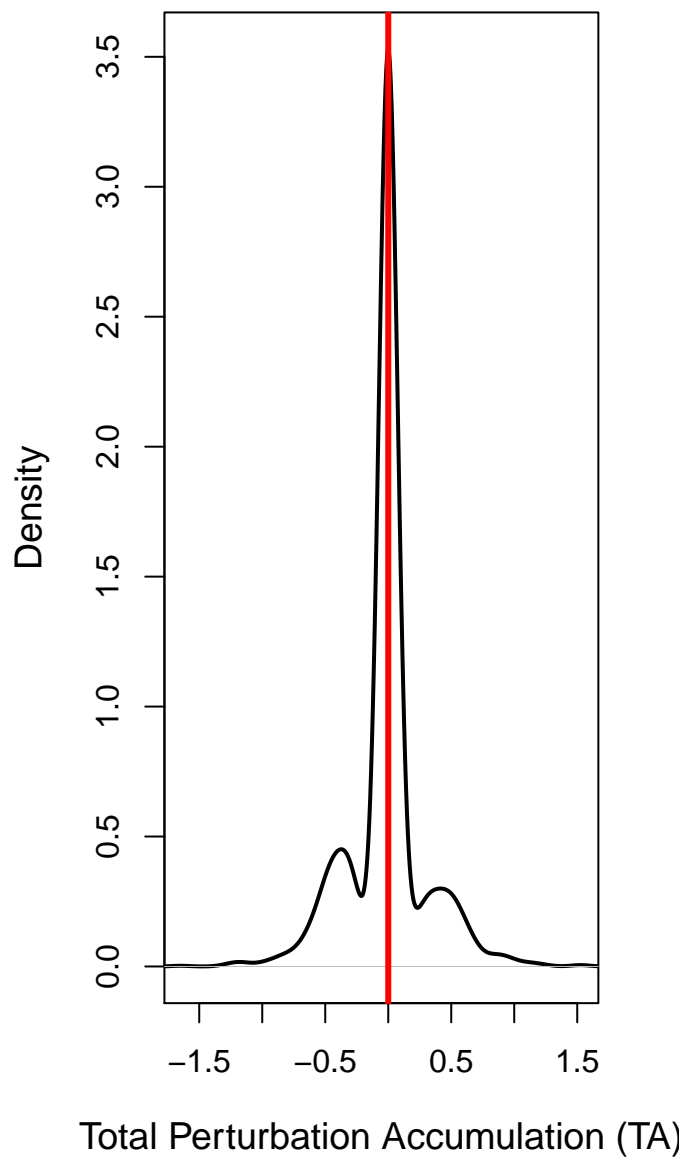
pathway ID=04070 P PERT=1



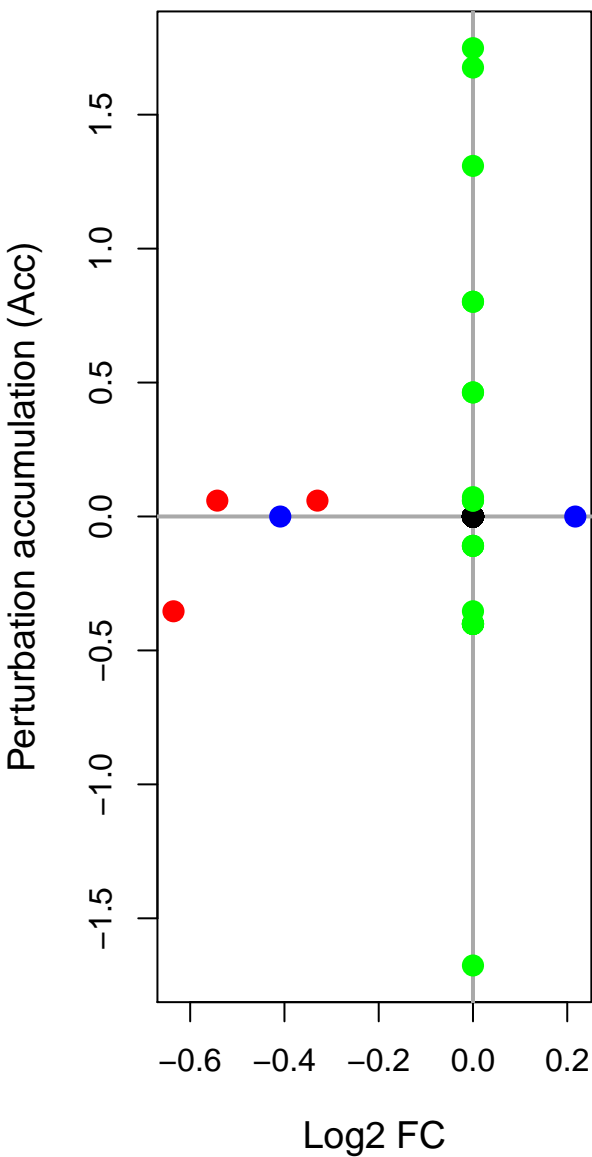
pathway ID=04080



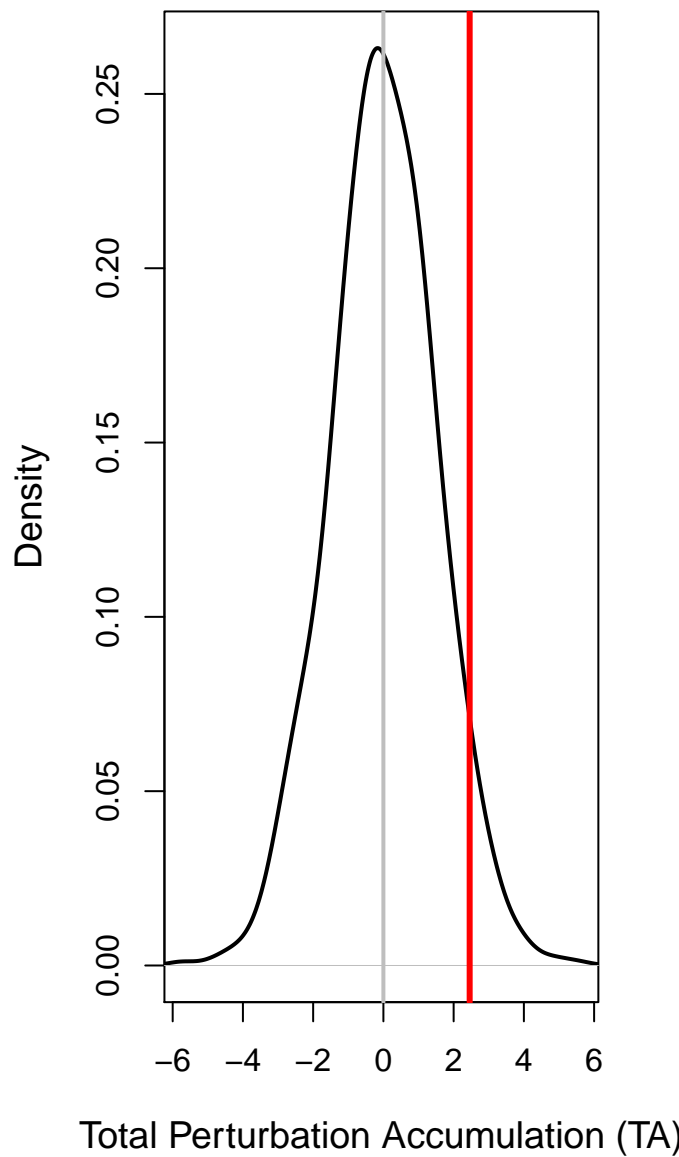
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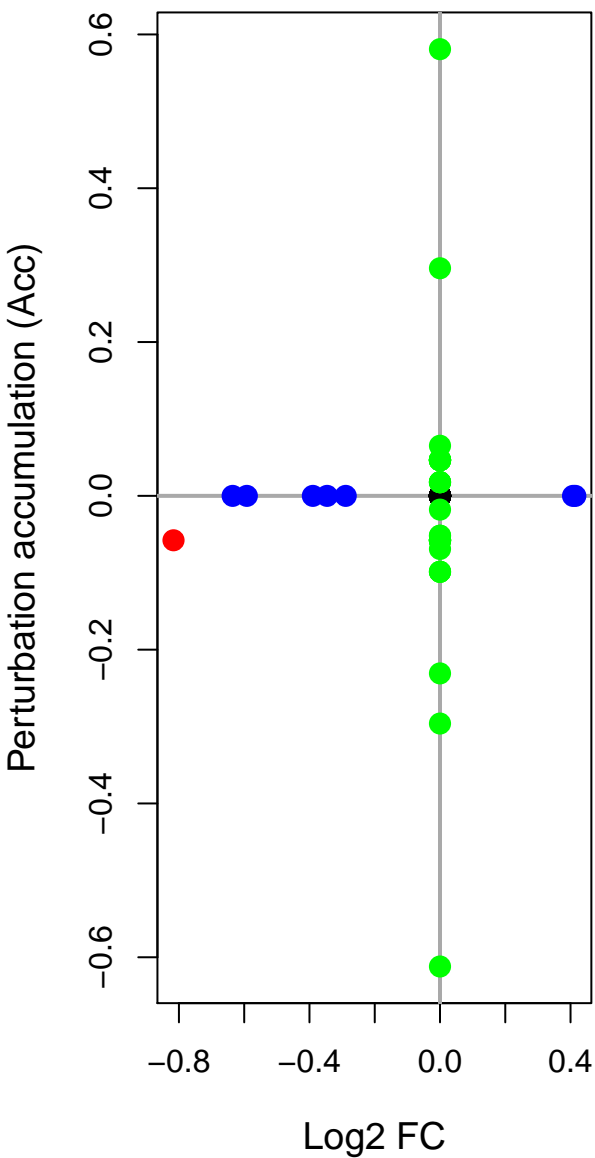
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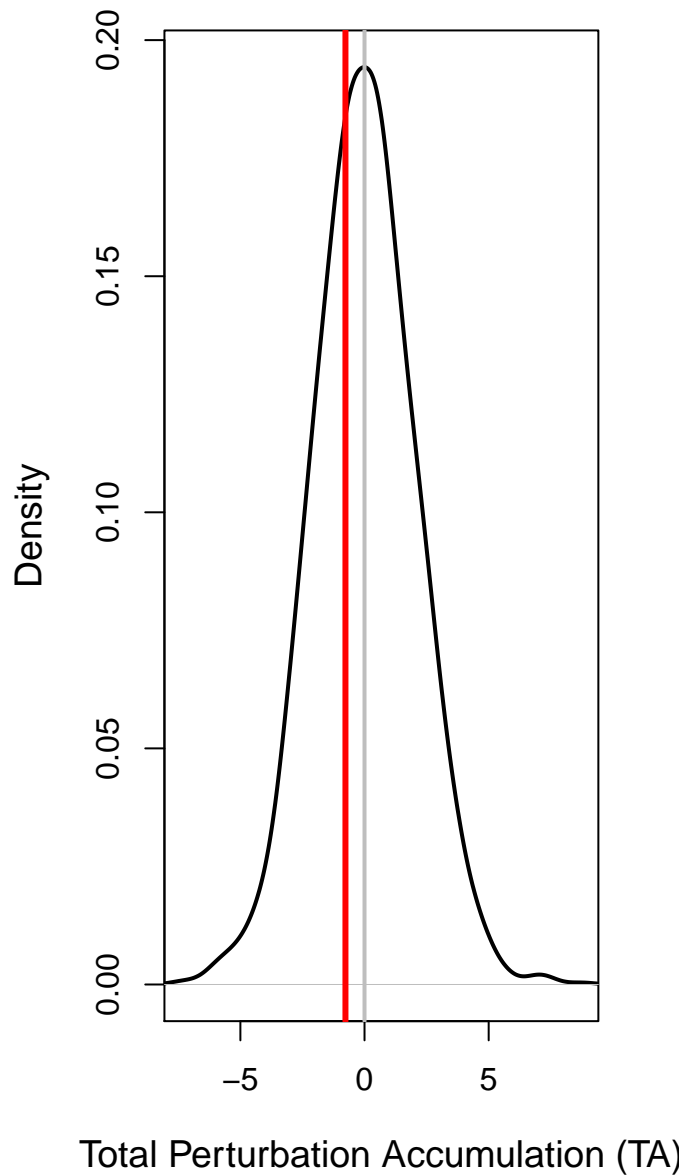
pathway ID=04110 P PERT=0.099



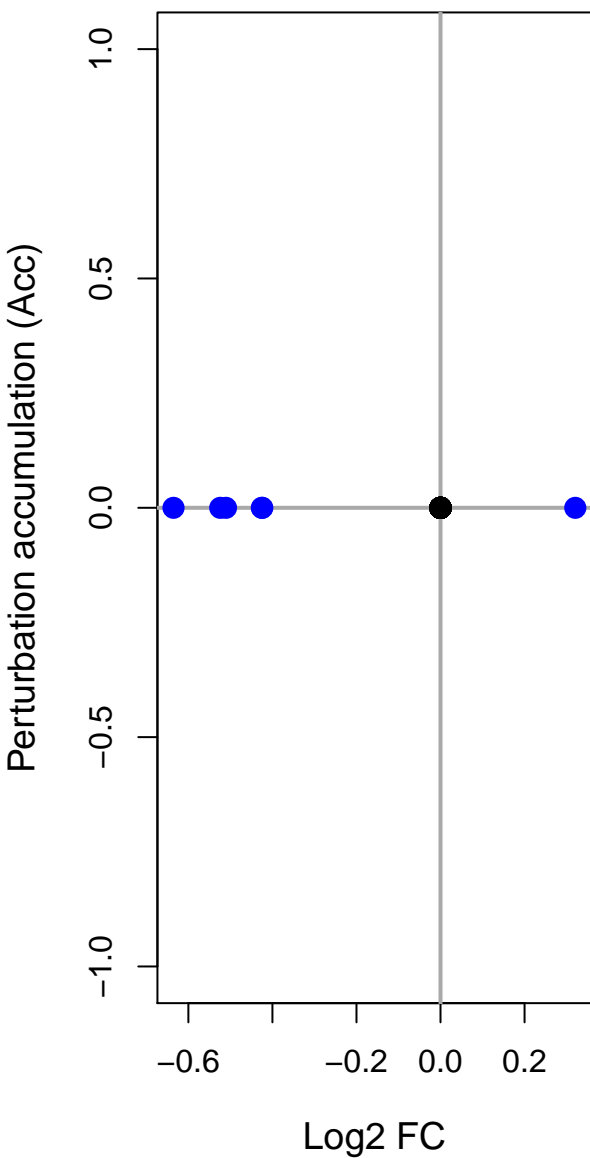
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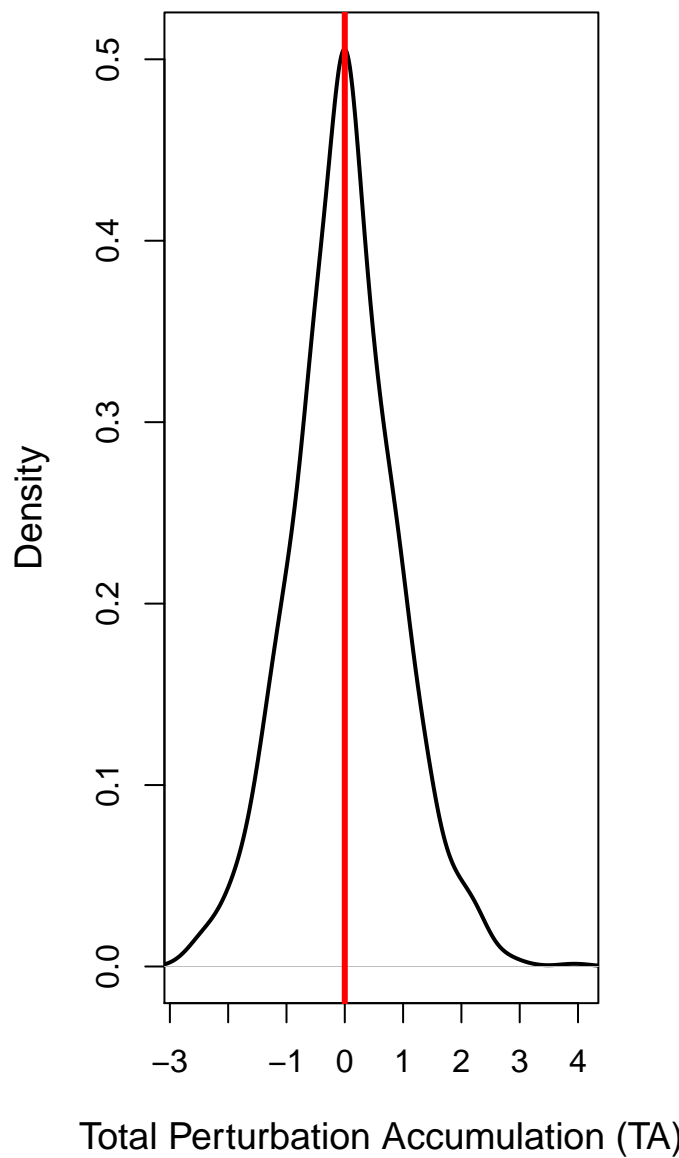
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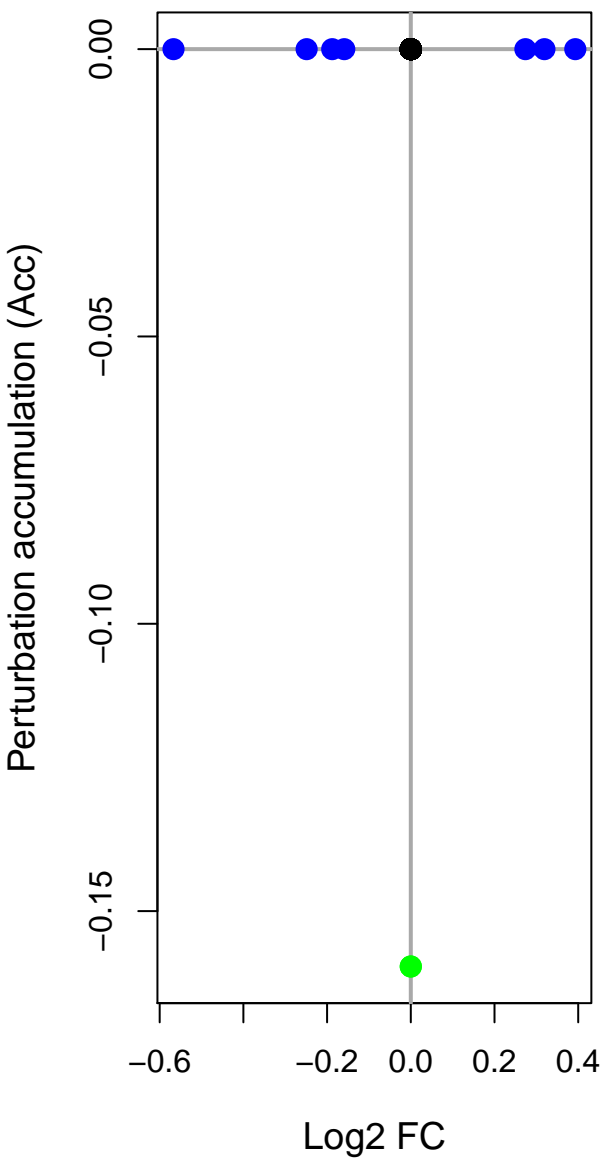
pathway ID=04115



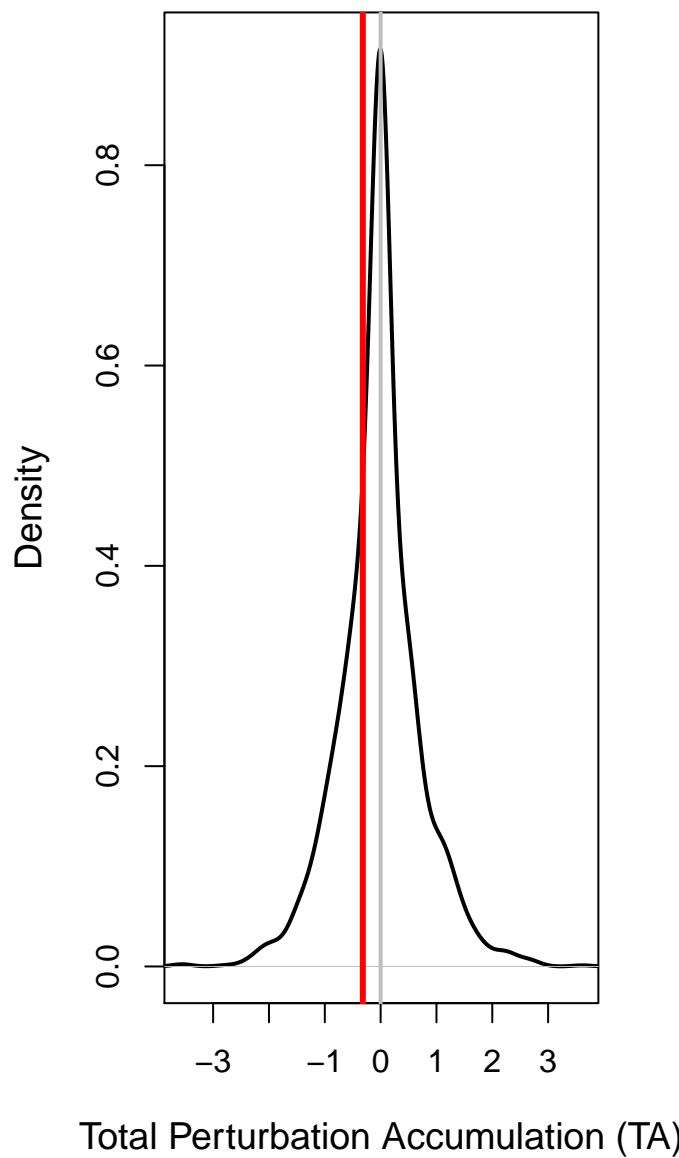
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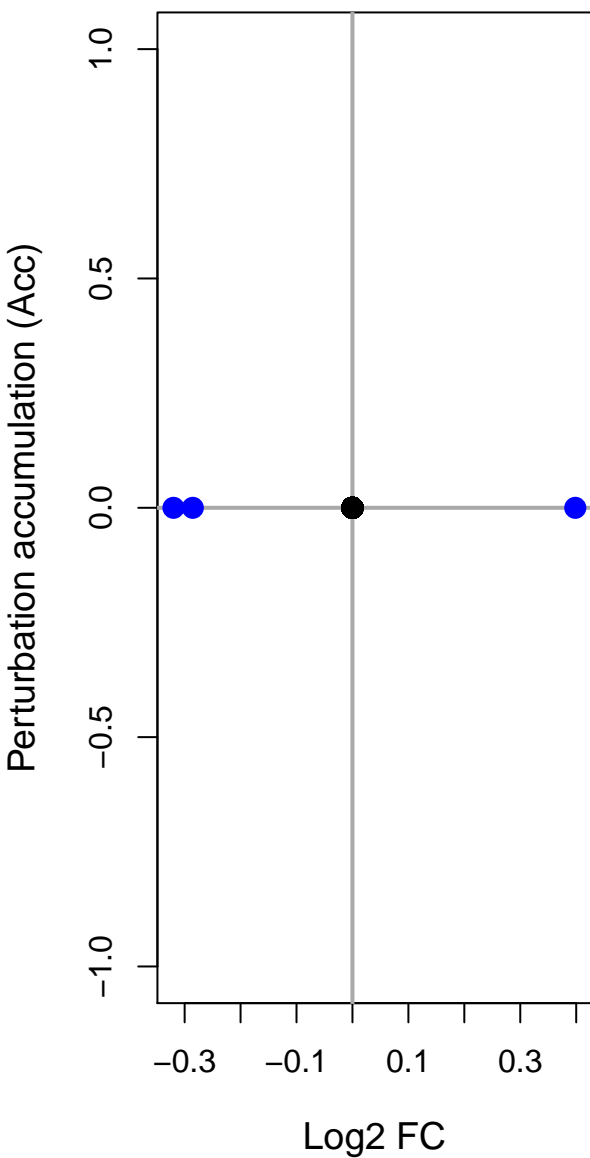
pathway ID=04141



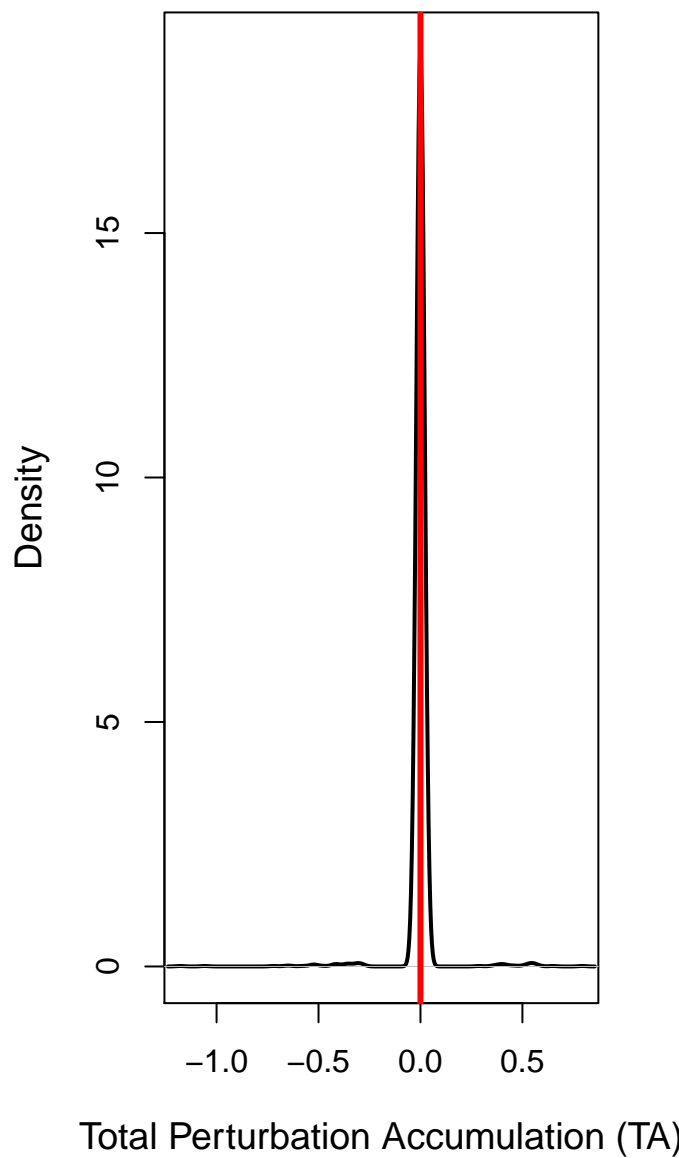
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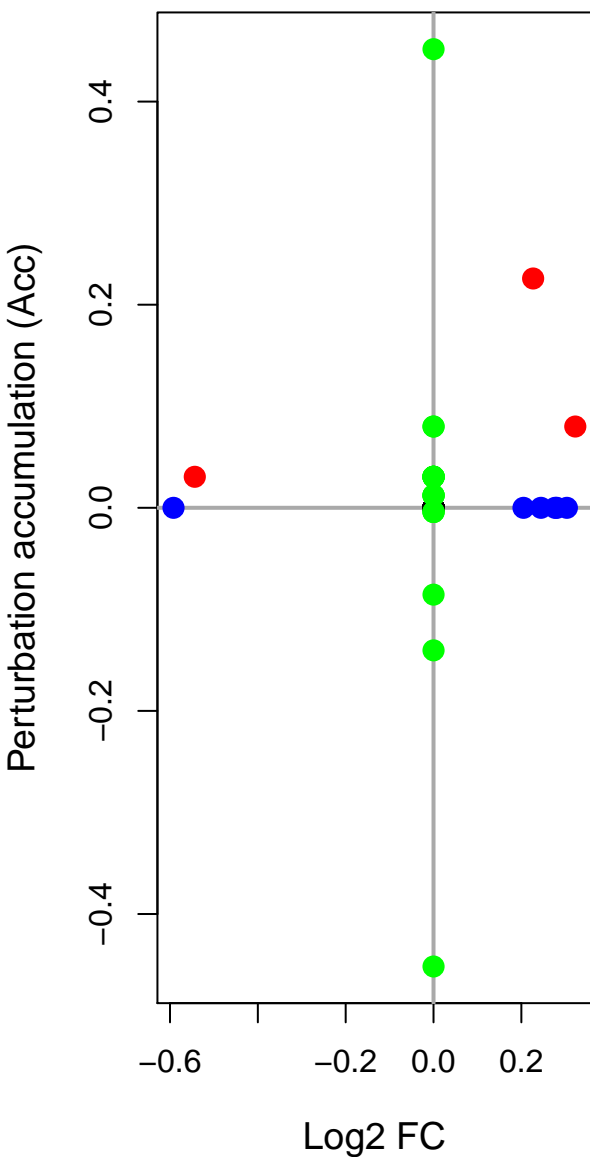
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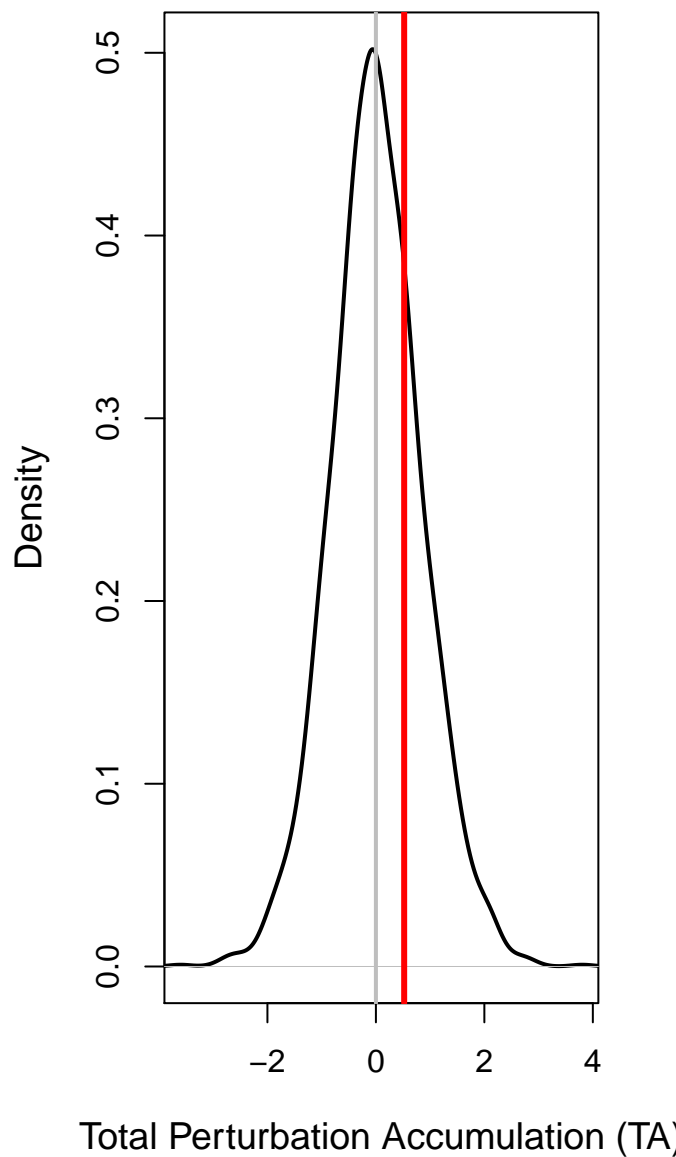
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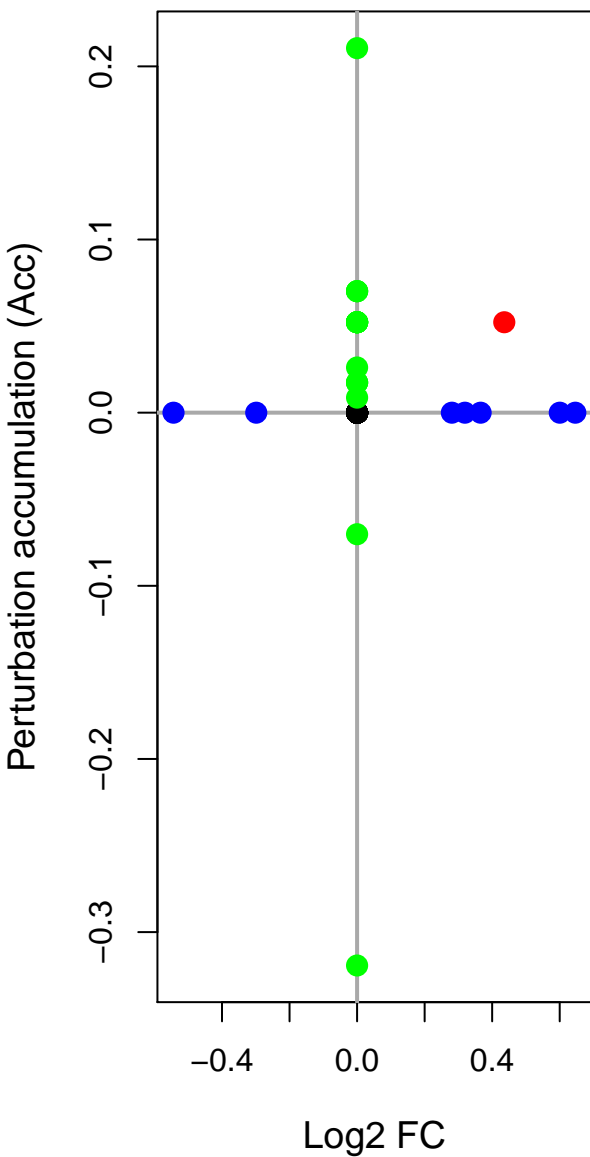
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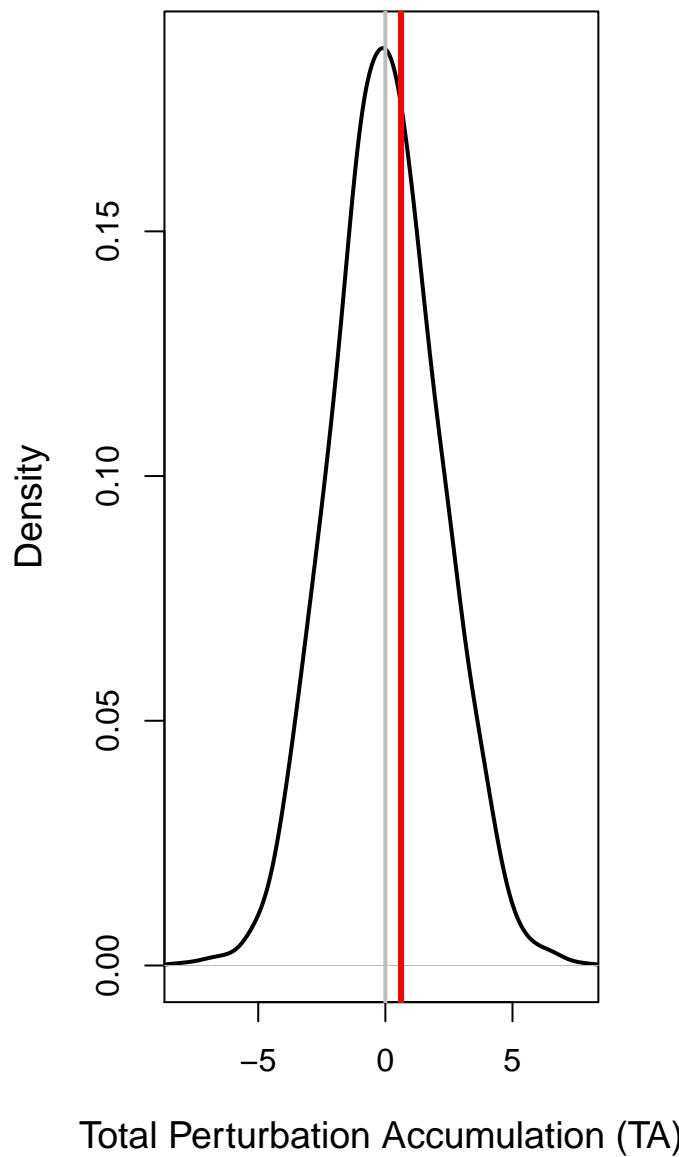
pathway ID=04150 P PERT=0.517



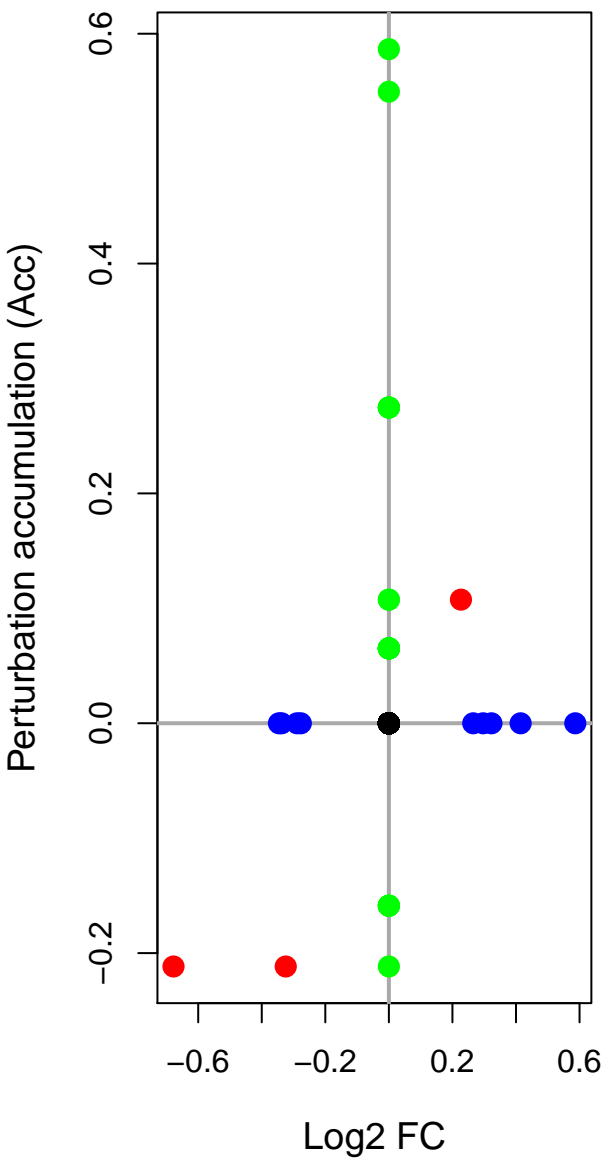
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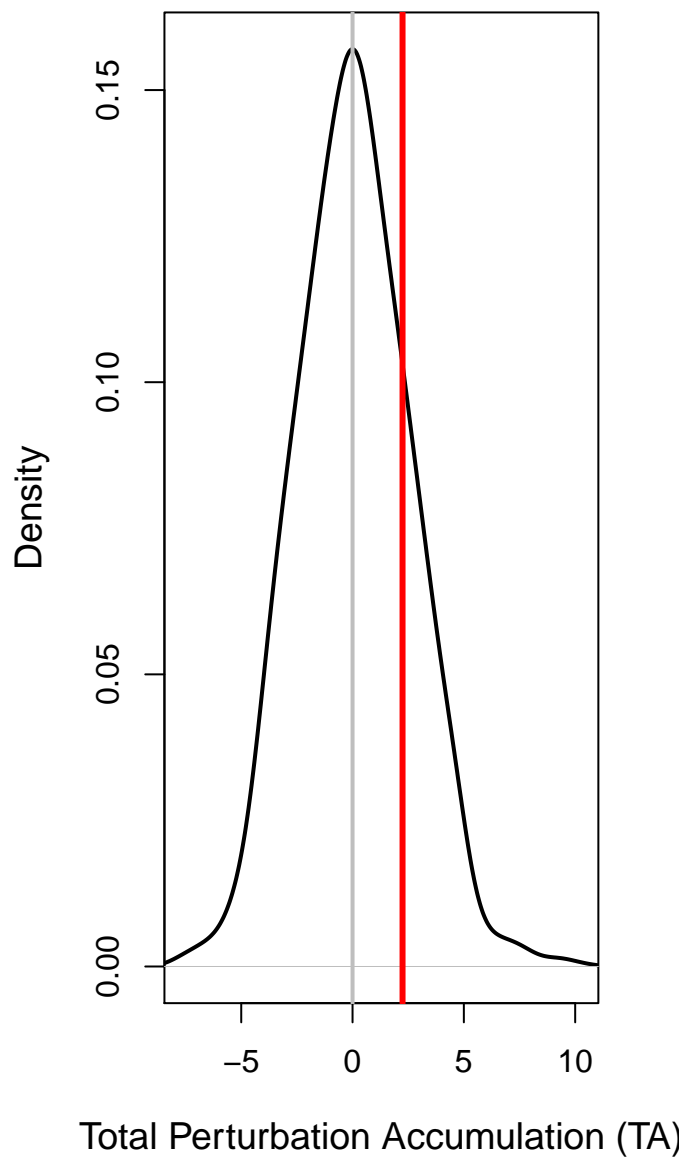
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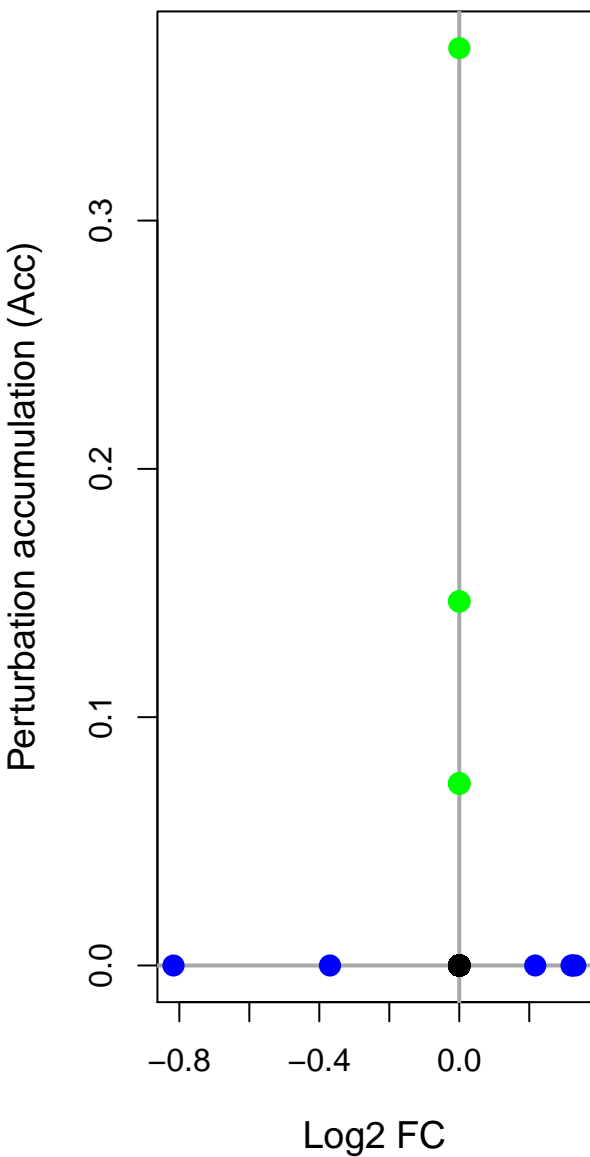
pathway ID=04270



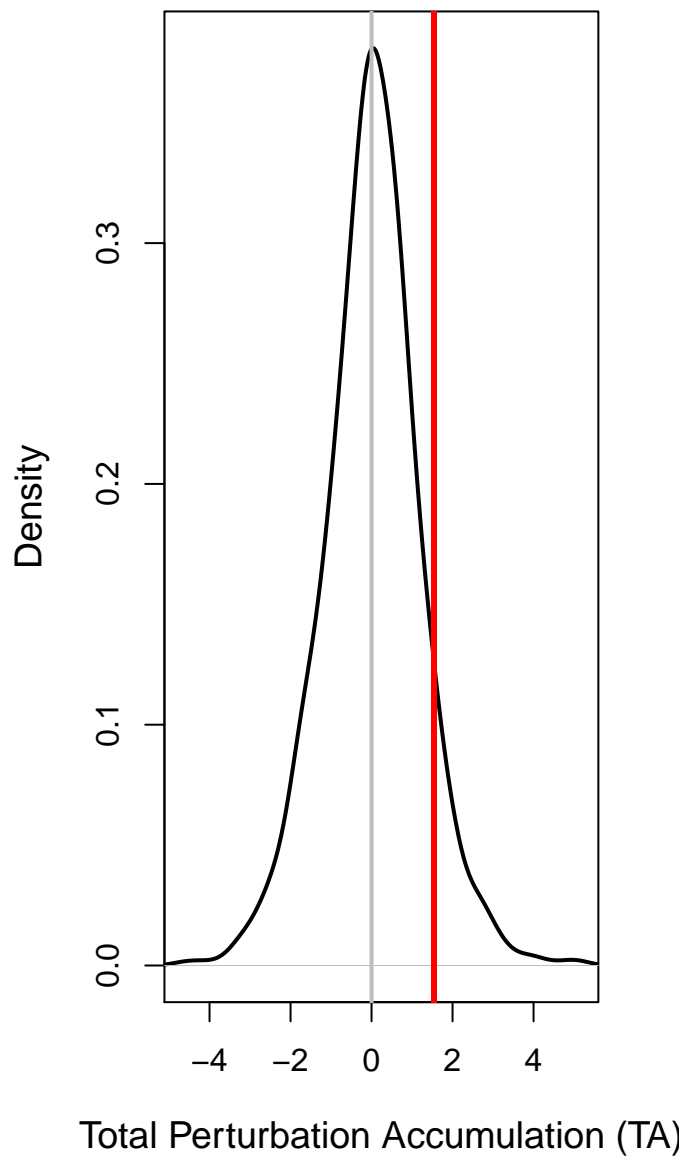
pathway ID=04270 P PERT=0.388



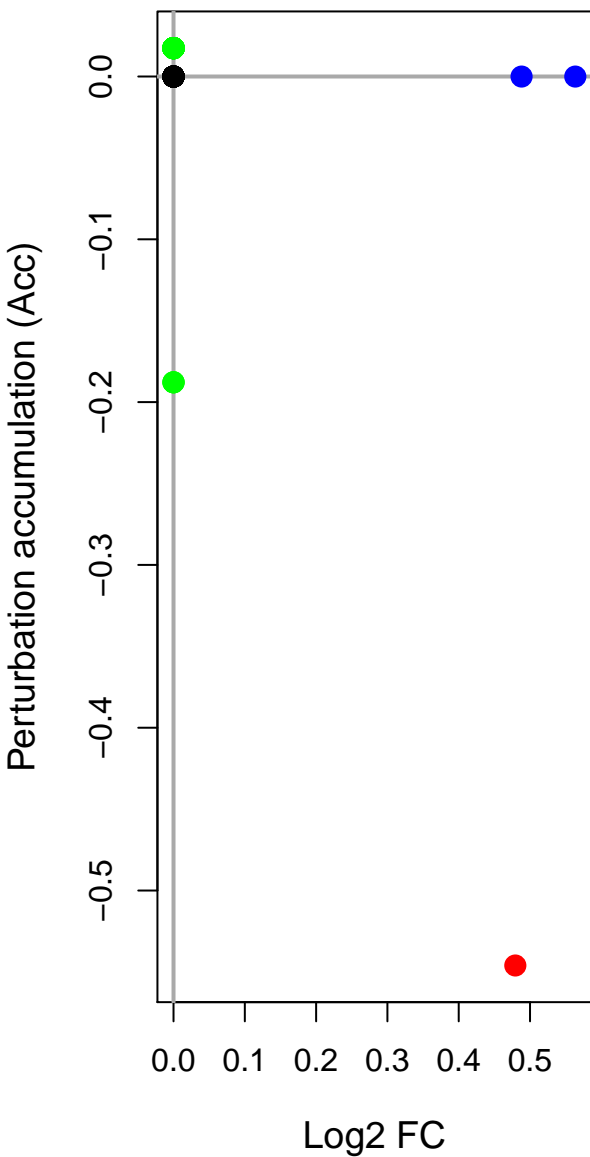
pathway ID=04310



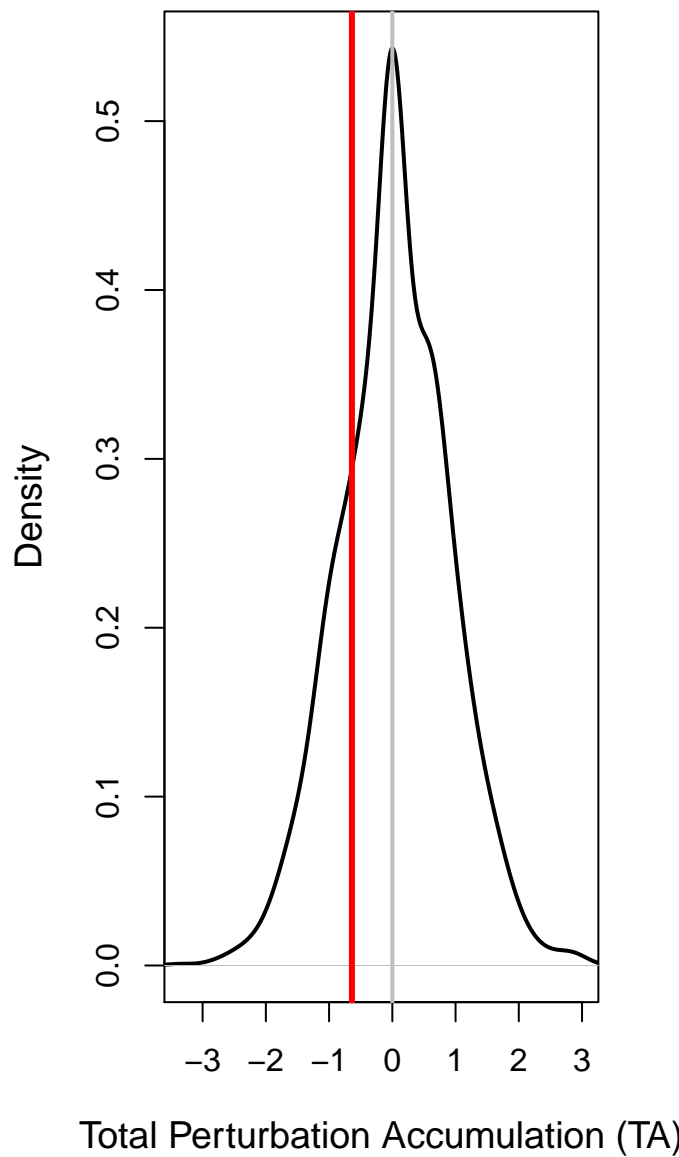
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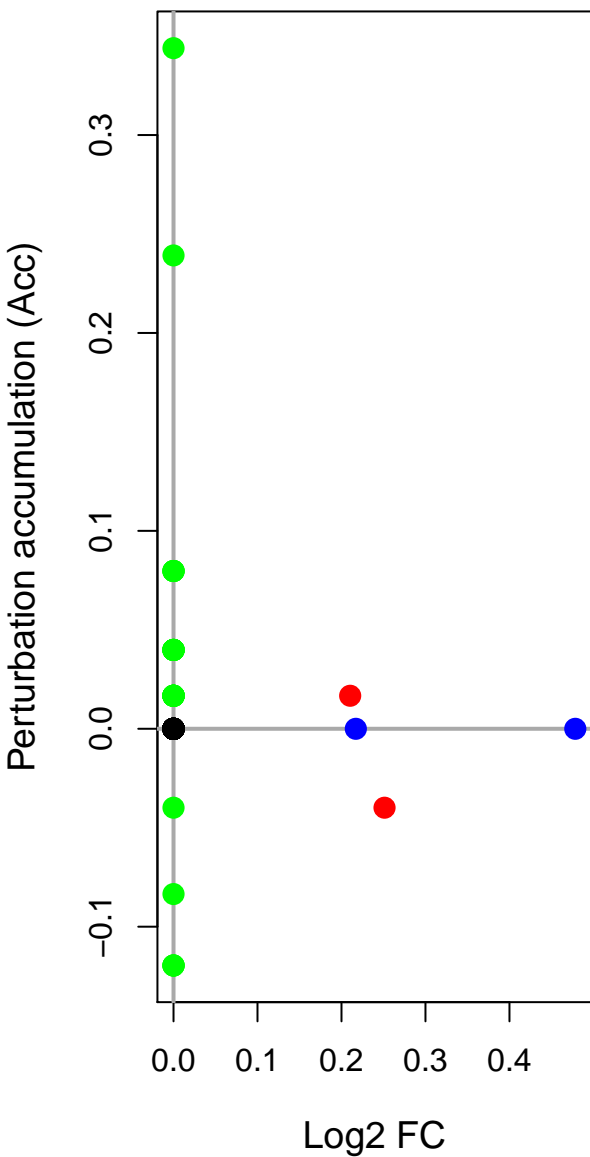
pathway ID=04340



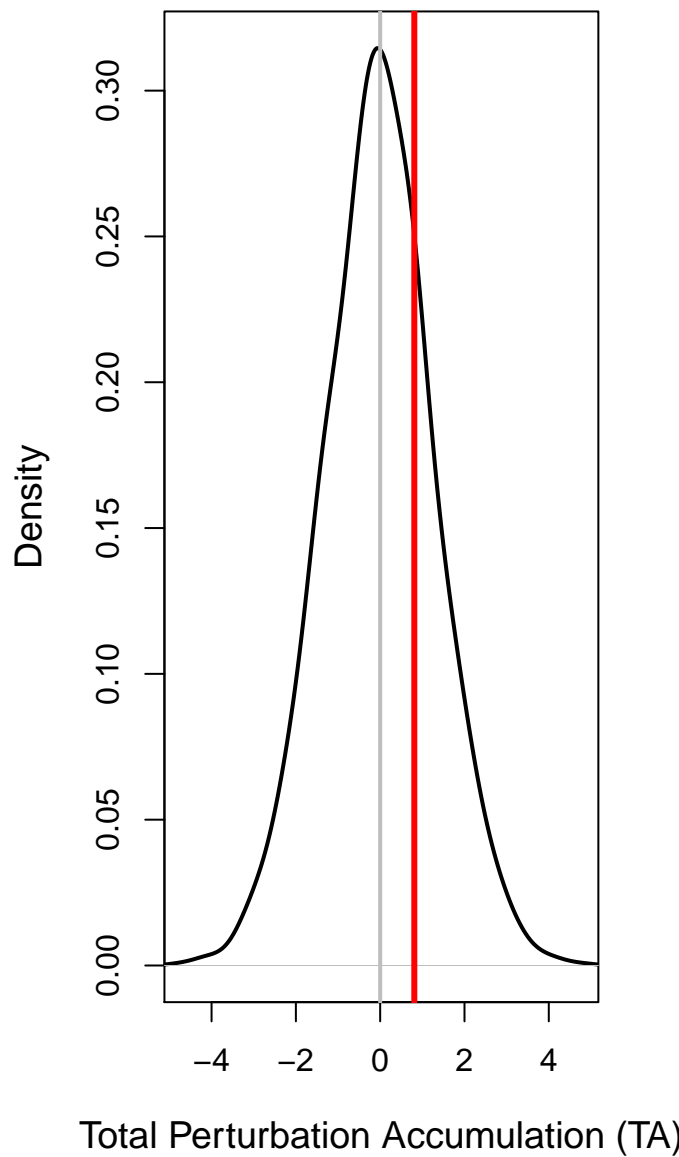
pathway ID=04340 P PERT=0.417



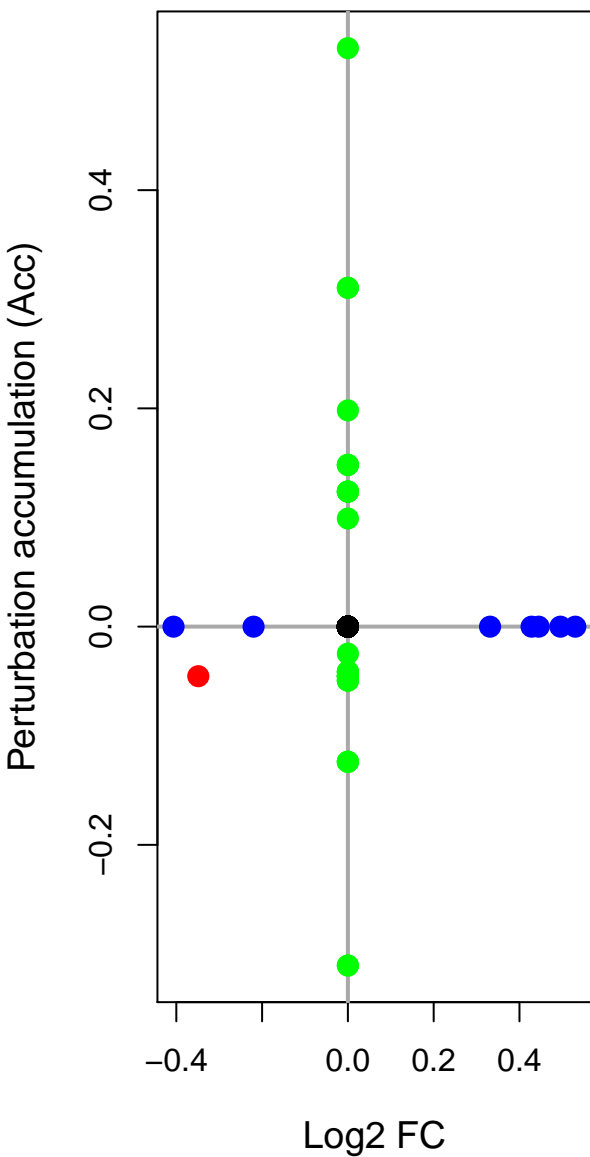
pathway ID=04350



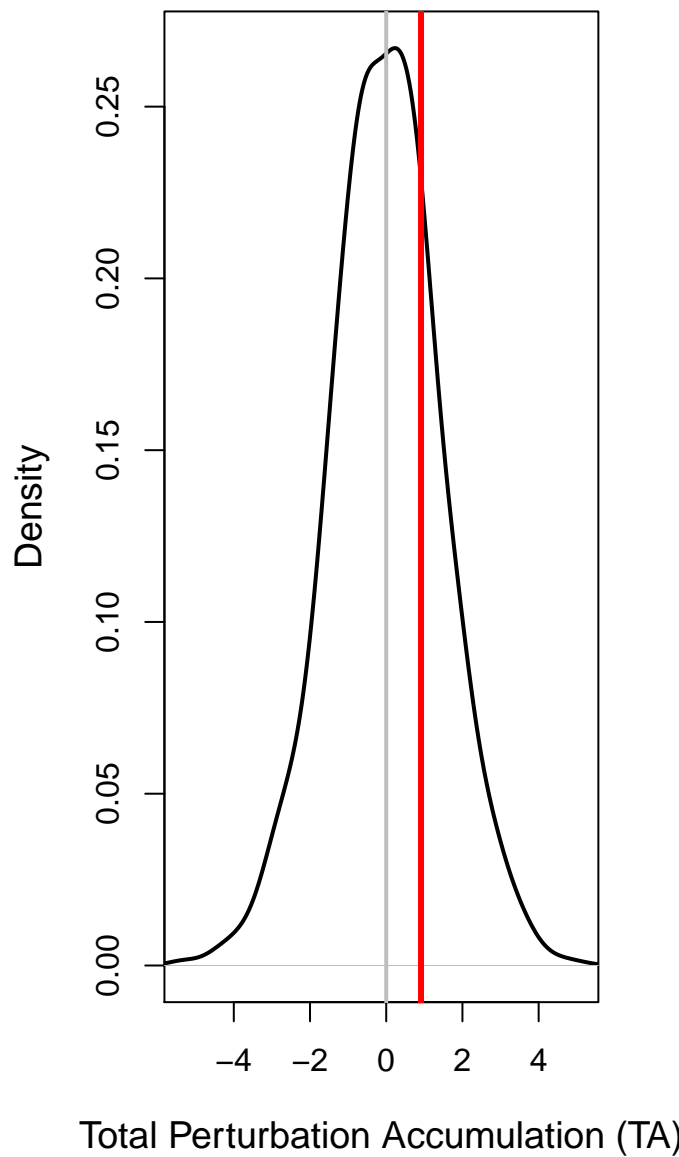
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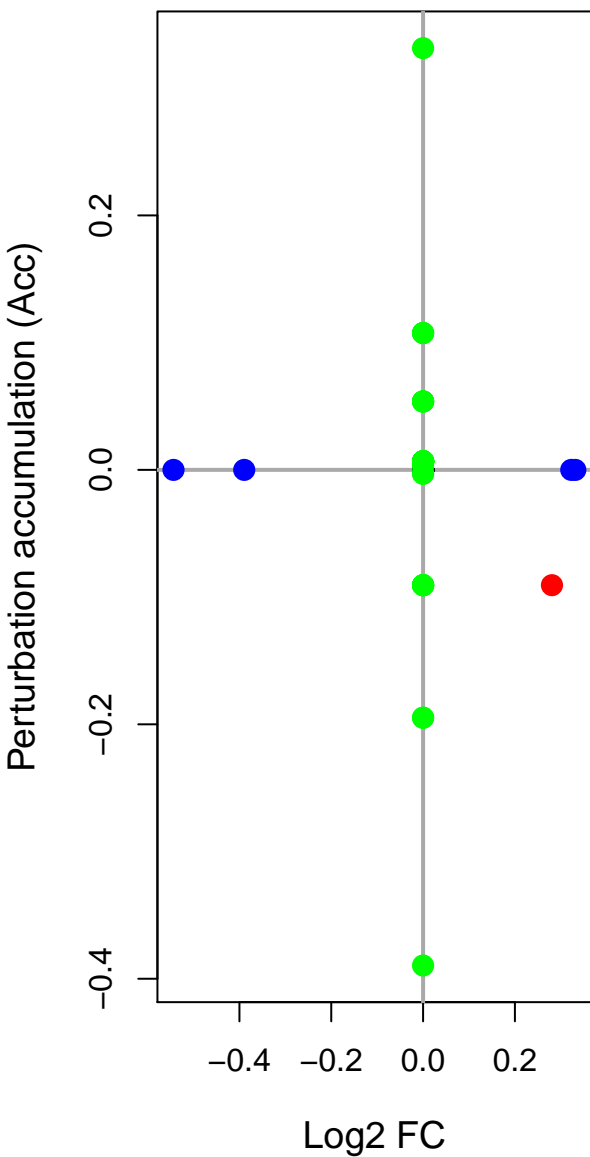
pathway ID=04360



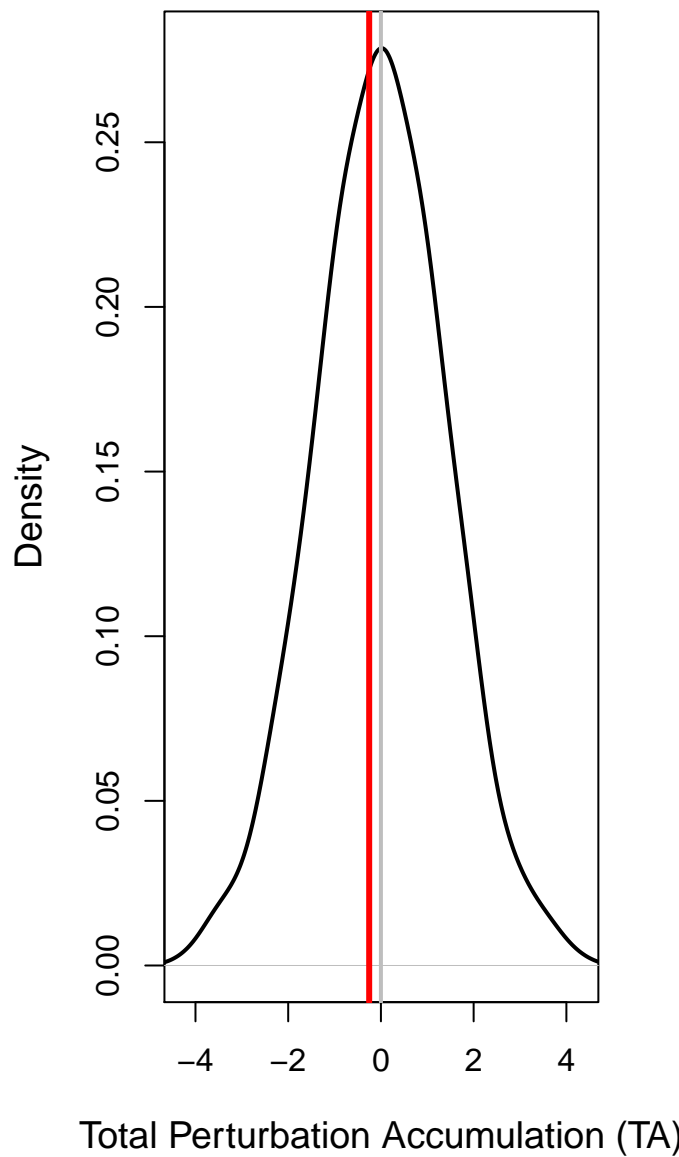
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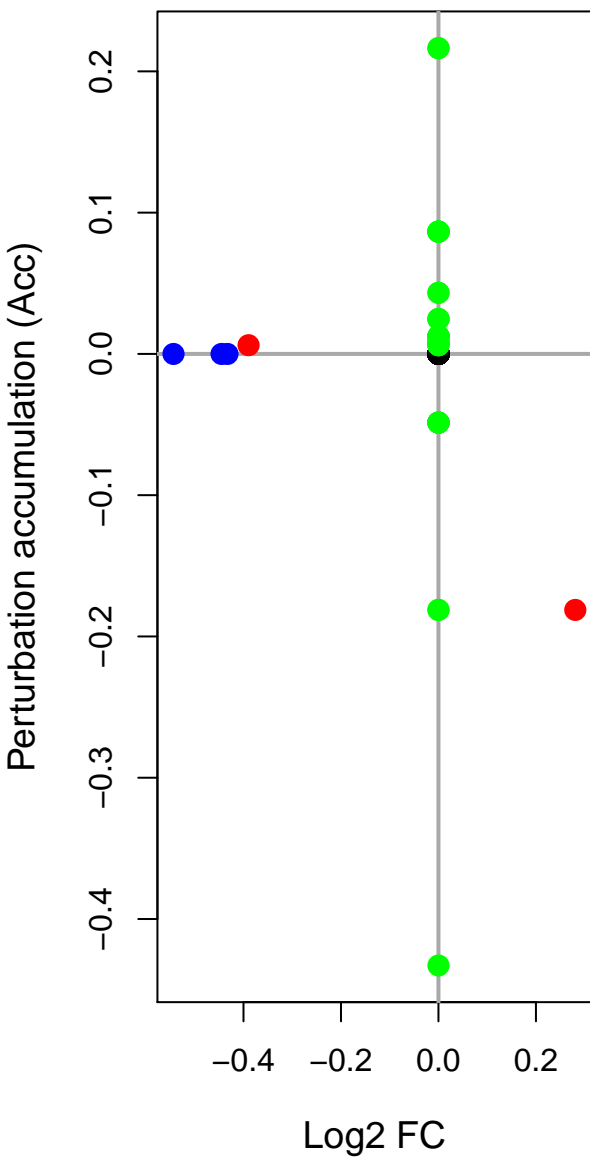
pathway ID=04370



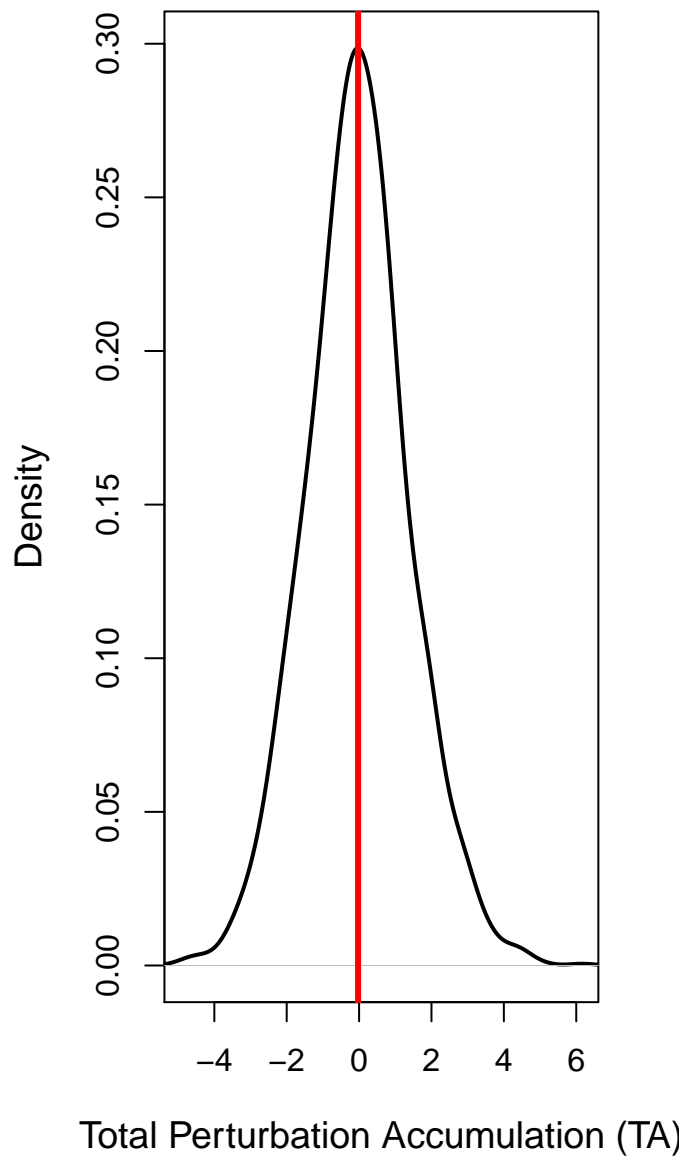
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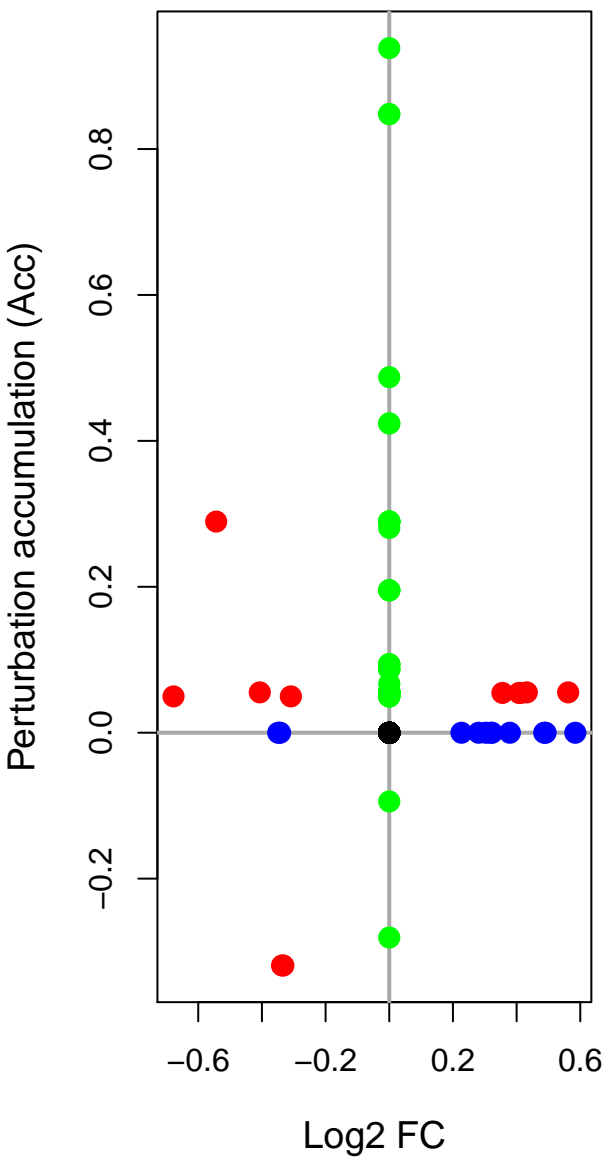
pathway ID=04380



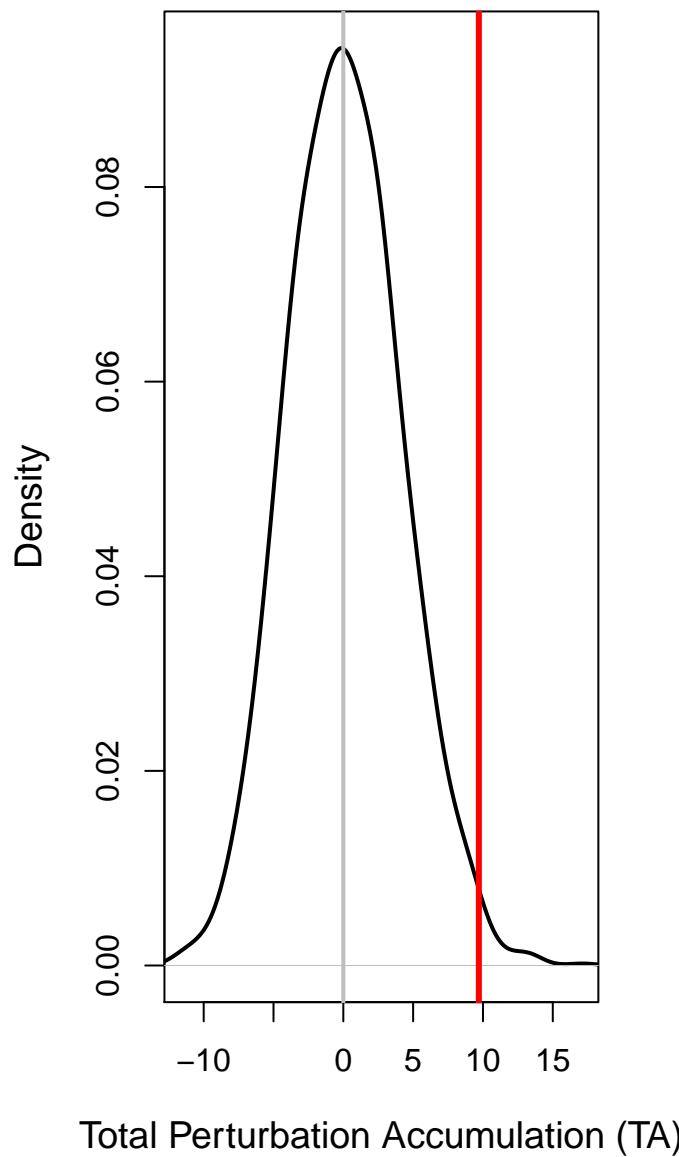
pathway ID=04380 P PERT=0.988



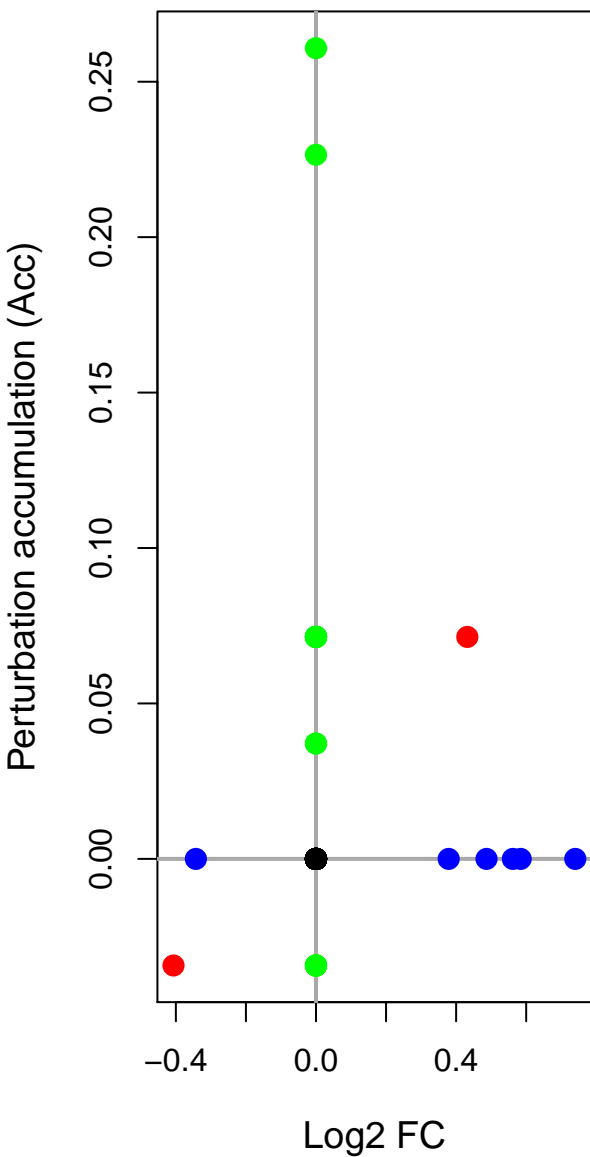
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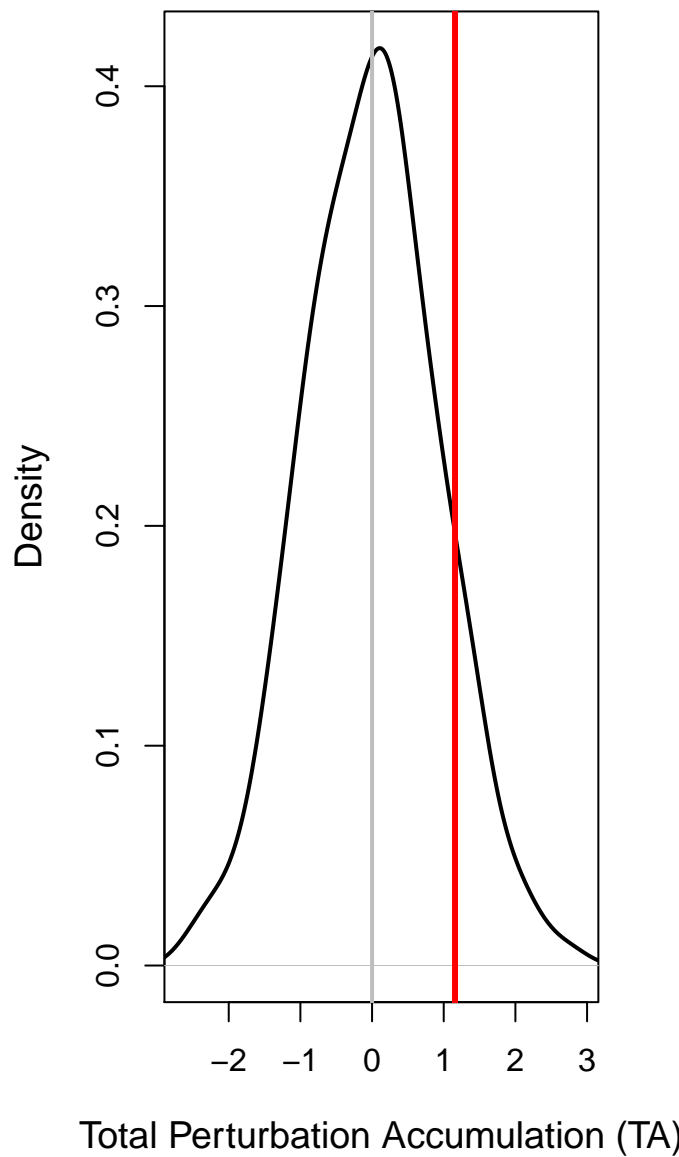
pathway ID=04510 P PERT=0.018



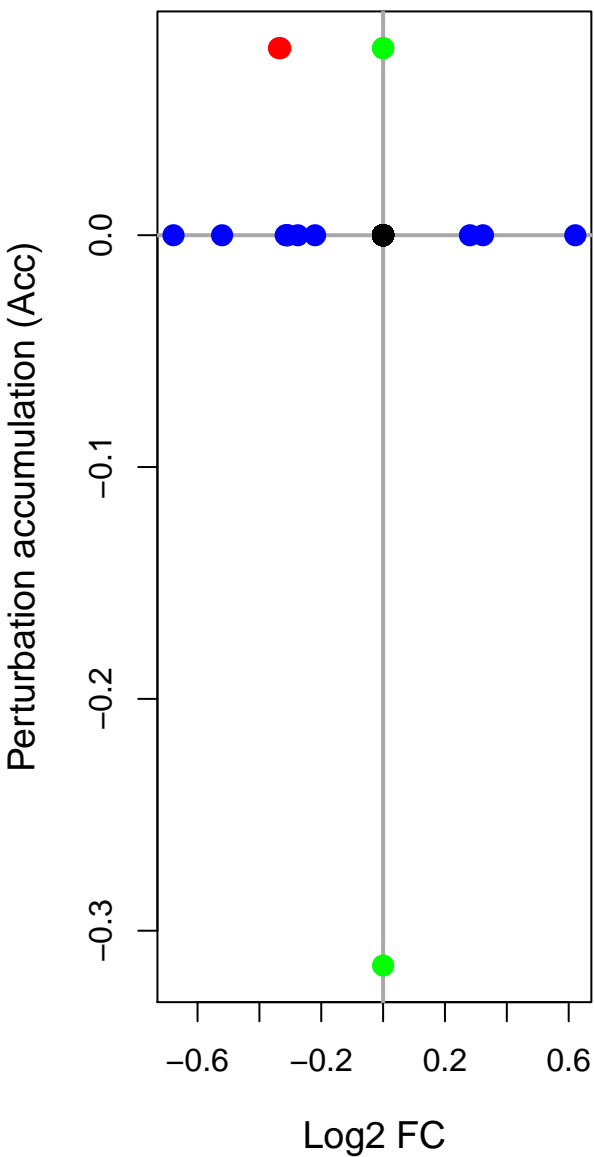
pathway ID=04512



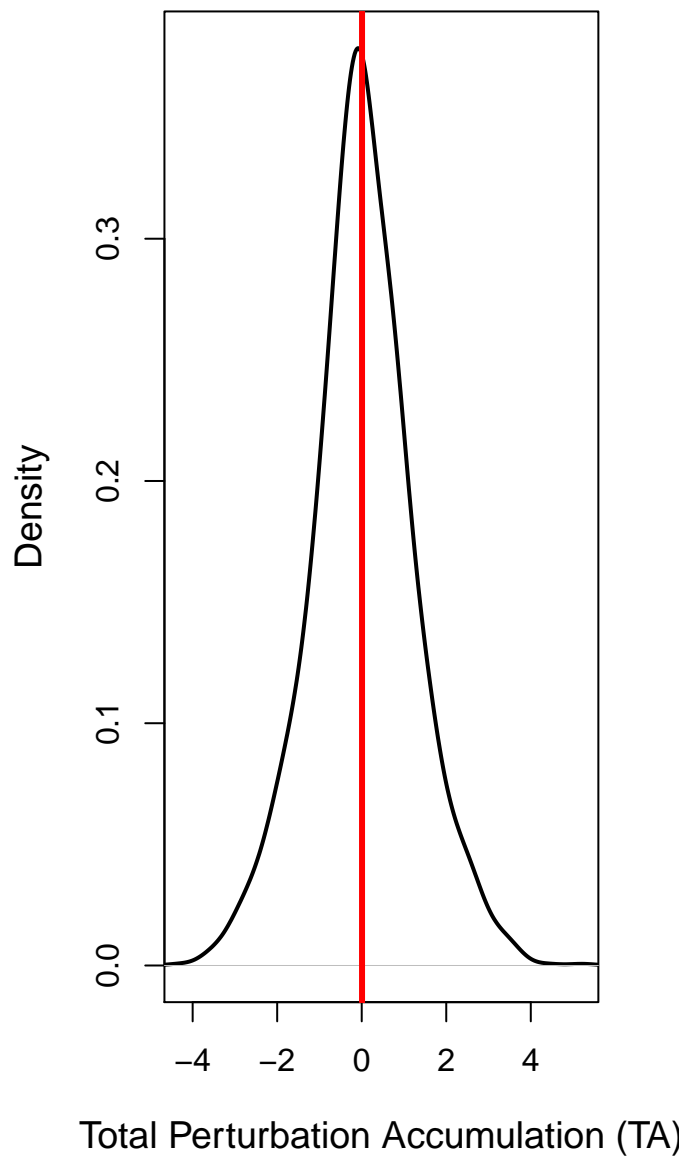
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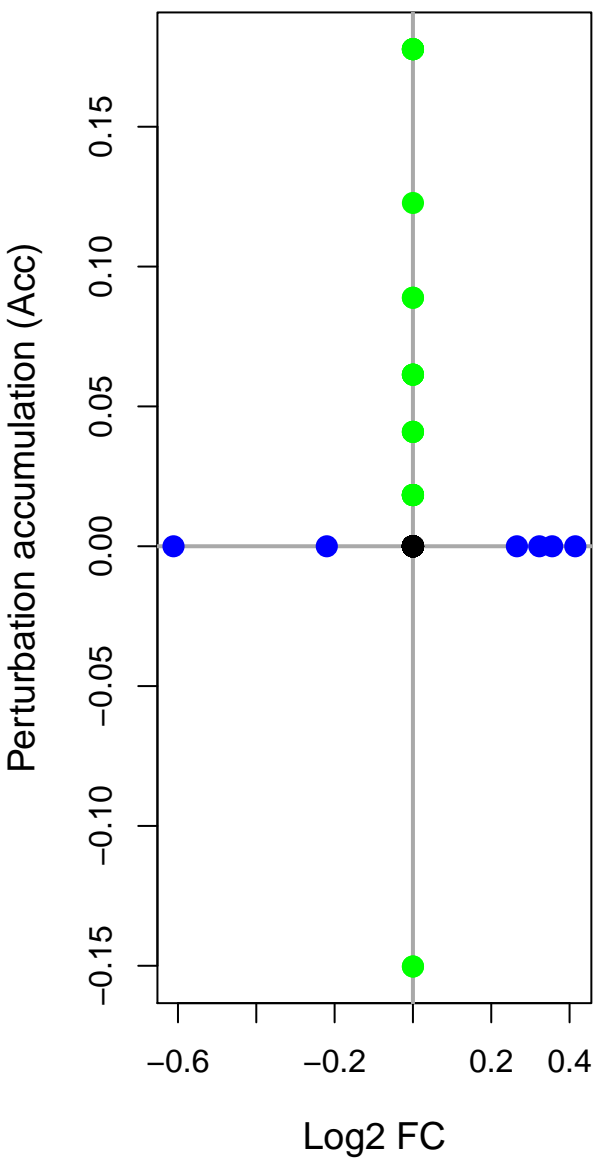
pathway ID=04530



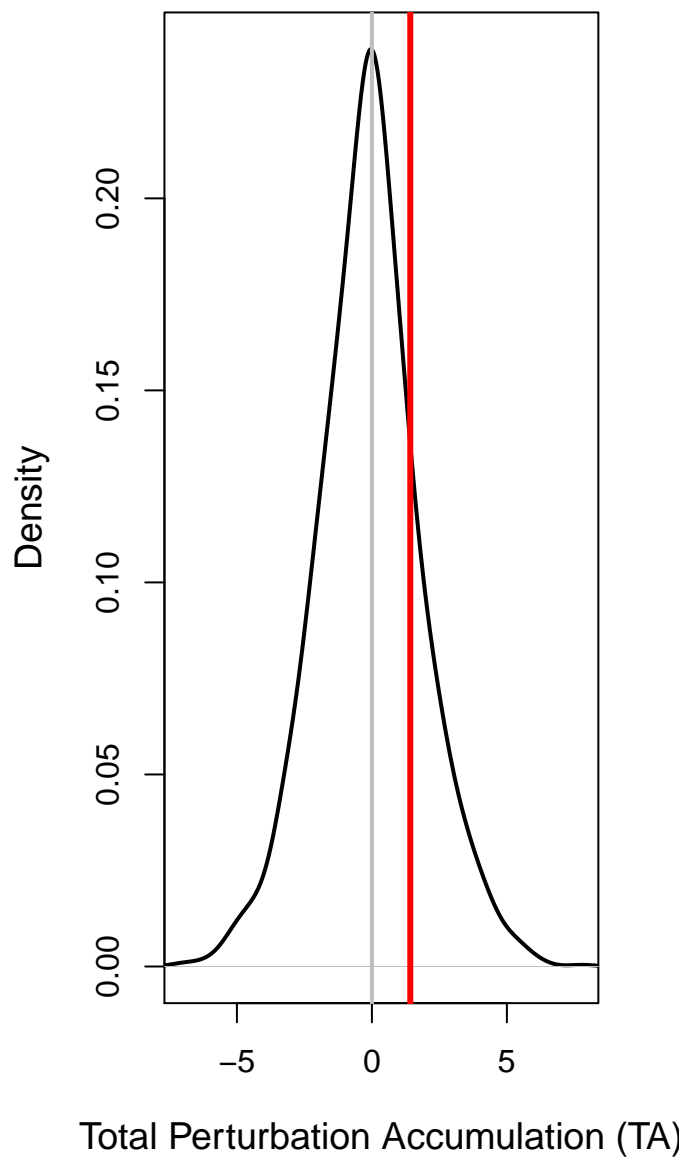
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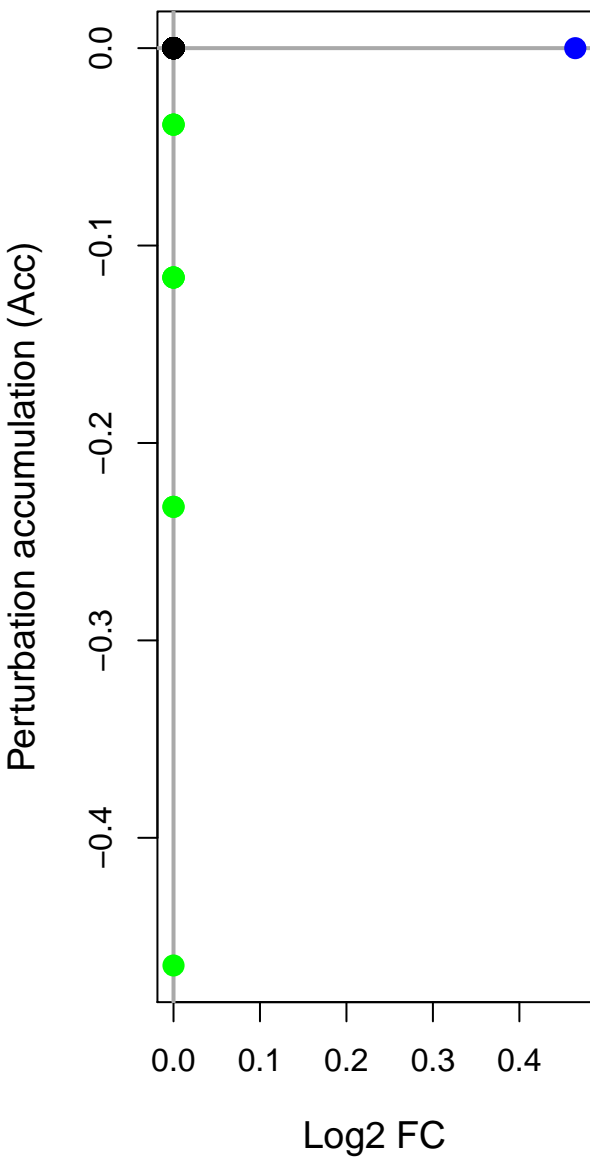
pathway ID=04540



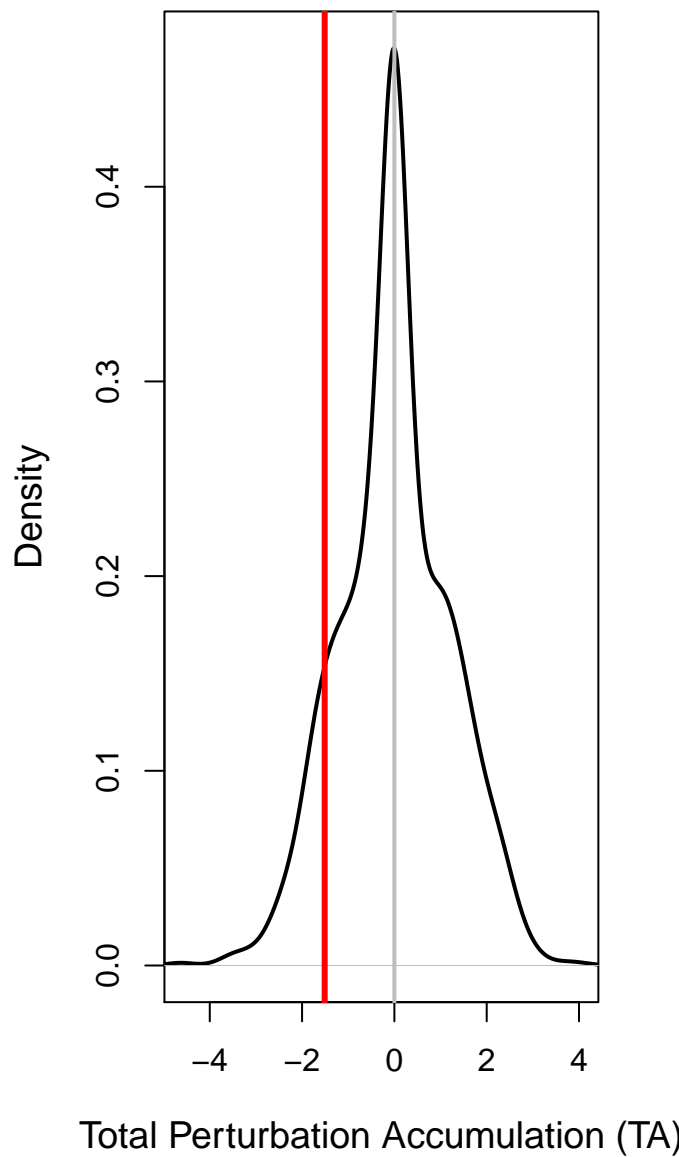
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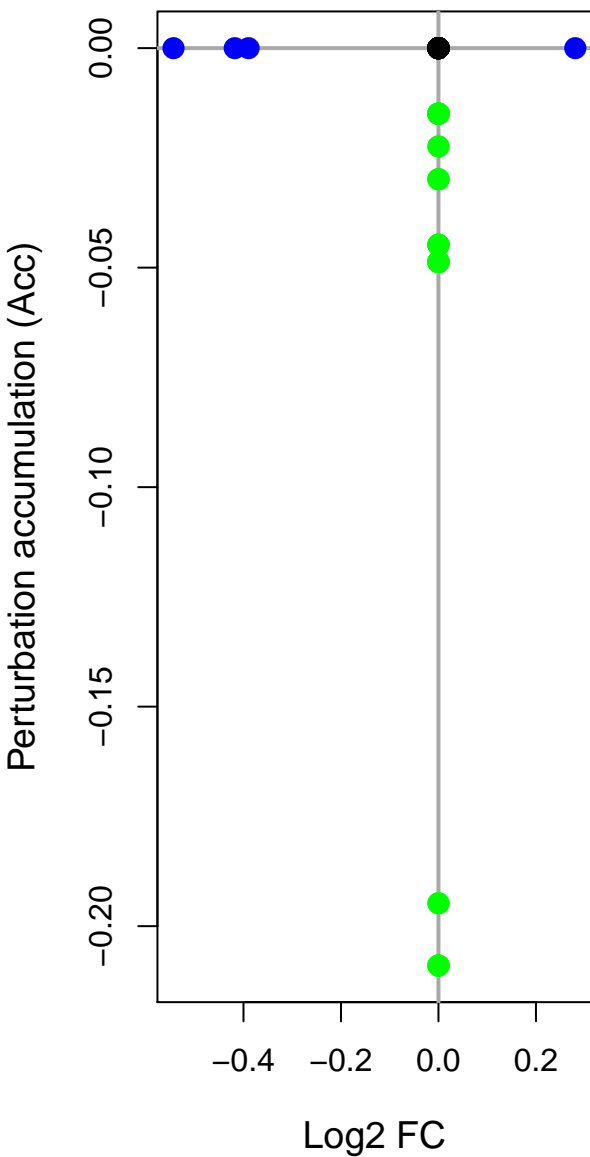
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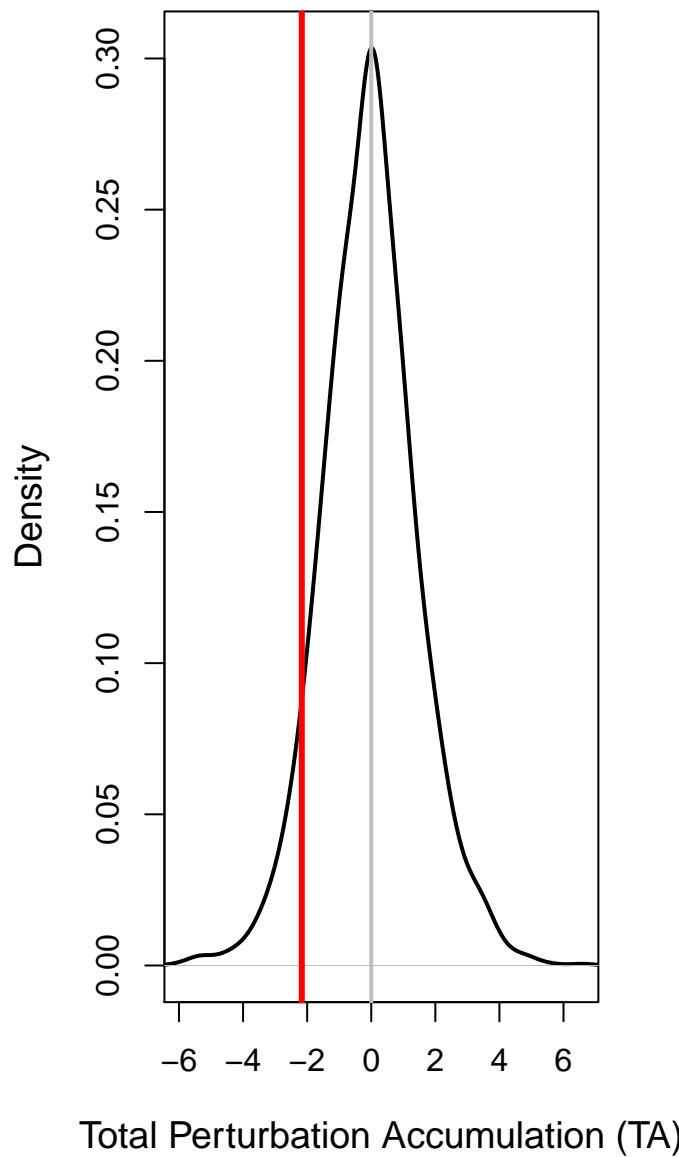
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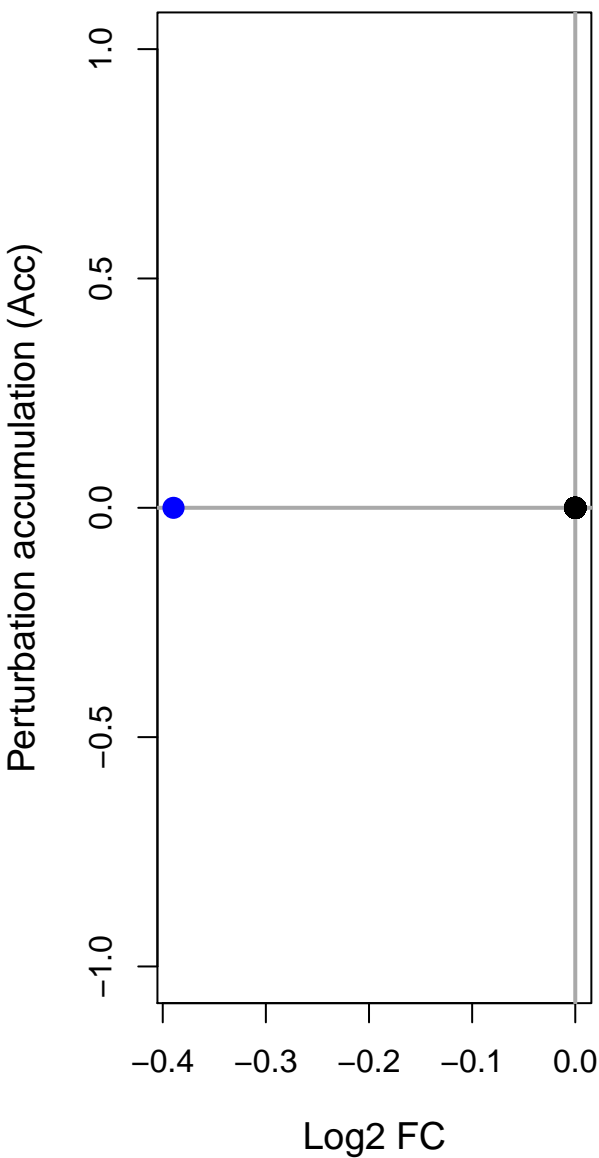
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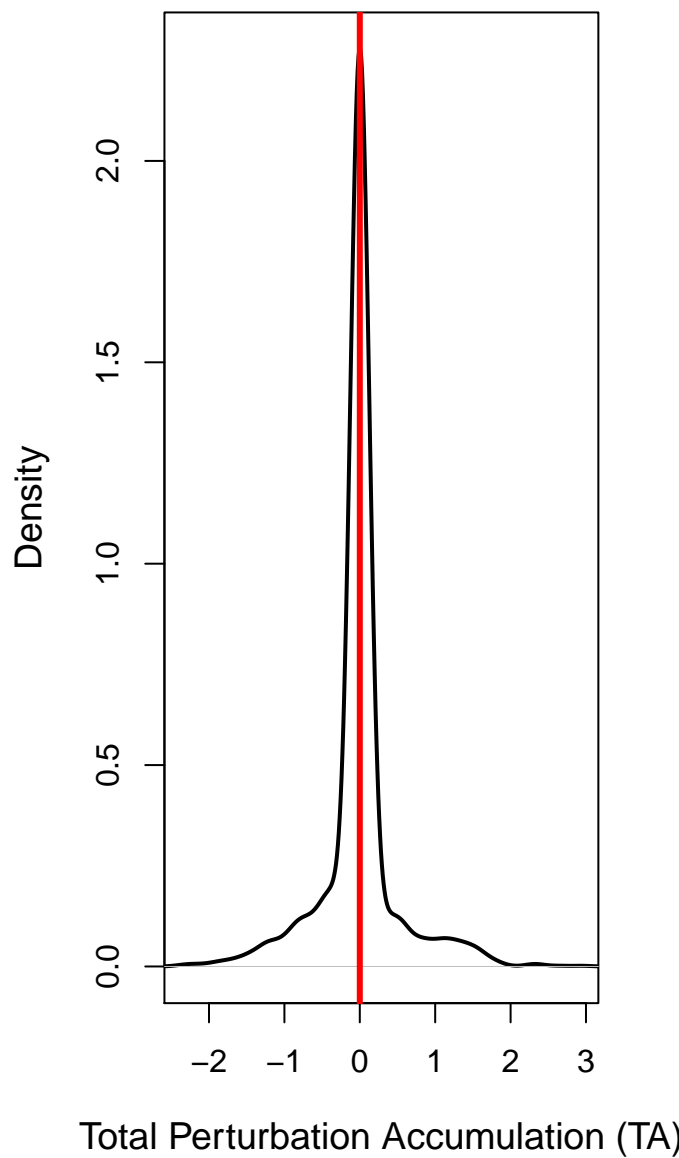
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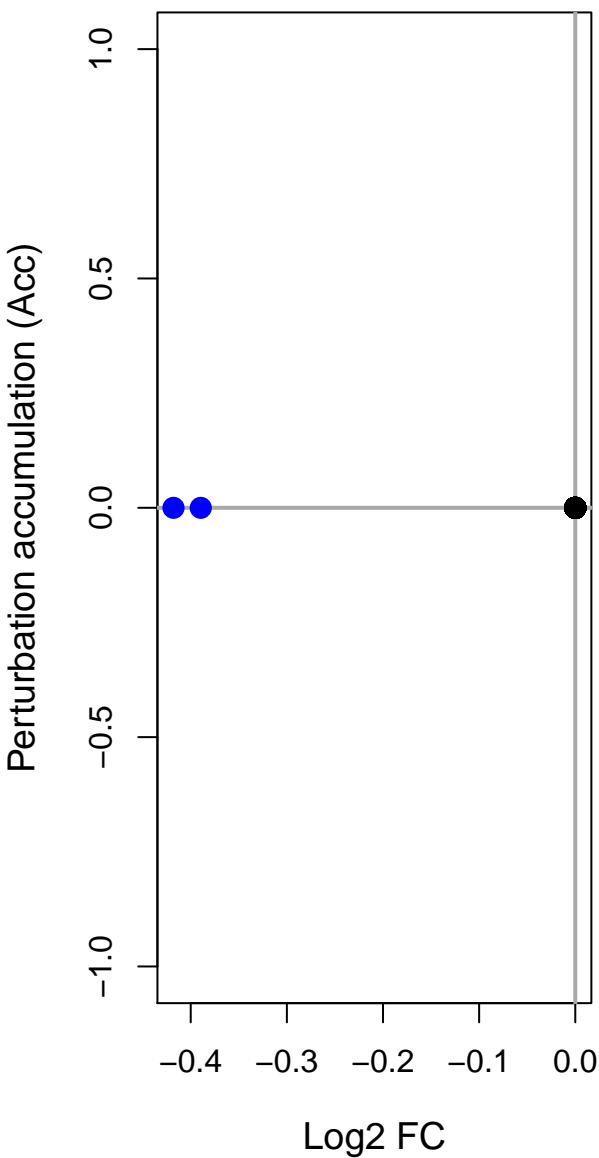
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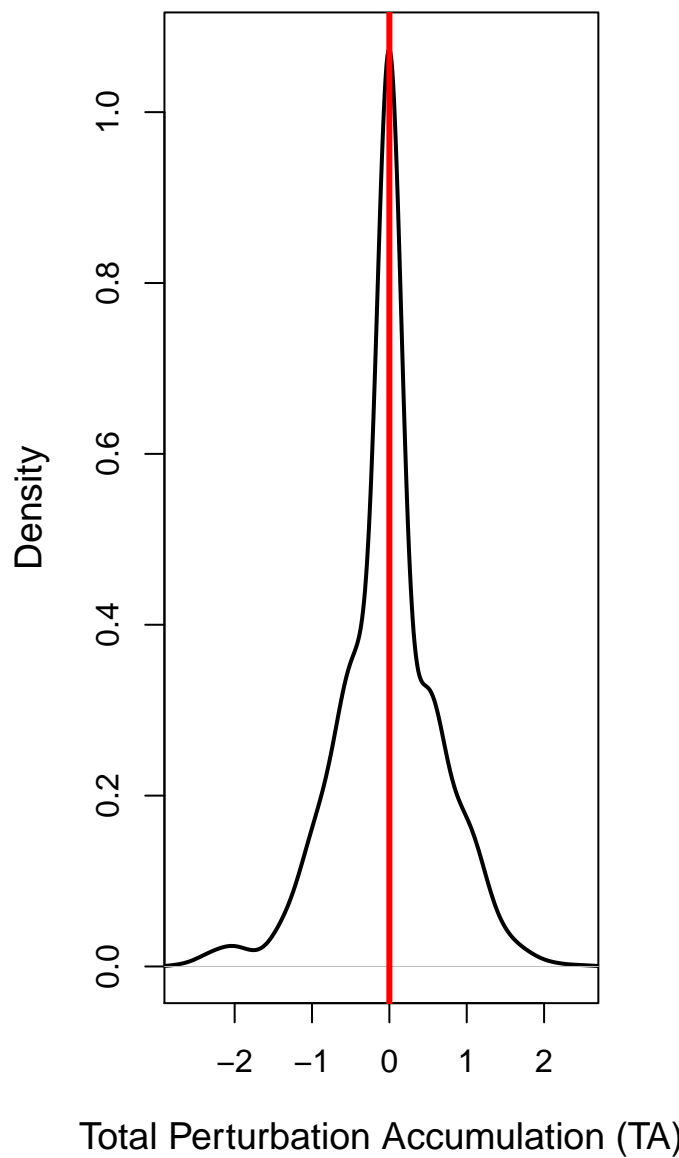
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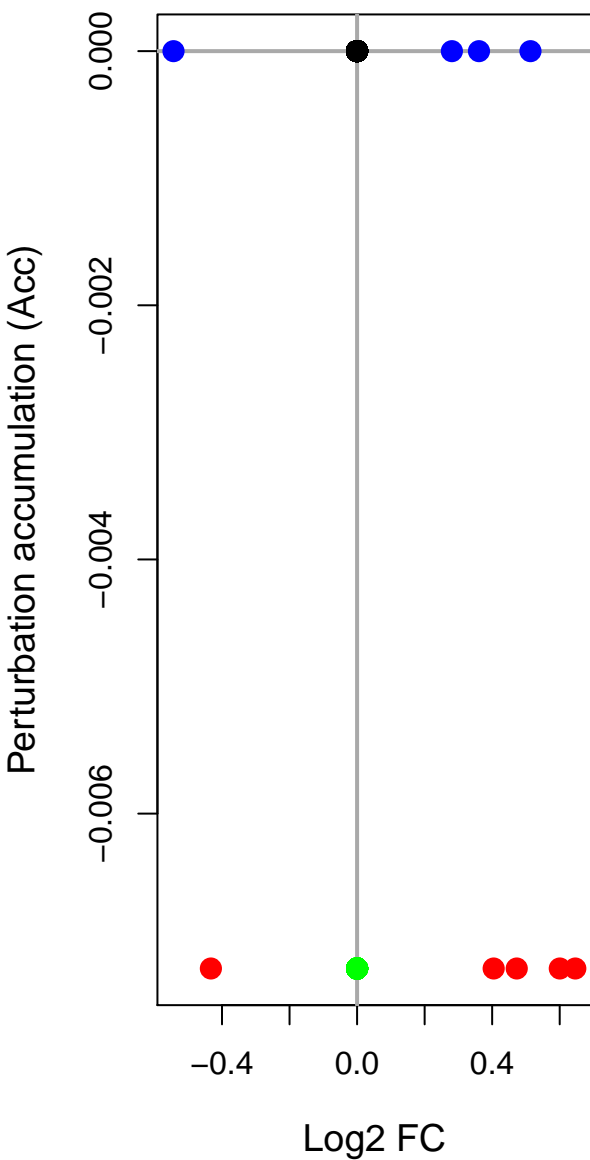
pathway ID=04622



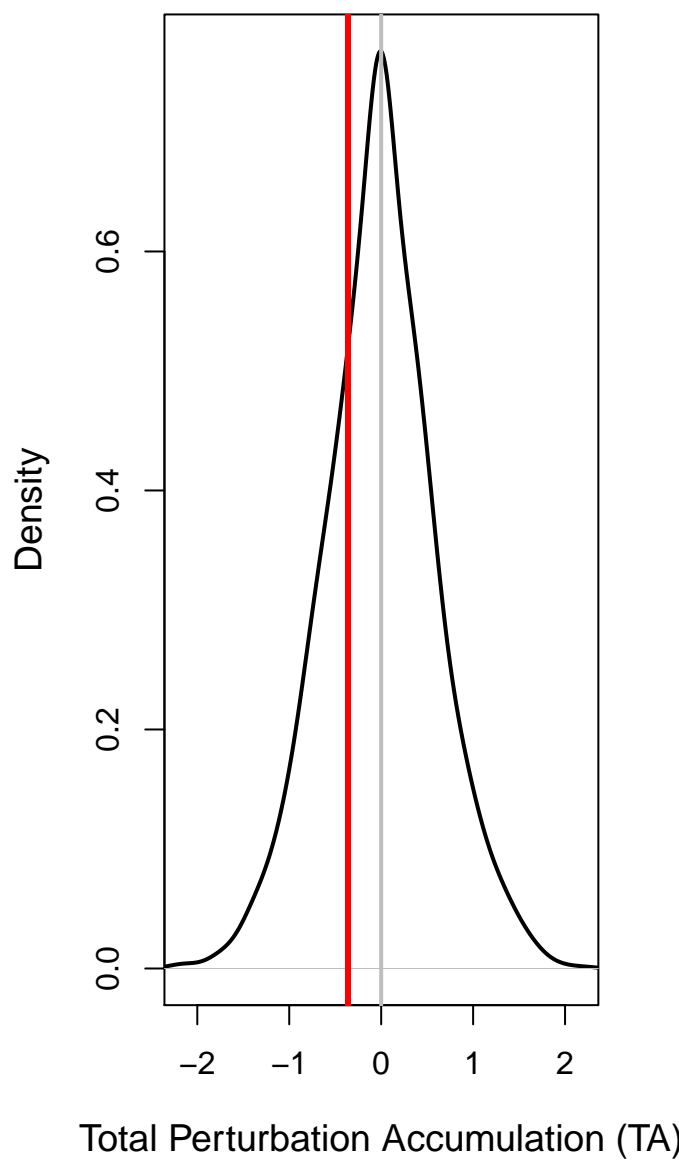
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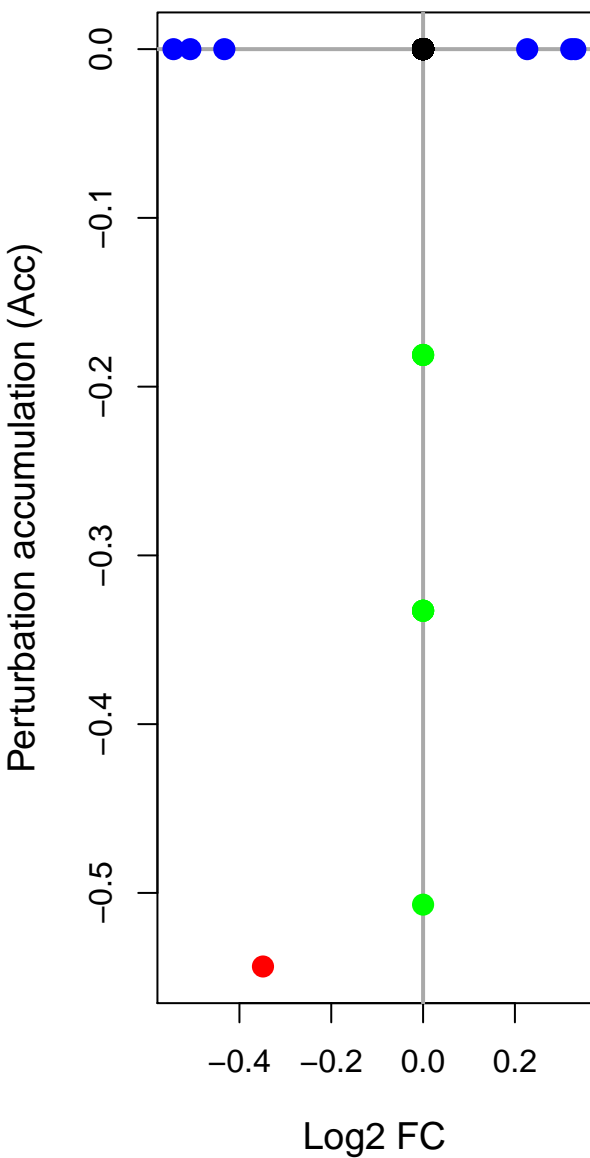
pathway ID=04630



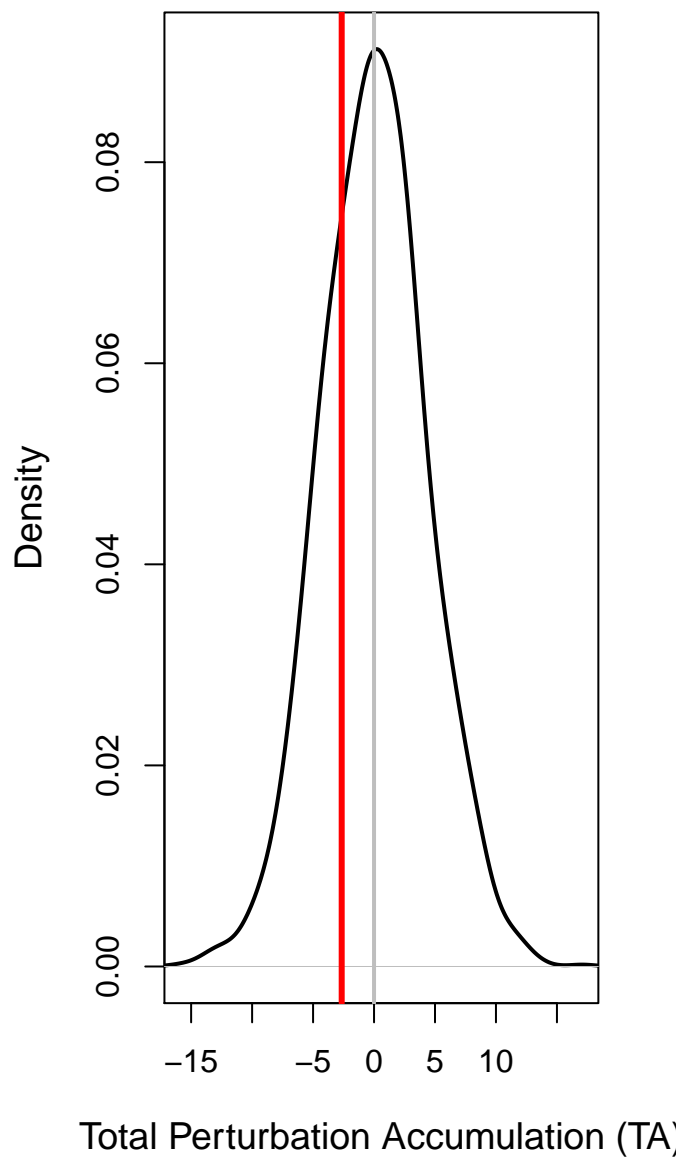
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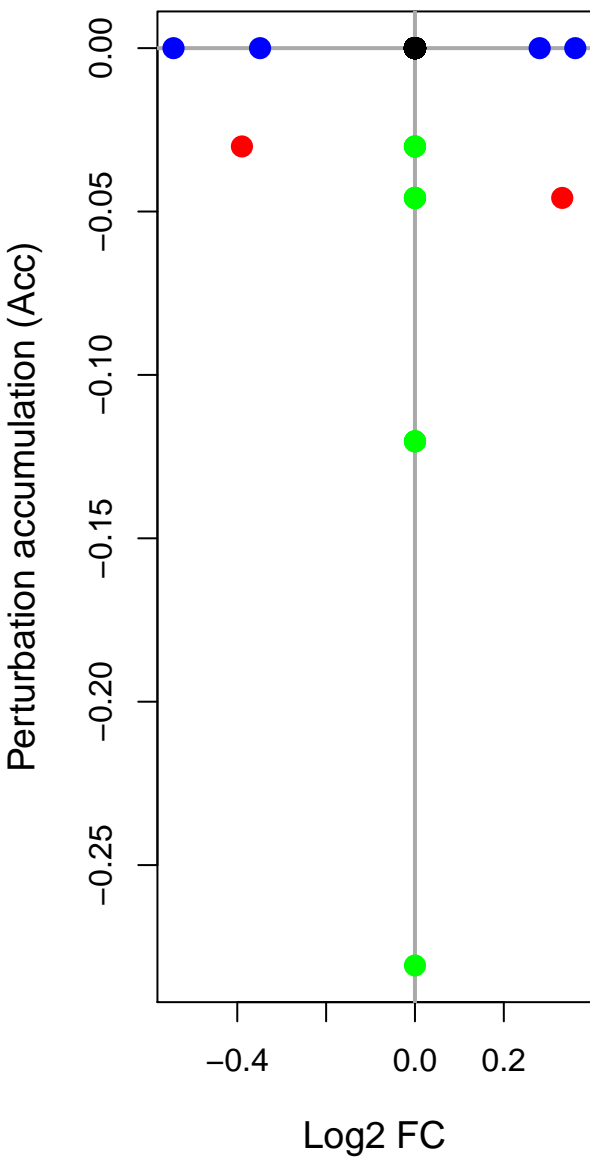
pathway ID=04650



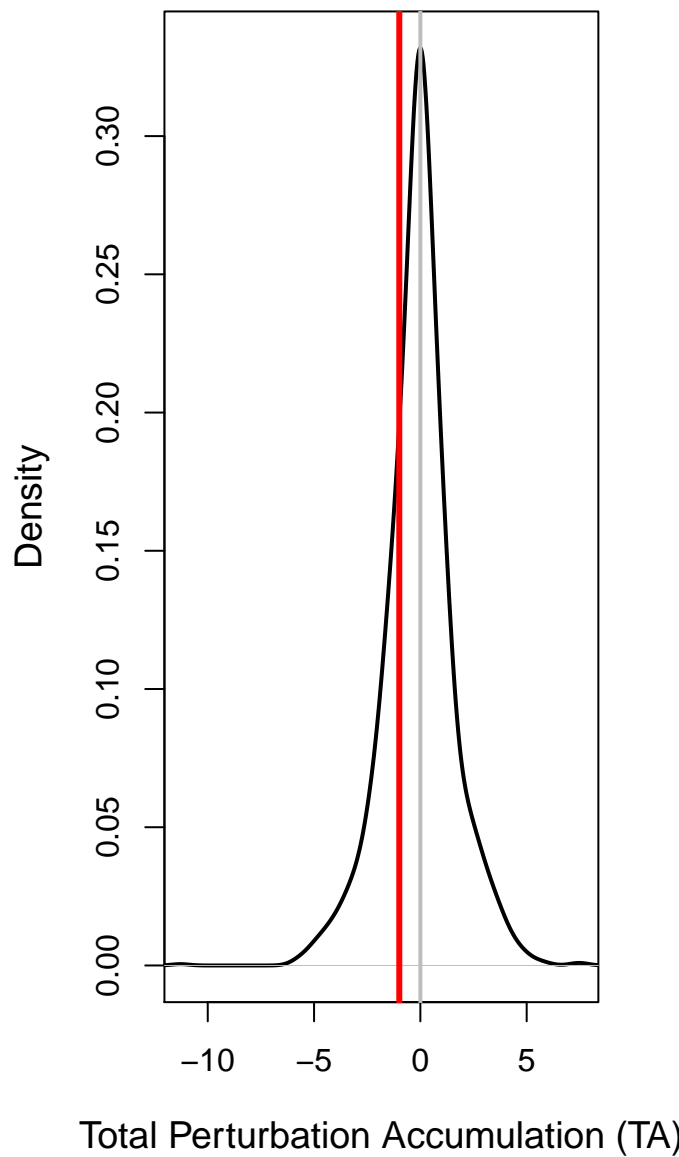
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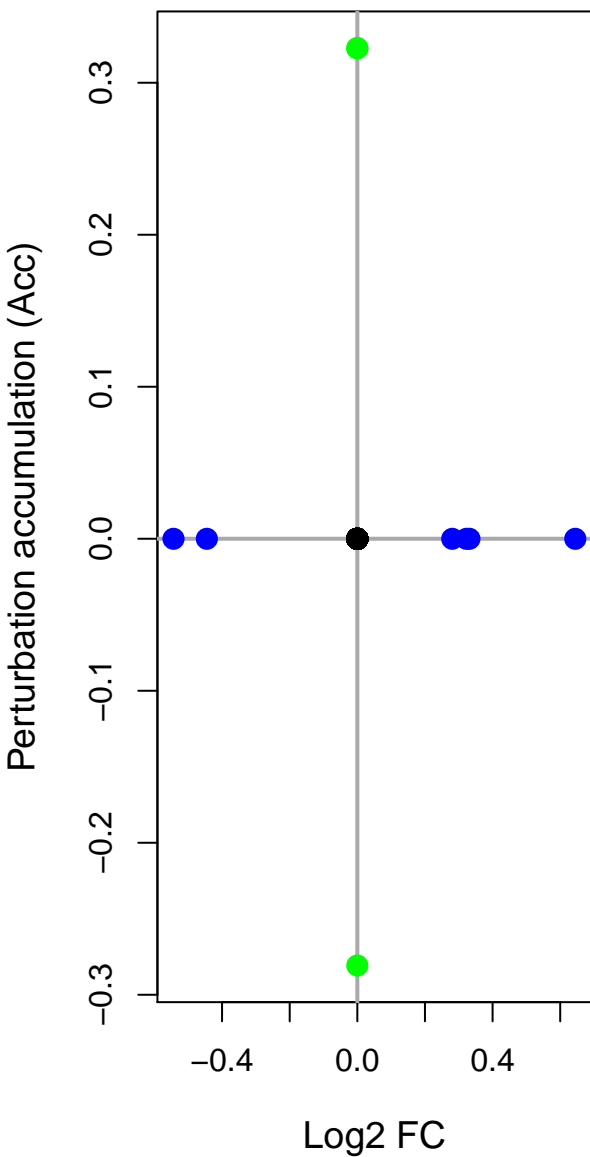
pathway ID=04660



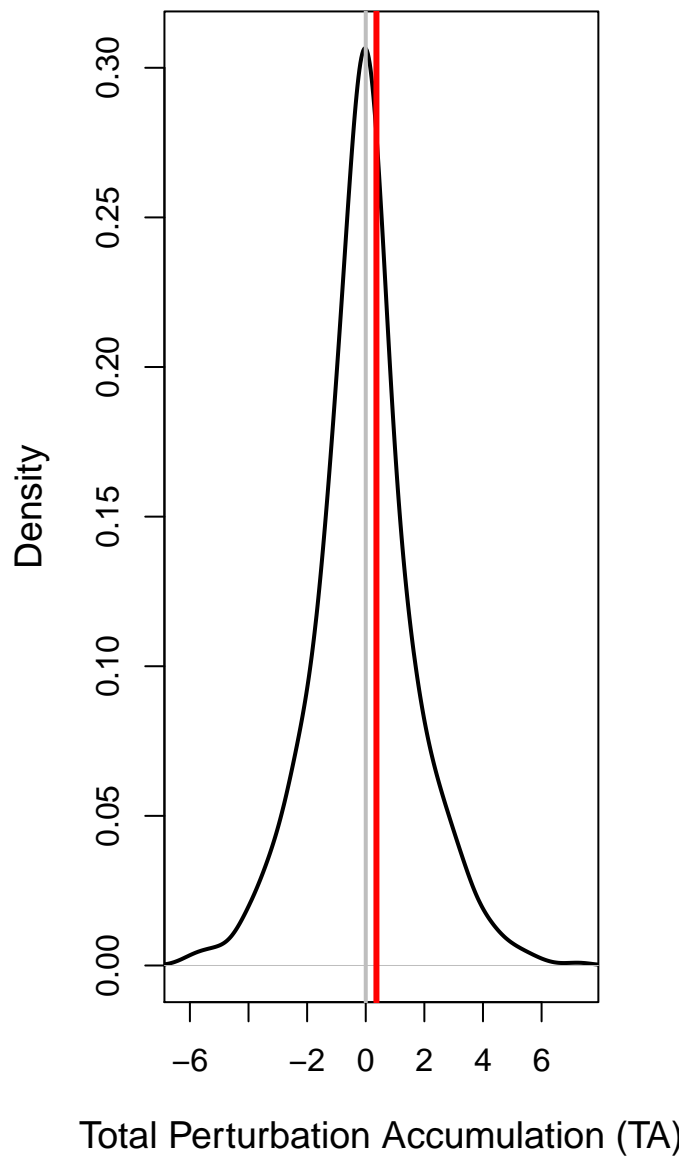
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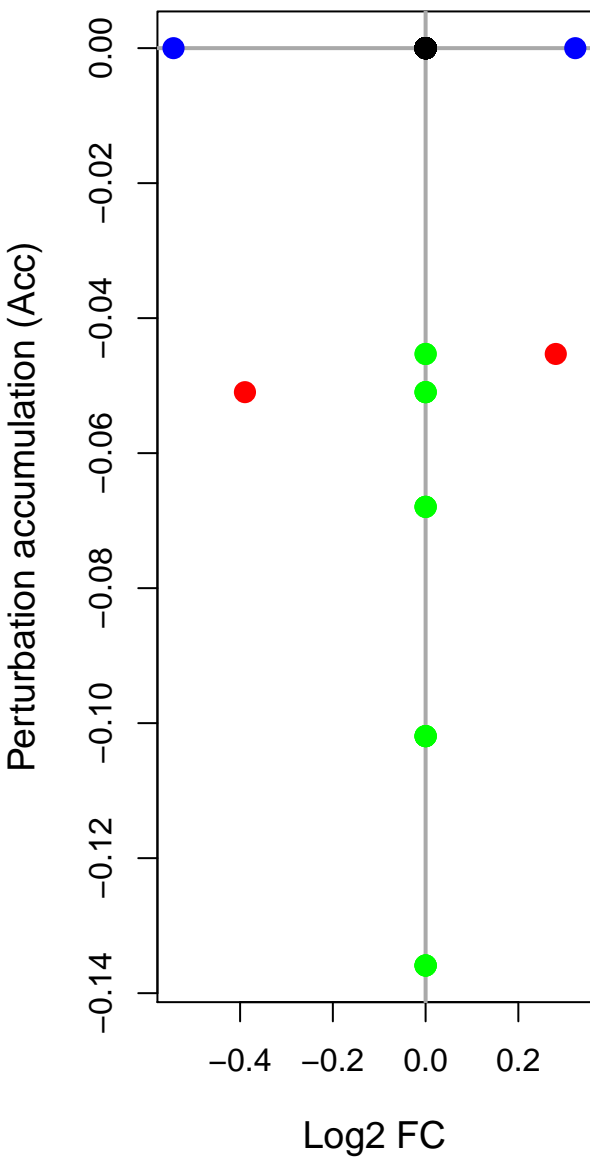
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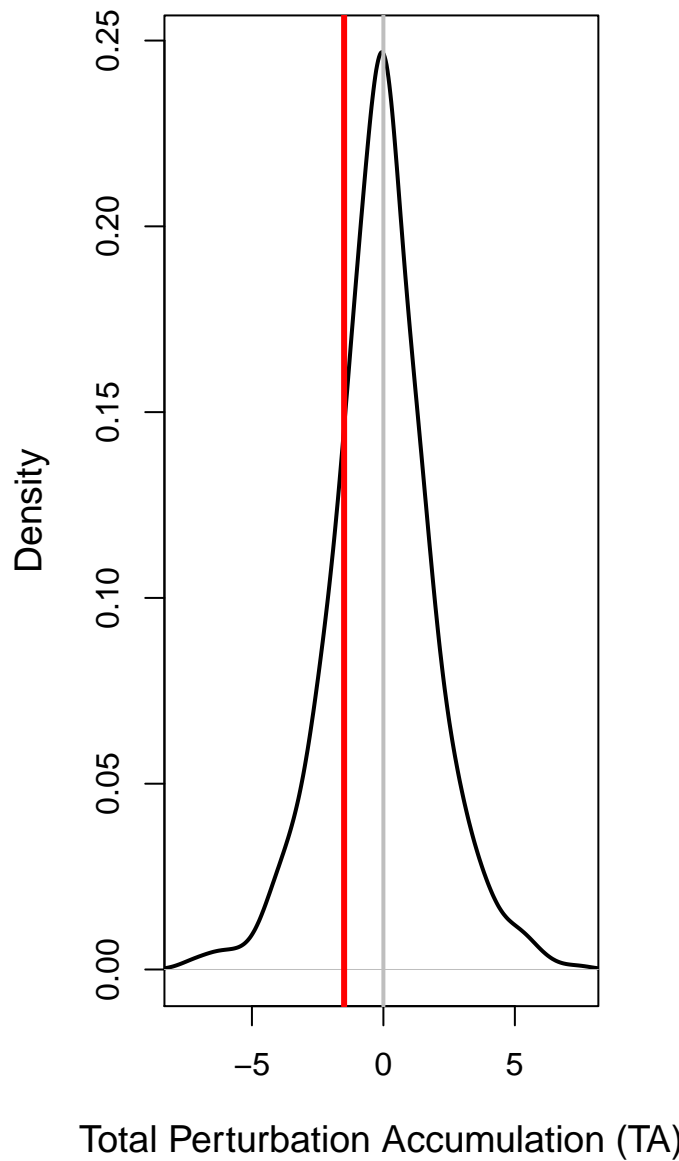
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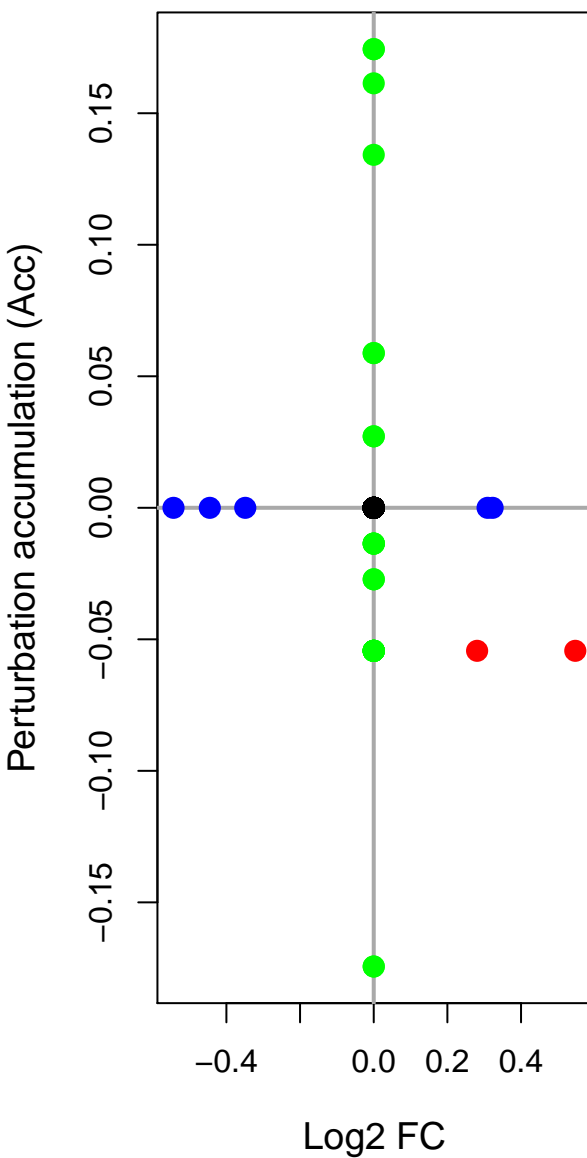
pathway ID=04664



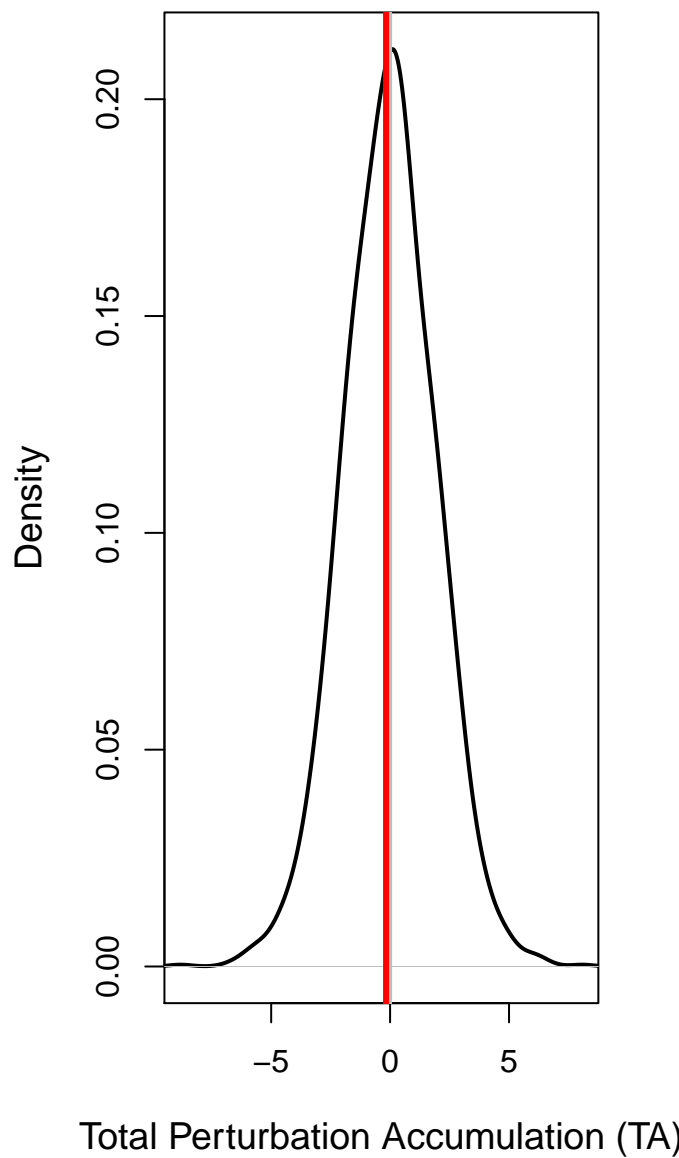
pathway ID=04664 P PERT=0.402



pathway ID=04666

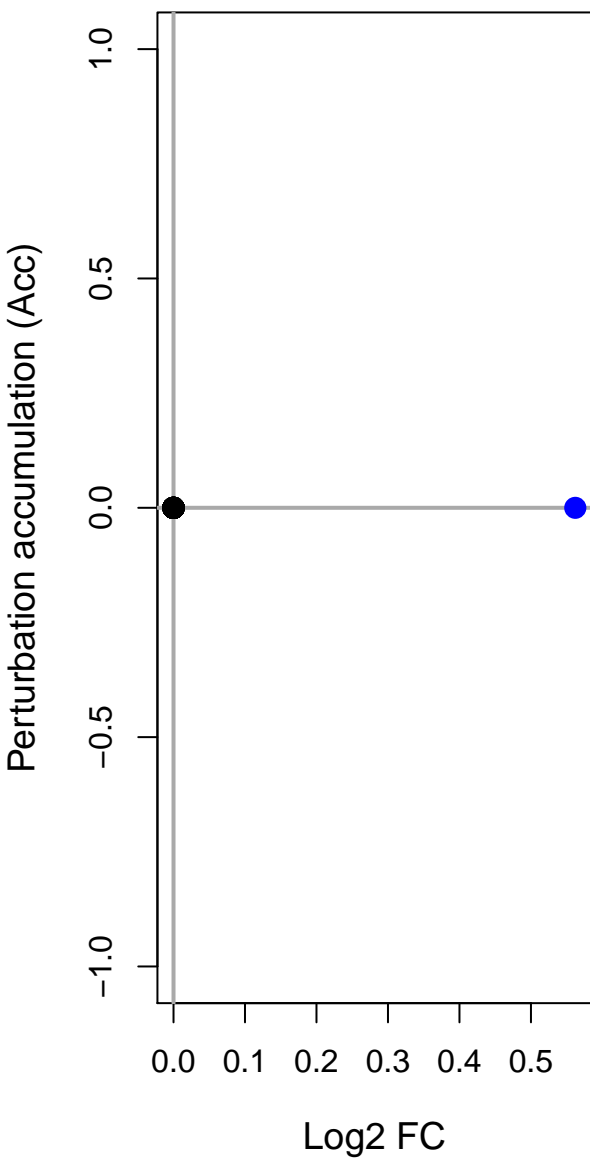


pathway ID=04666 P PERT=0.927

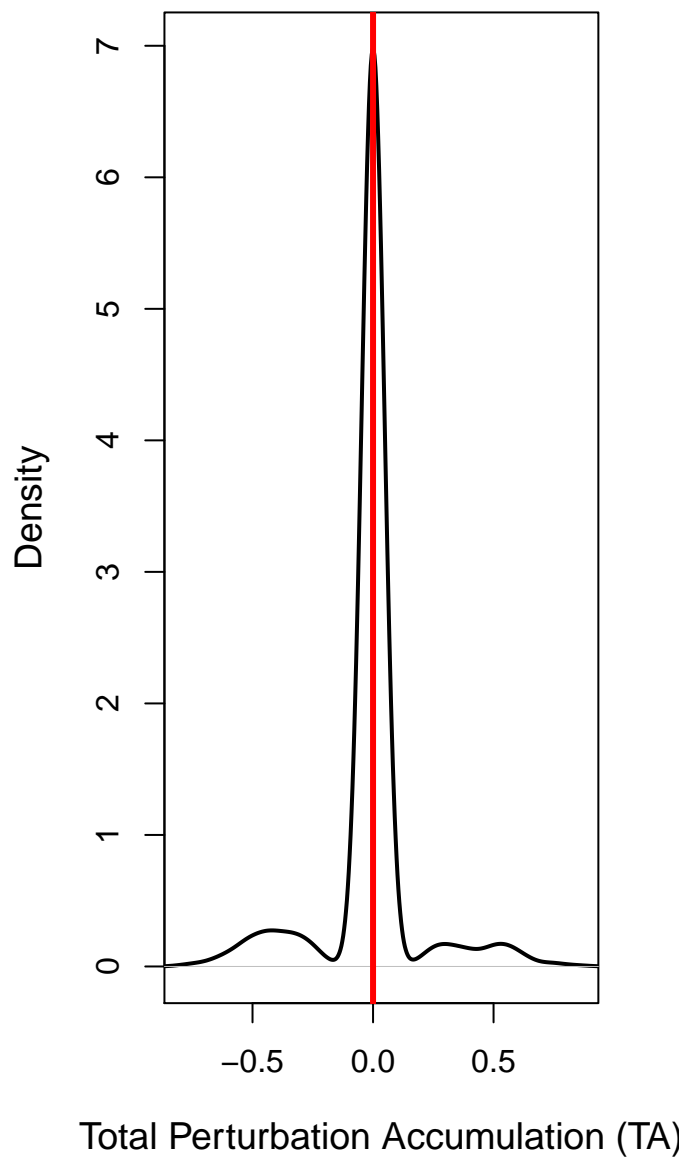


Total Perturbation Accumulation (TA)

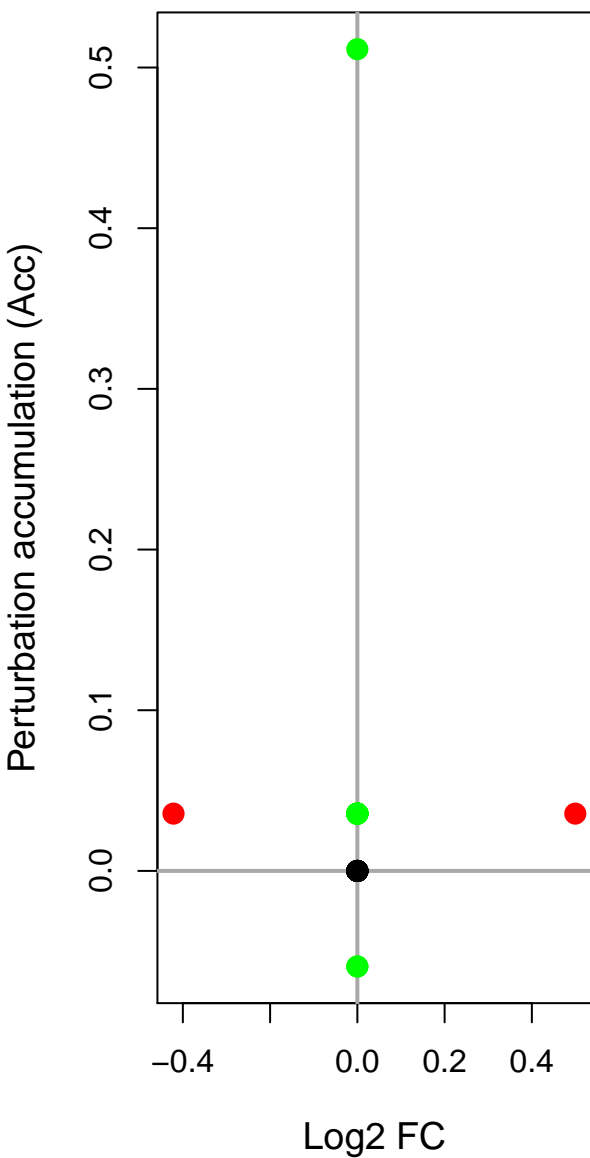
pathway ID=04672



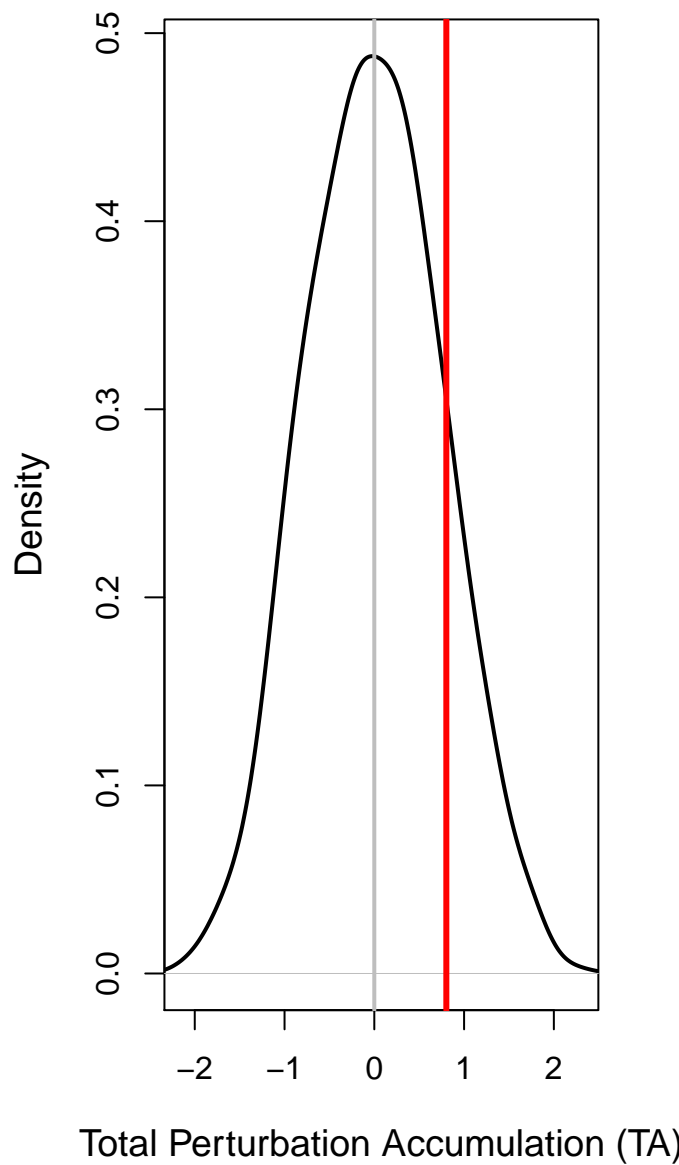
pathway ID=04672 P PERT=1



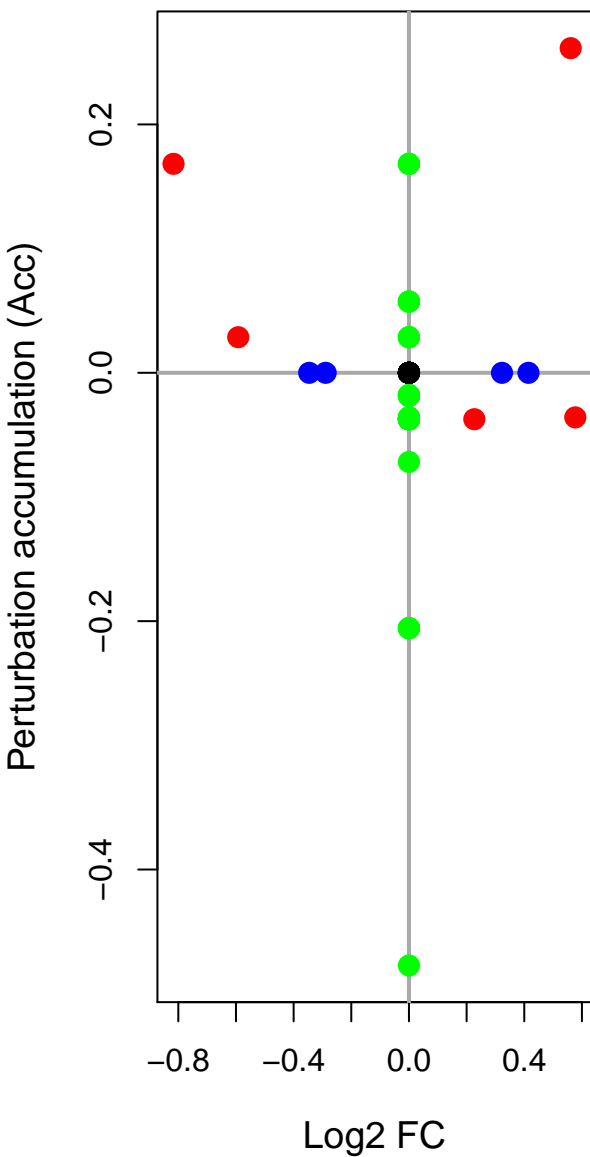
pathway ID=04710



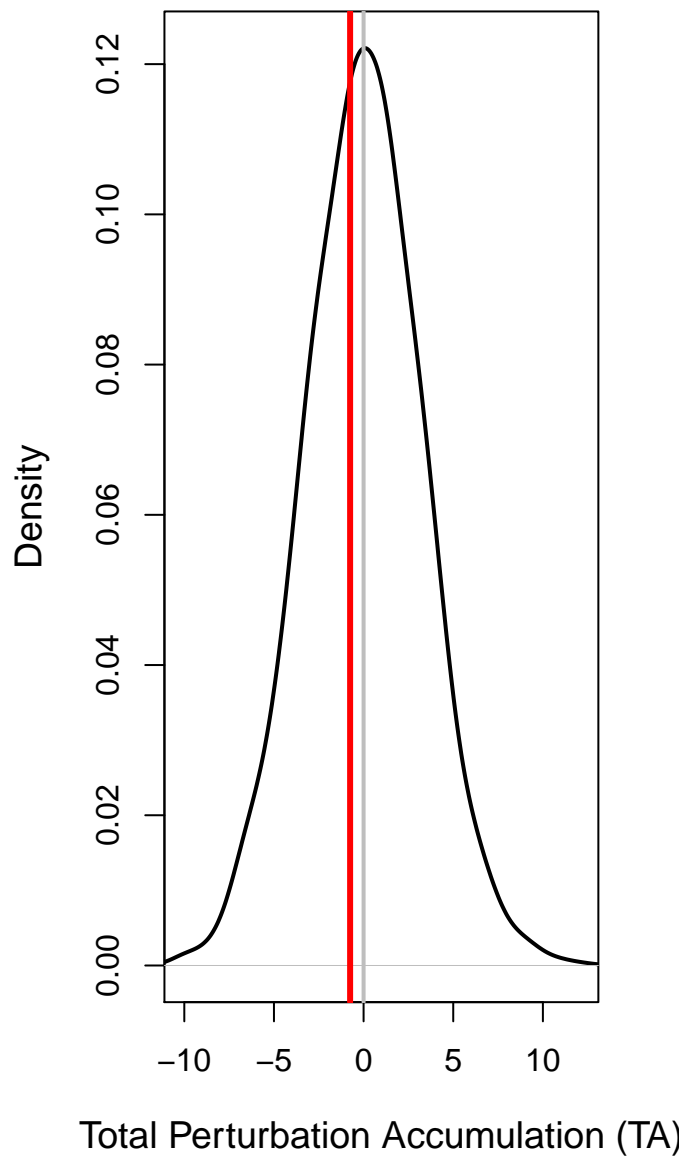
pathway ID=04710 P PERT=0.304



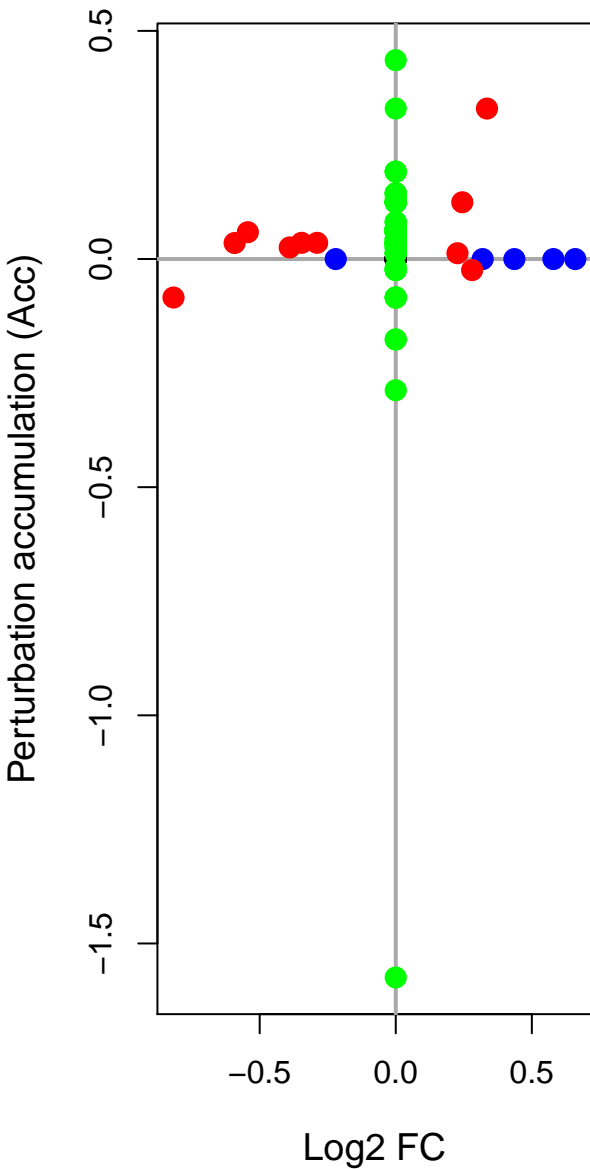
pathway ID=04720



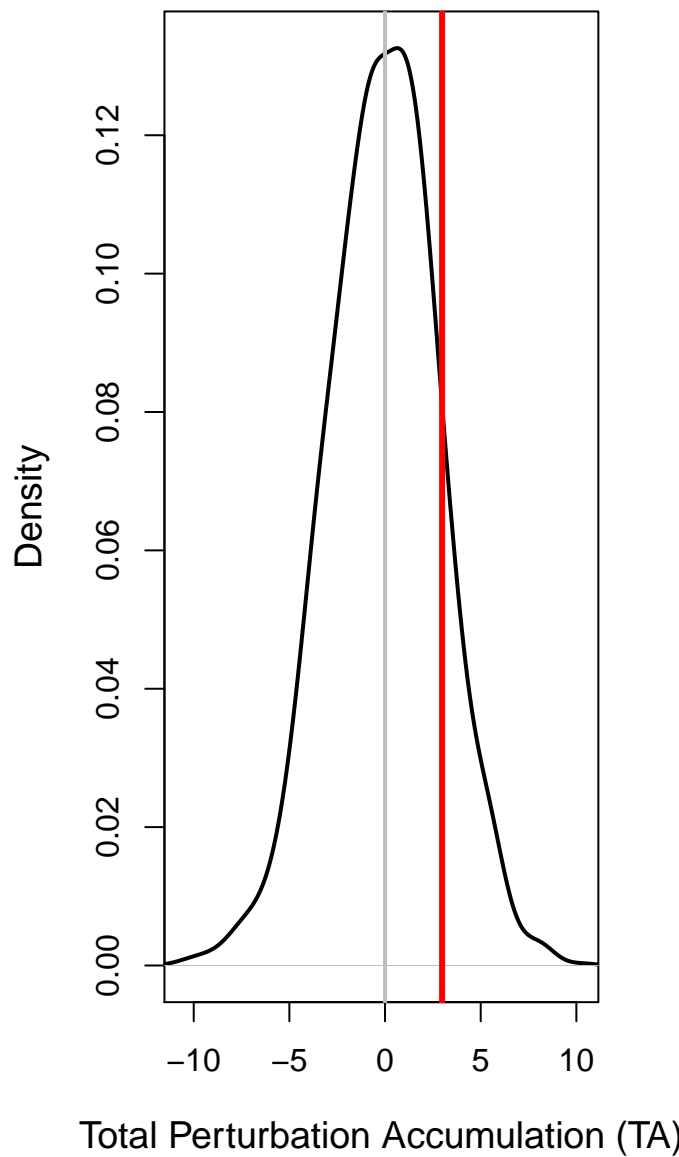
pathway ID=04720 P PERT=0.797



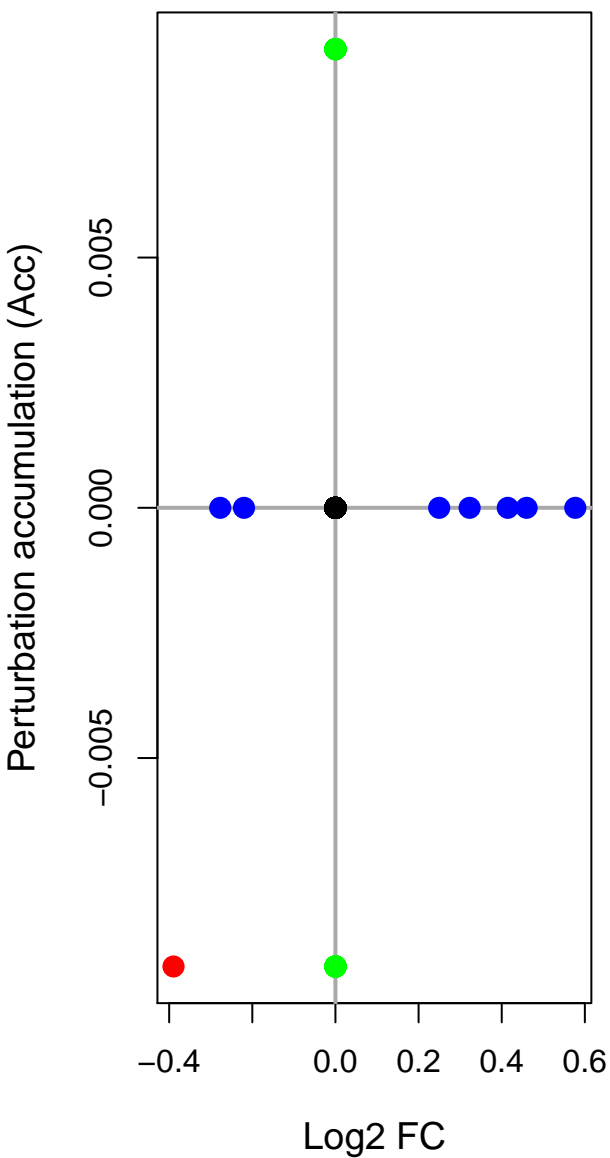
pathway ID=04722



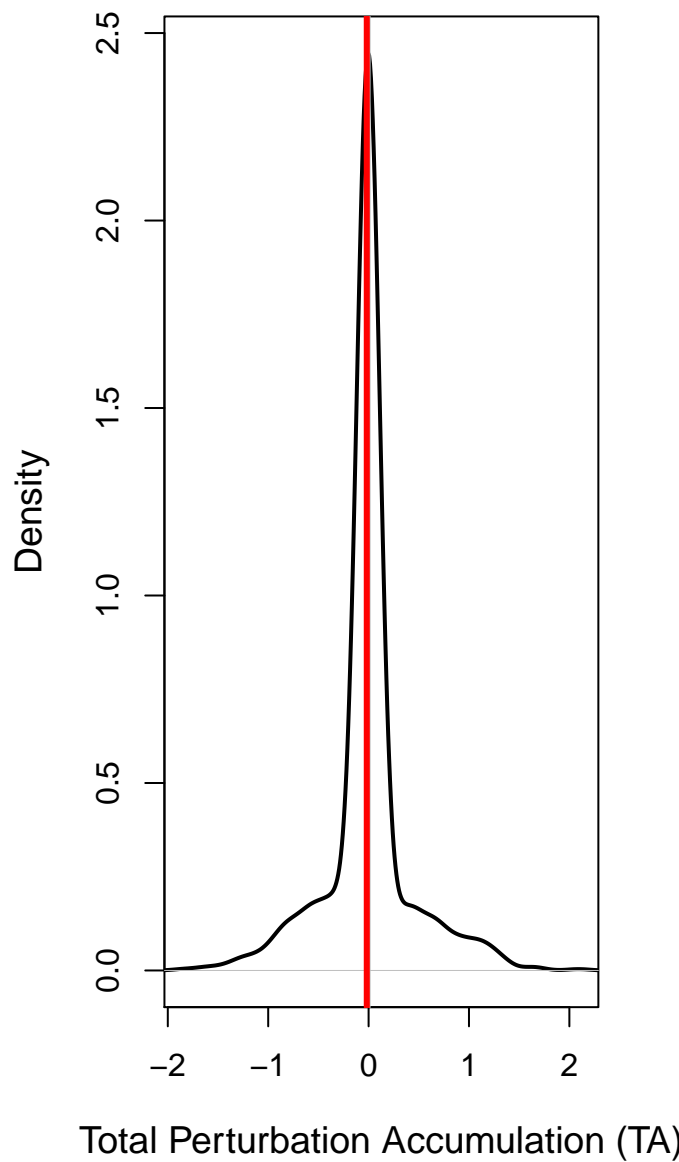
pathway ID=04722 P PERT=0.274



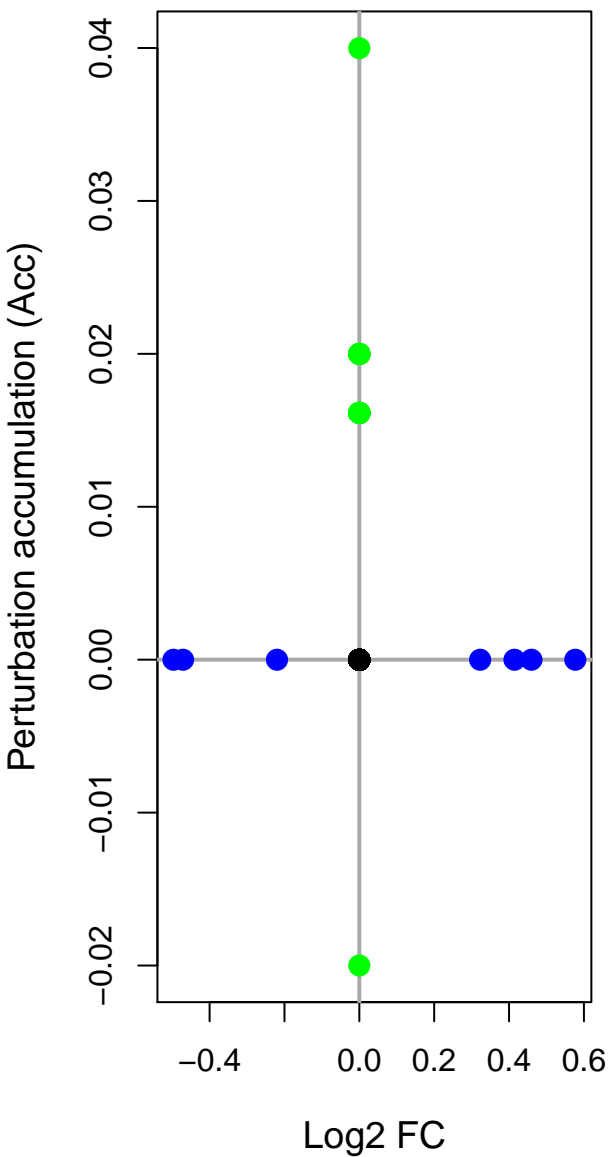
pathway ID=04723



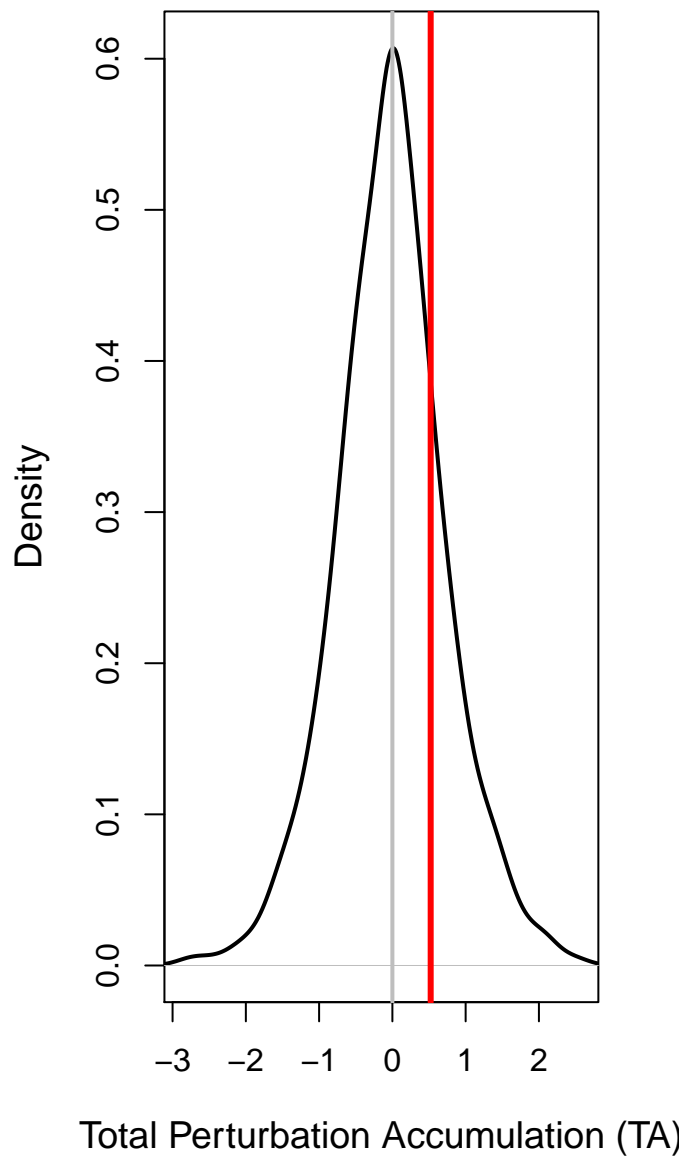
pathway ID=04723 P PERT=0.863



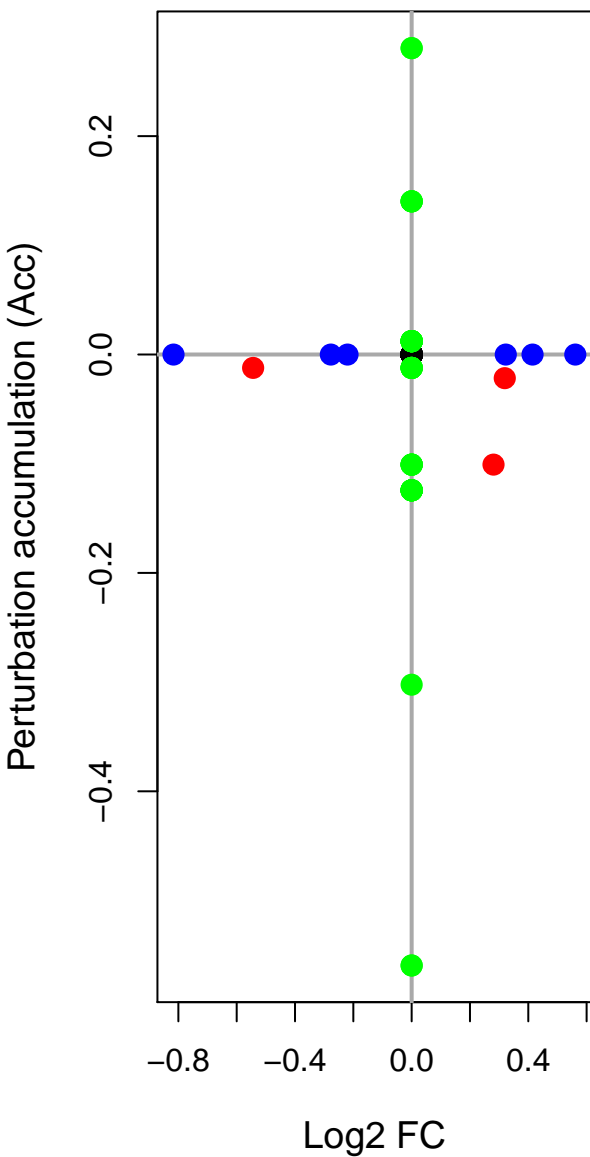
pathway ID=04724



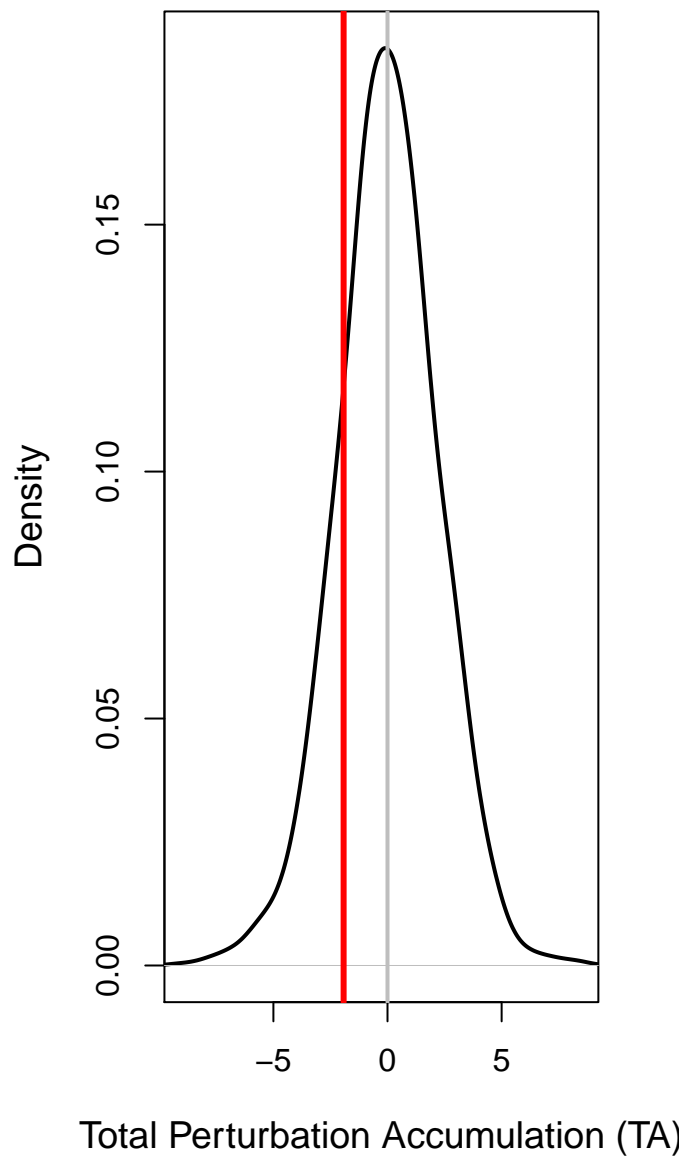
pathway ID=04724 P PERT=0.412



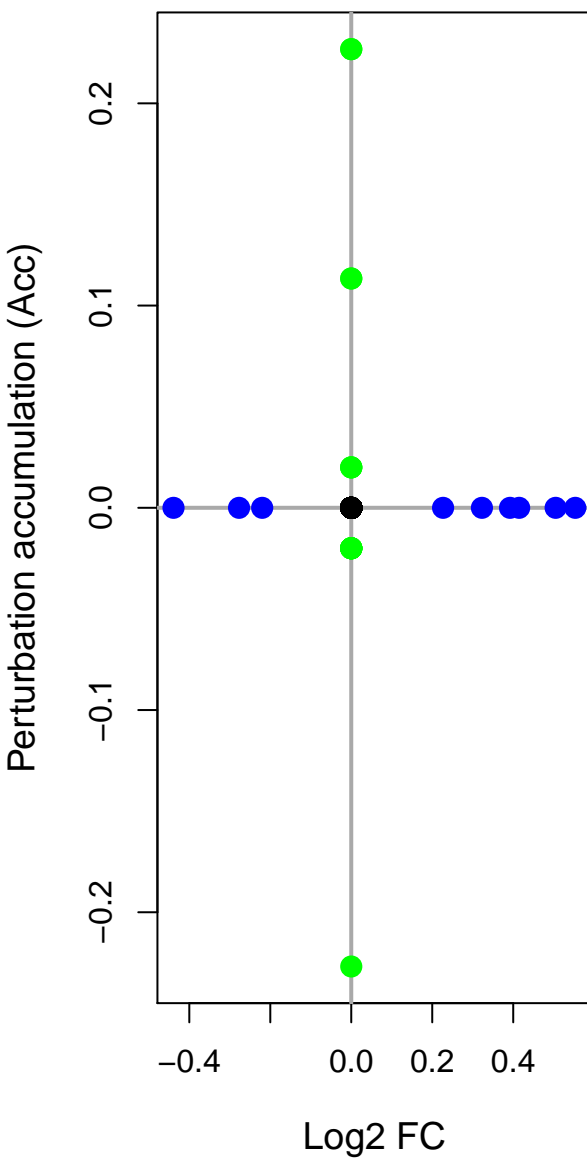
pathway ID=04725



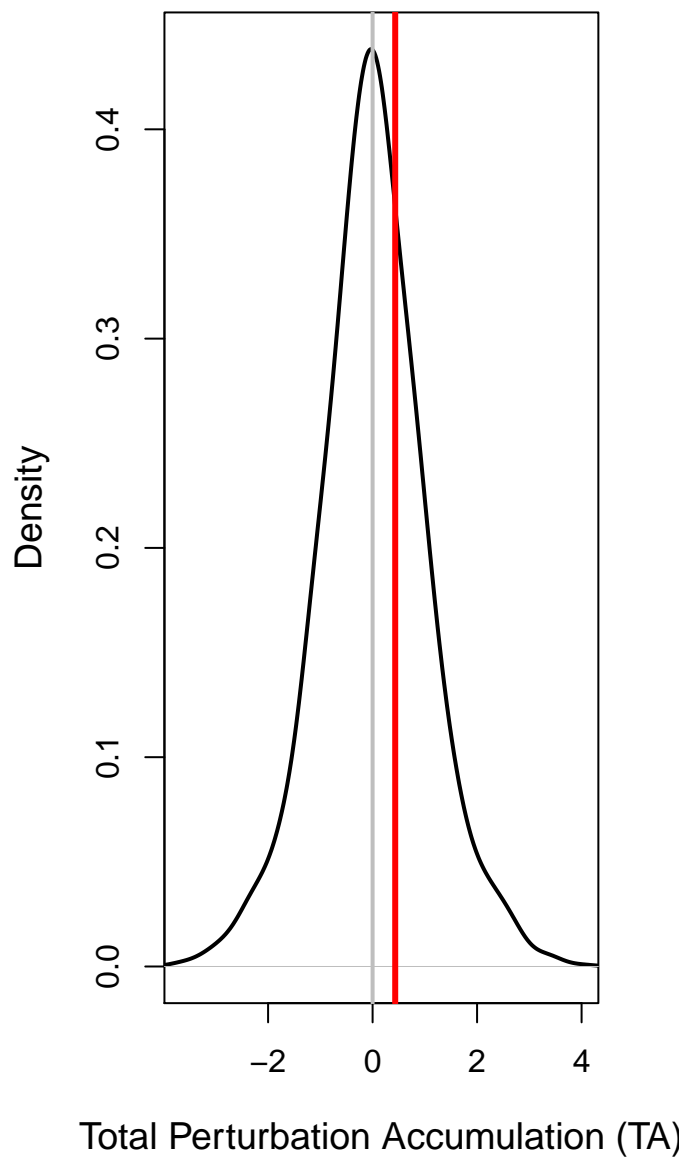
pathway ID=04725 P PERT=0.366



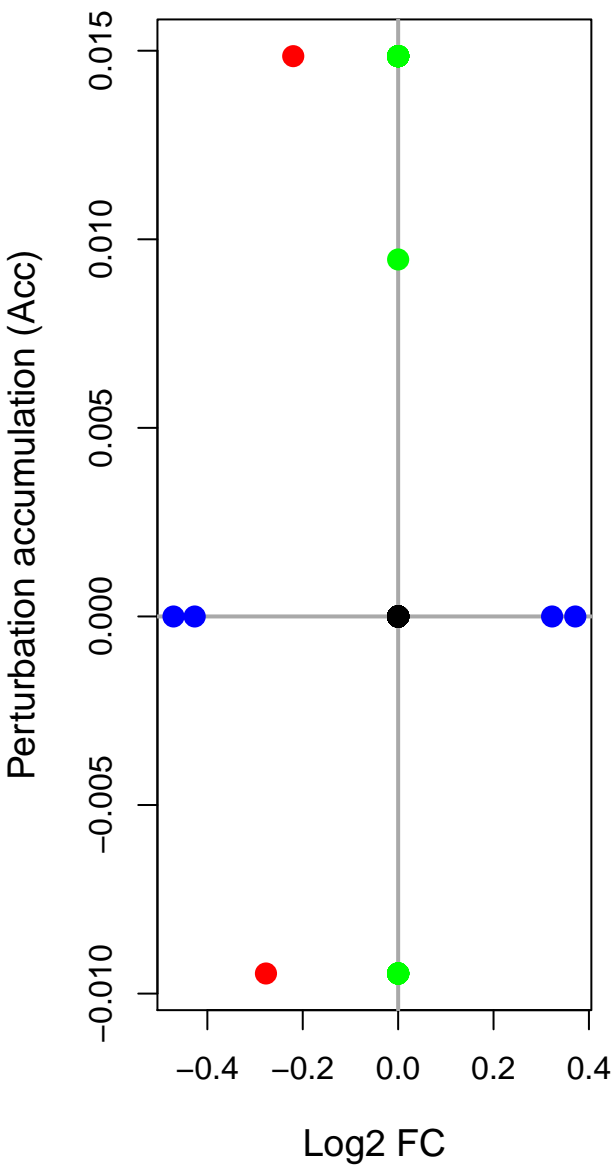
pathway ID=04726



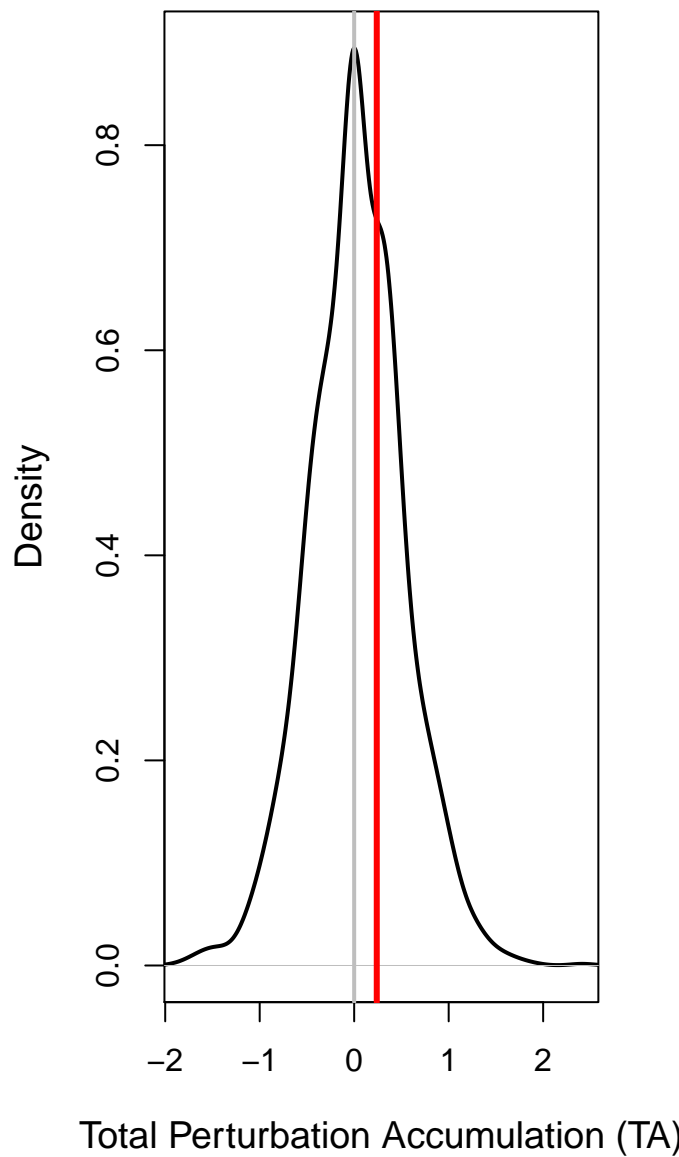
pathway ID=04726 P PERT=0.623



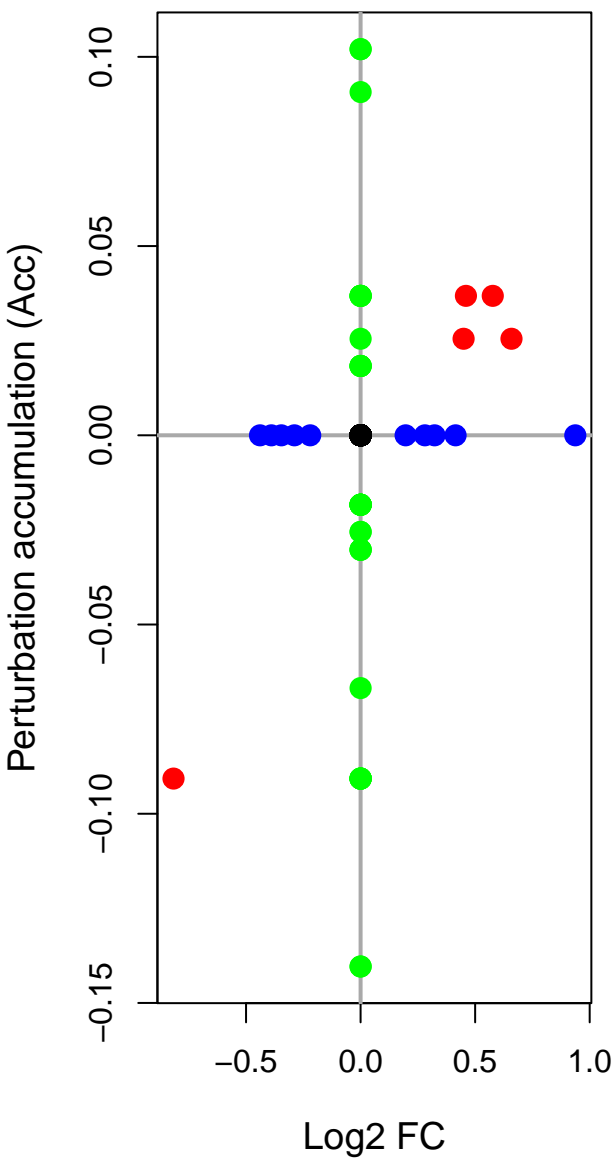
pathway ID=04727



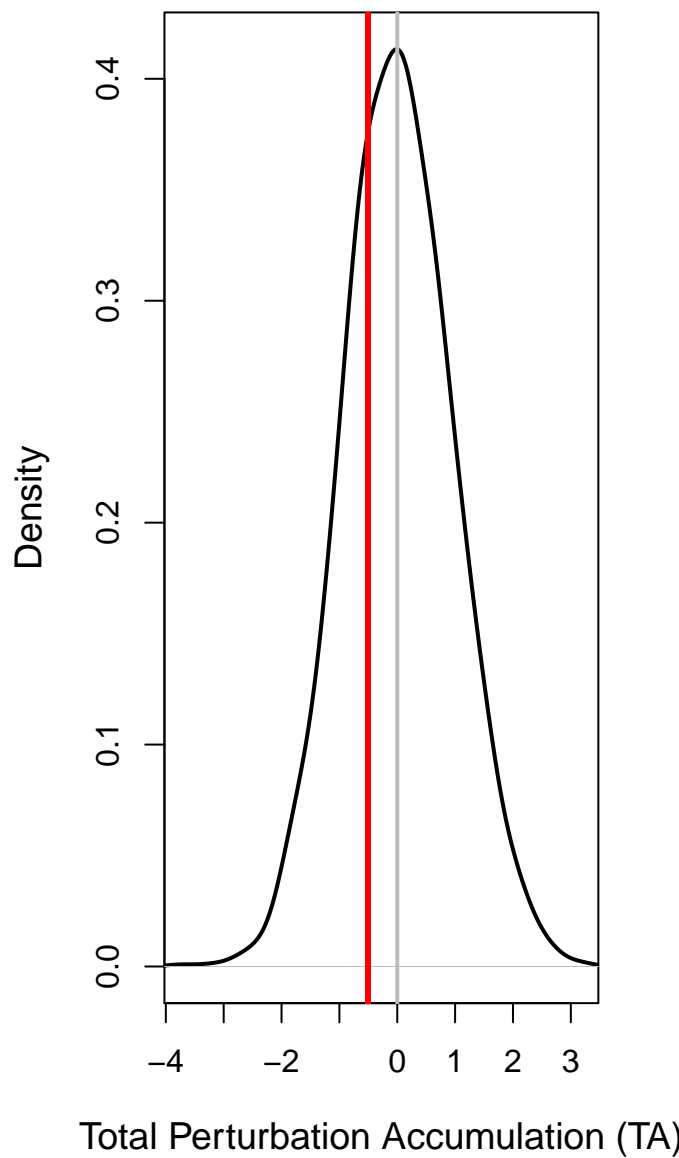
pathway ID=04727 P PERT=0.7



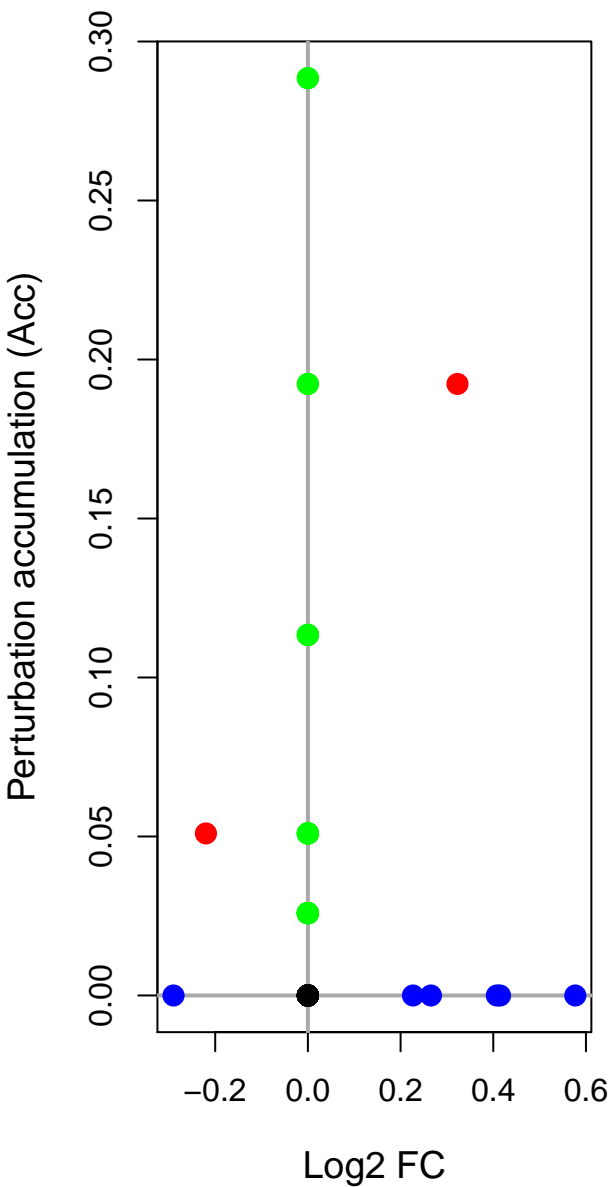
pathway ID=04728



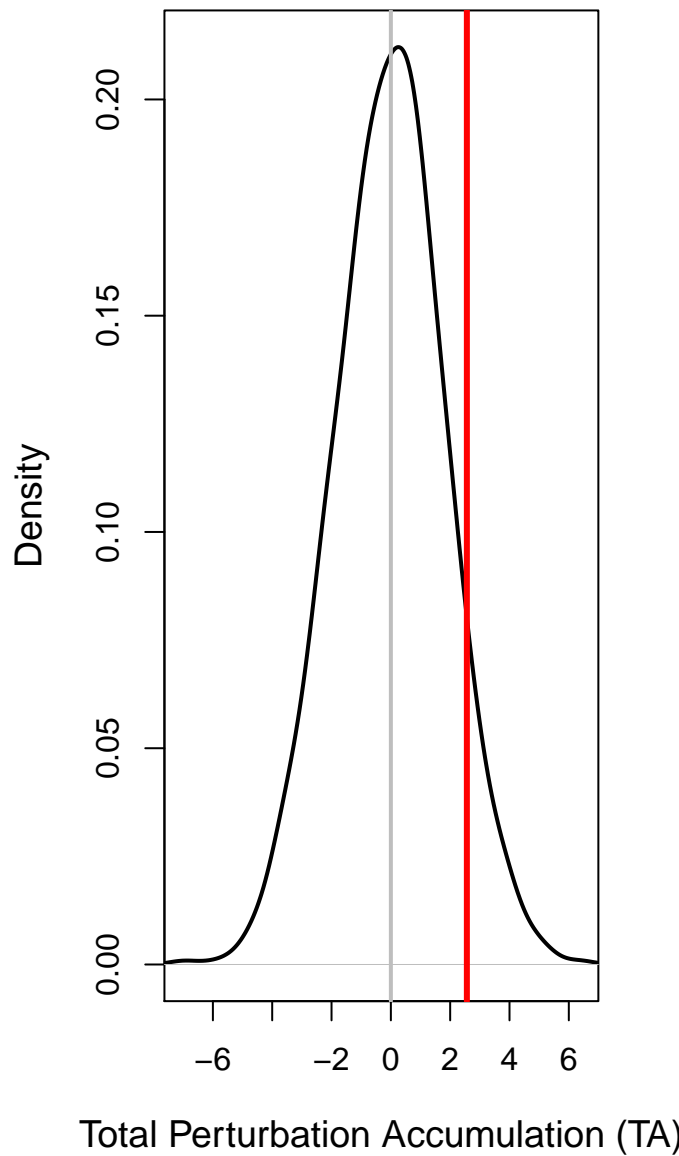
pathway ID=04728 P PERT=0.596



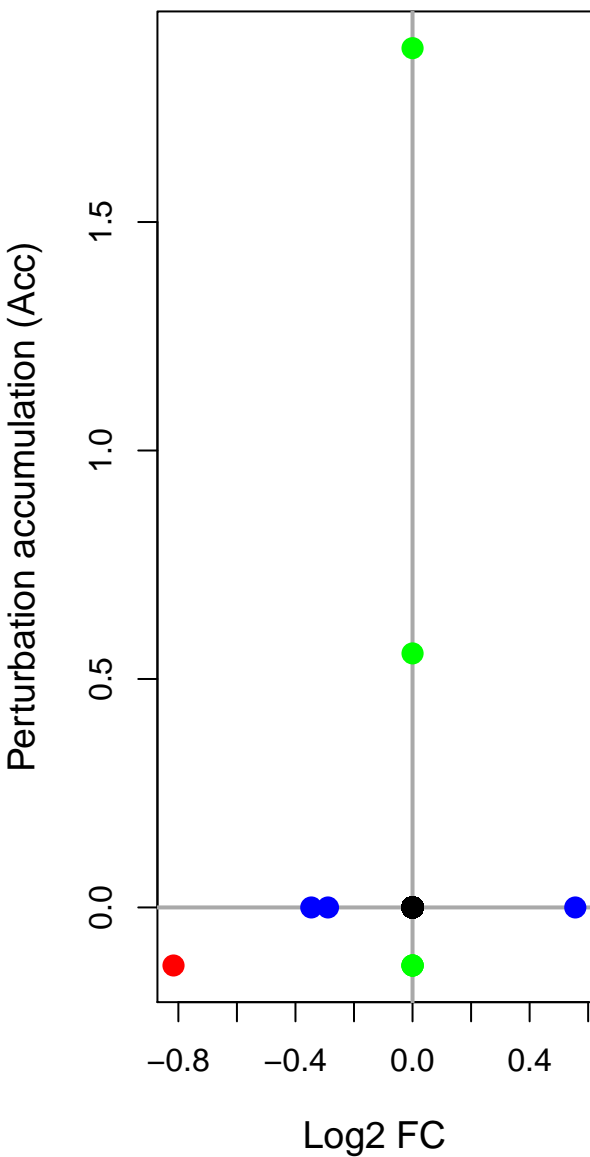
pathway ID=04730



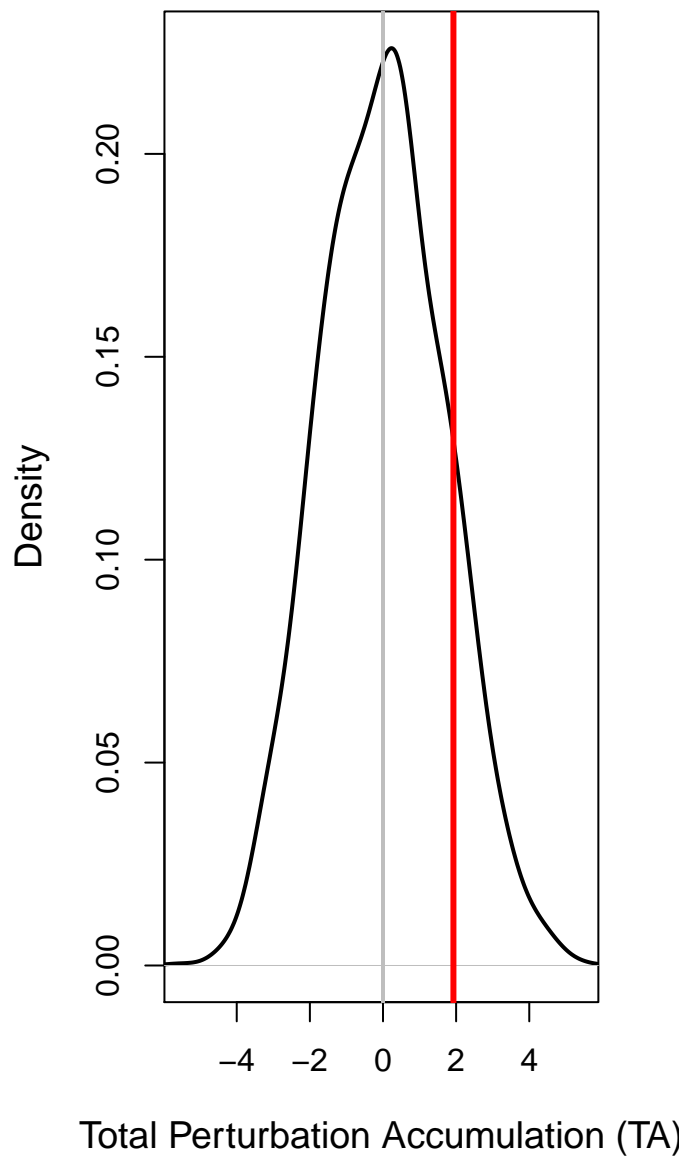
pathway ID=04730 P PERT=0.155



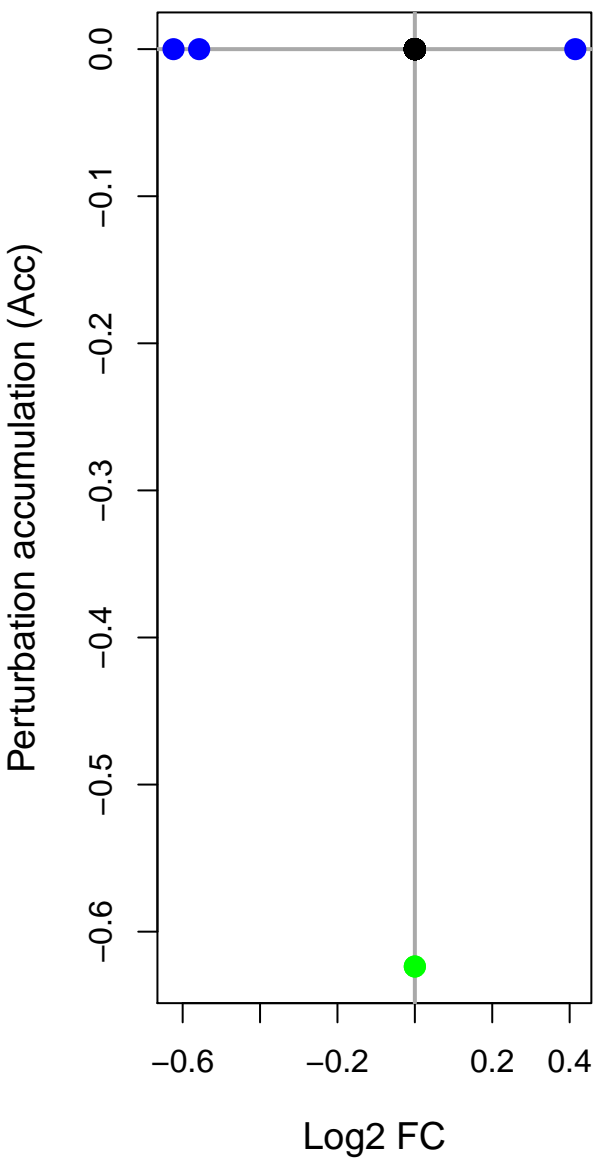
pathway ID=04740



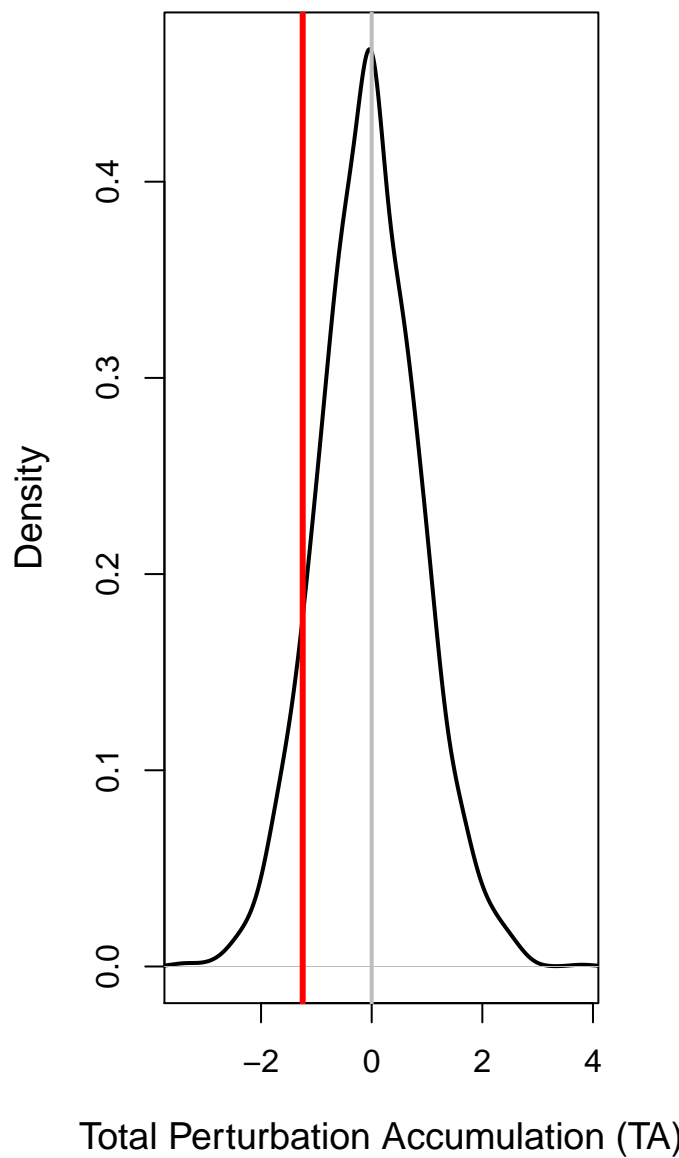
pathway ID=04740 P PERT=0.266



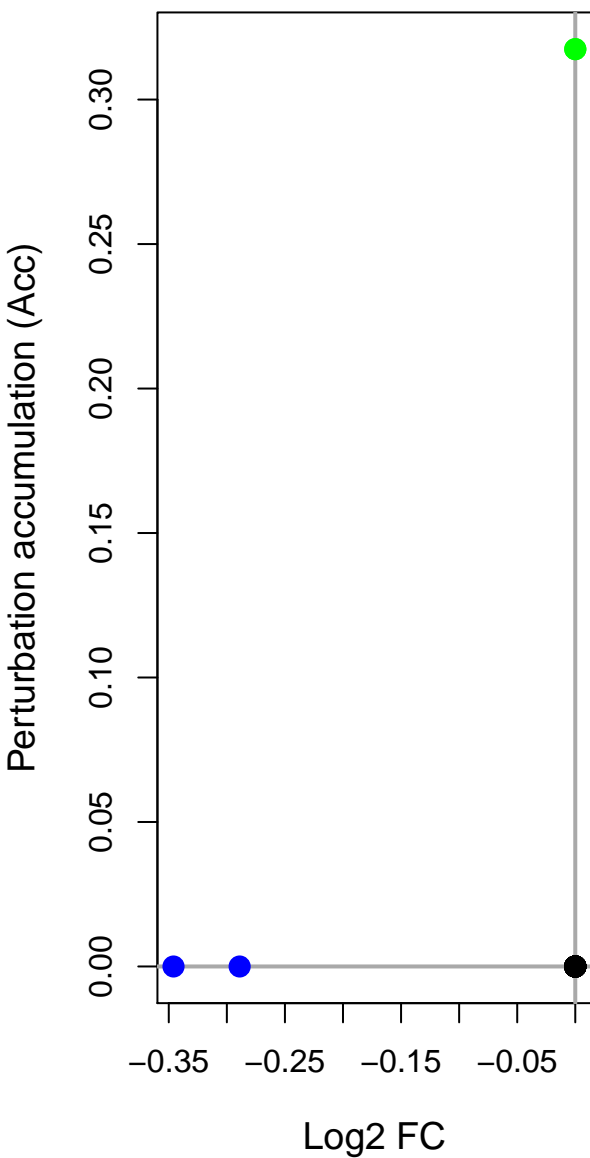
pathway ID=04742



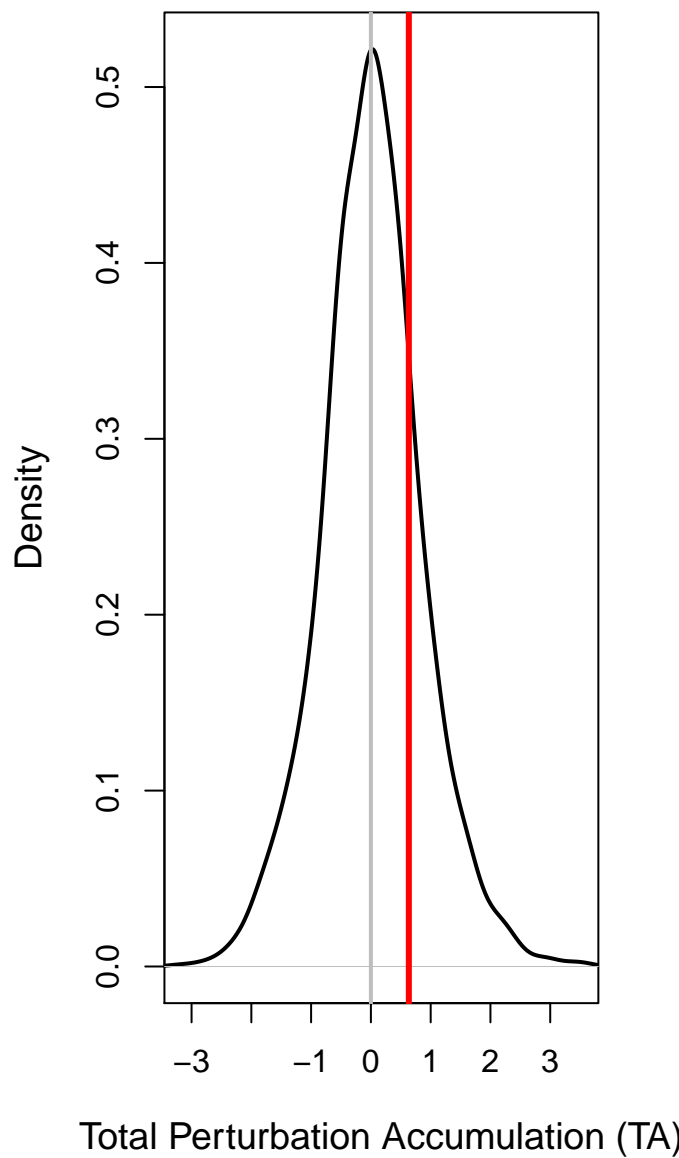
pathway ID=04742 P PERT=0.174



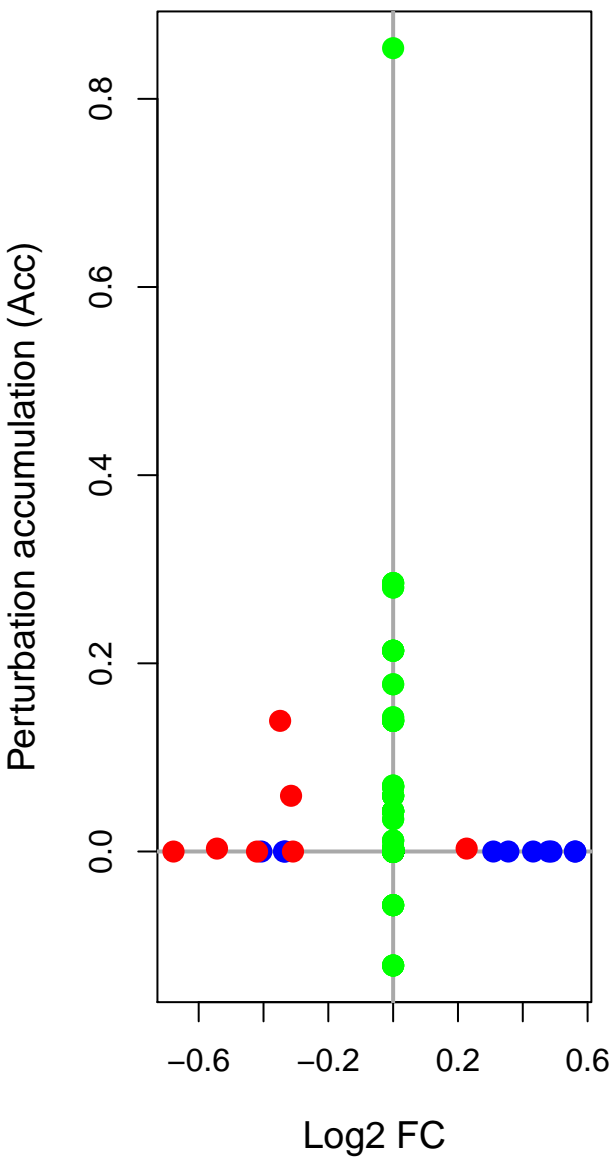
pathway ID=04744



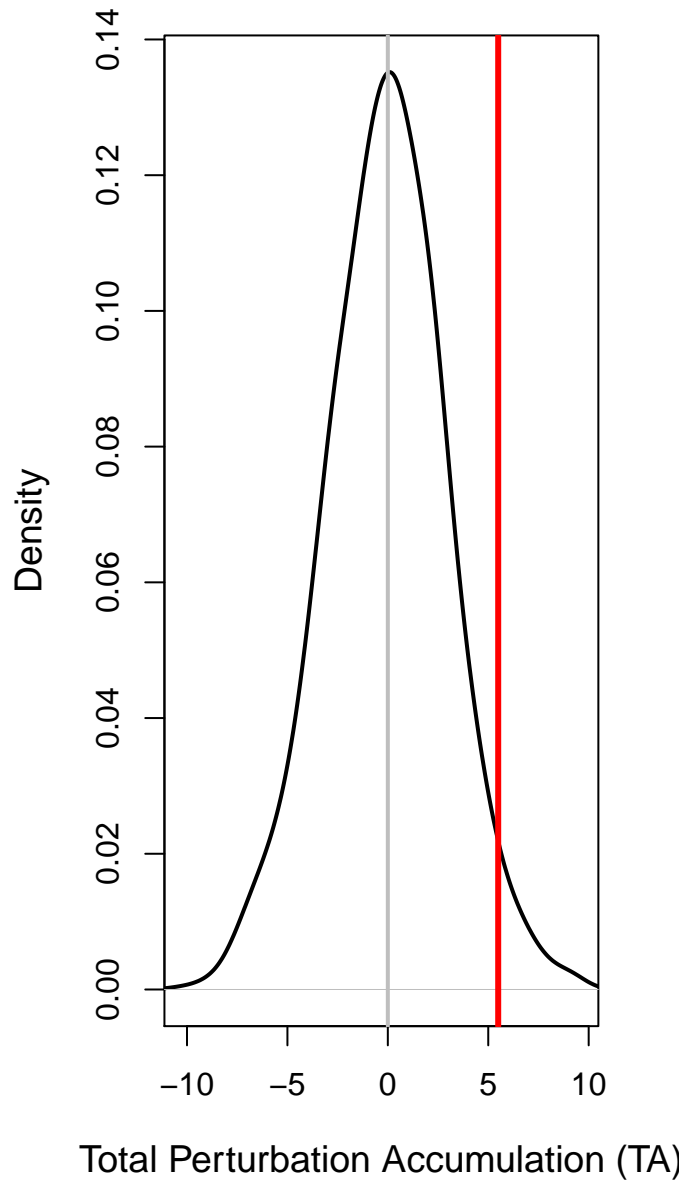
pathway ID=04744 P PERT=0.405



pathway ID=04810



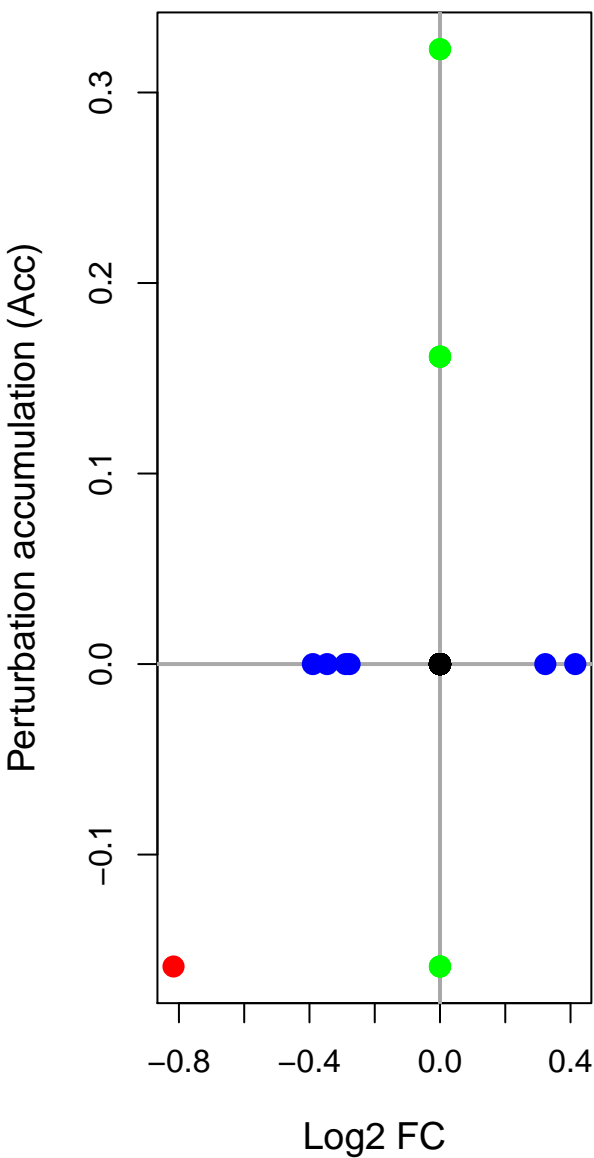
pathway ID=04810 P PERT=0.061



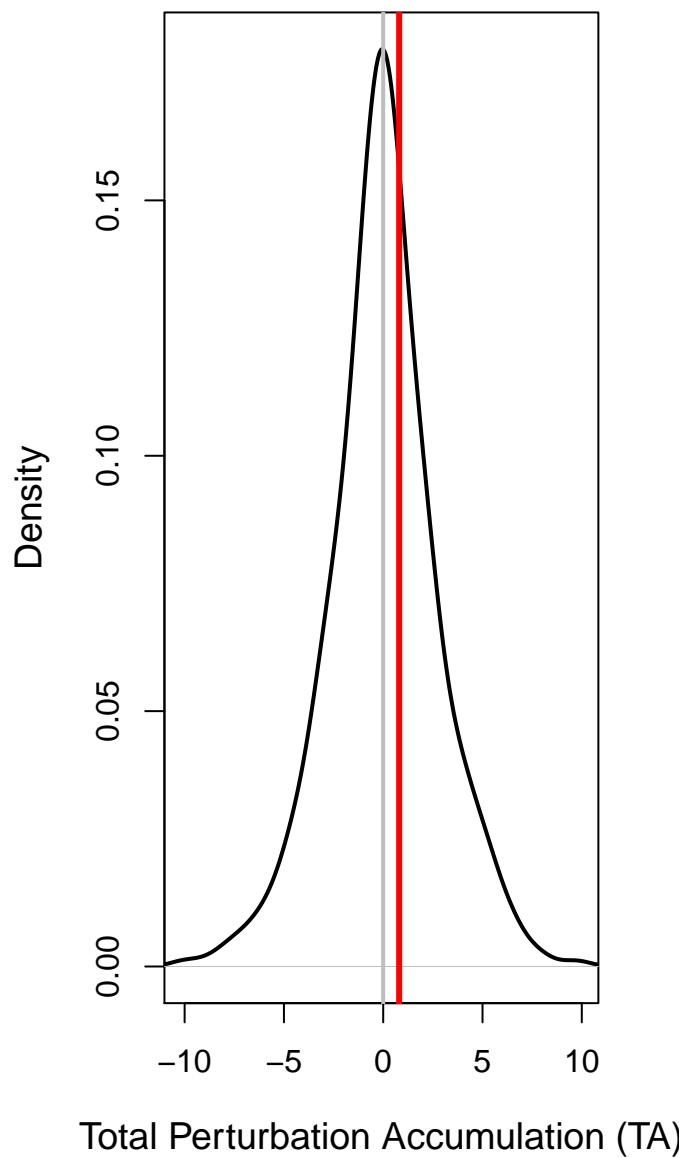
Total Perturbation Accumulation (TA)

A density plot of a normal distribution centered at 0. The x-axis ranges from -15 to 15, and the y-axis (Density) ranges from 0.00 to 0.08. A vertical gray line is at x=0, and a vertical red line is at approximately x=2.5.

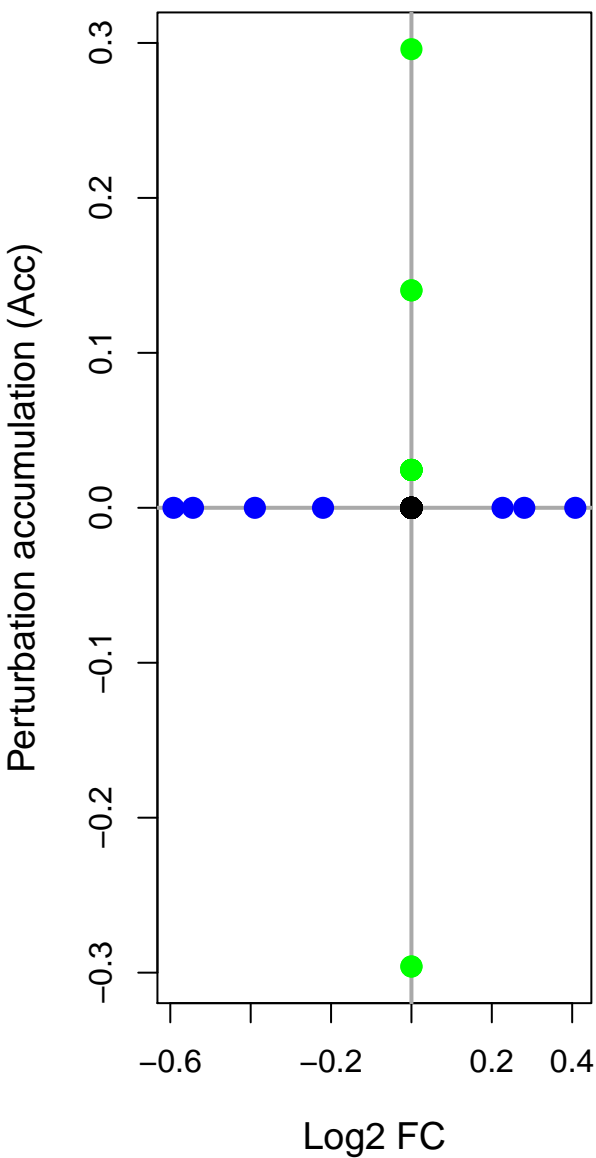
pathway ID=04912



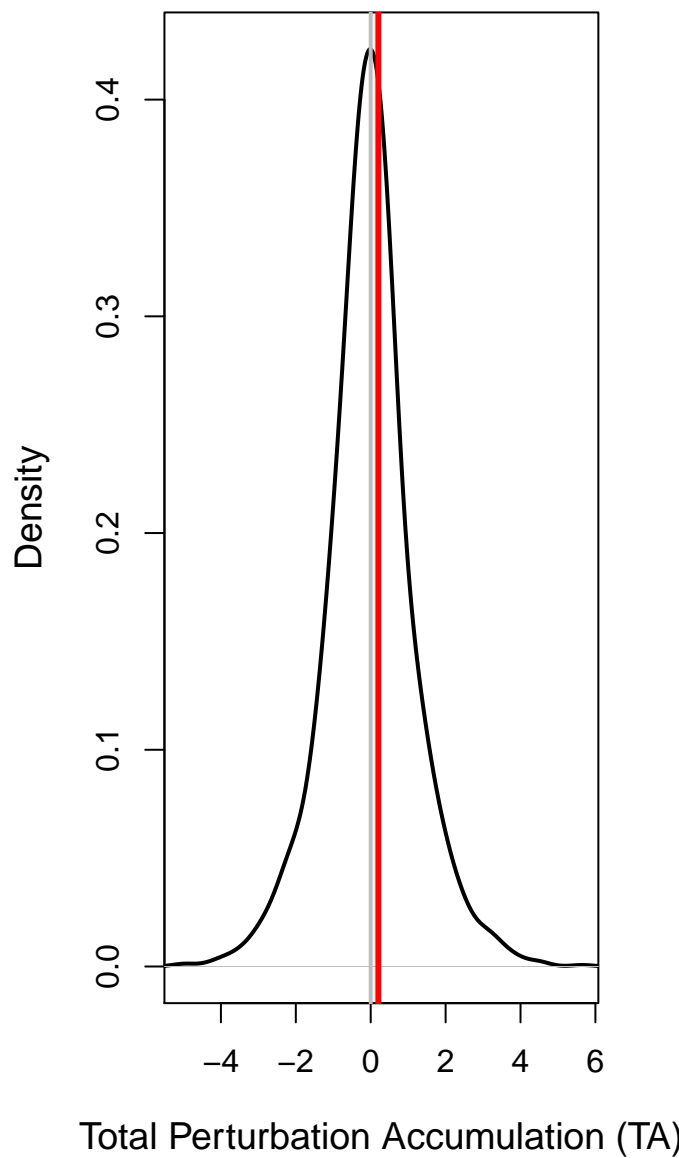
pathway ID=04912 P PERT=0.699



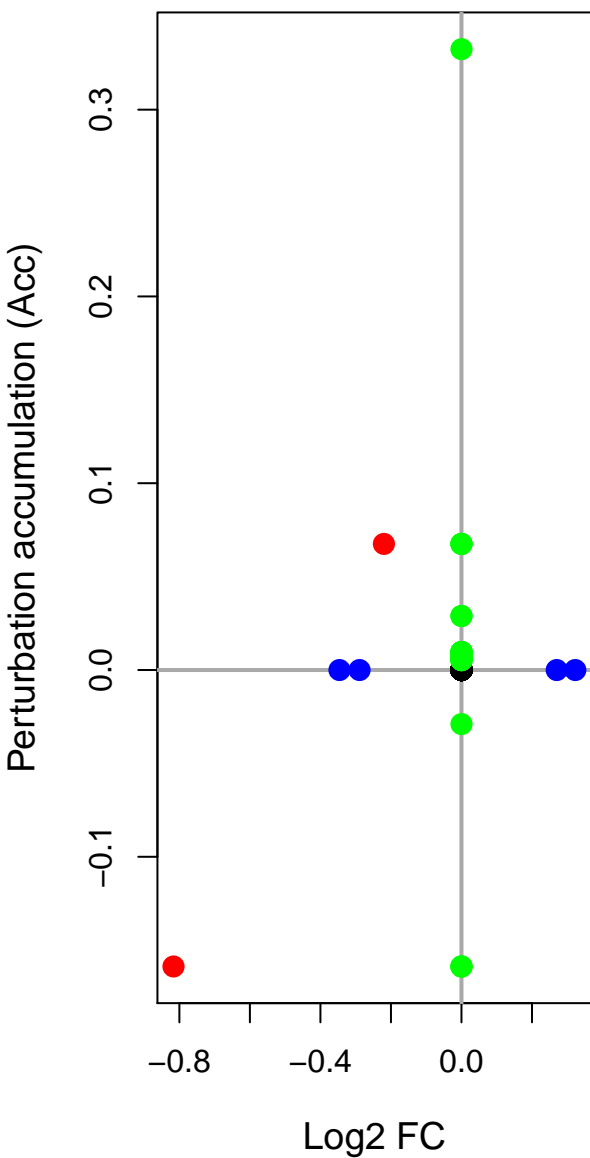
pathway ID=04914



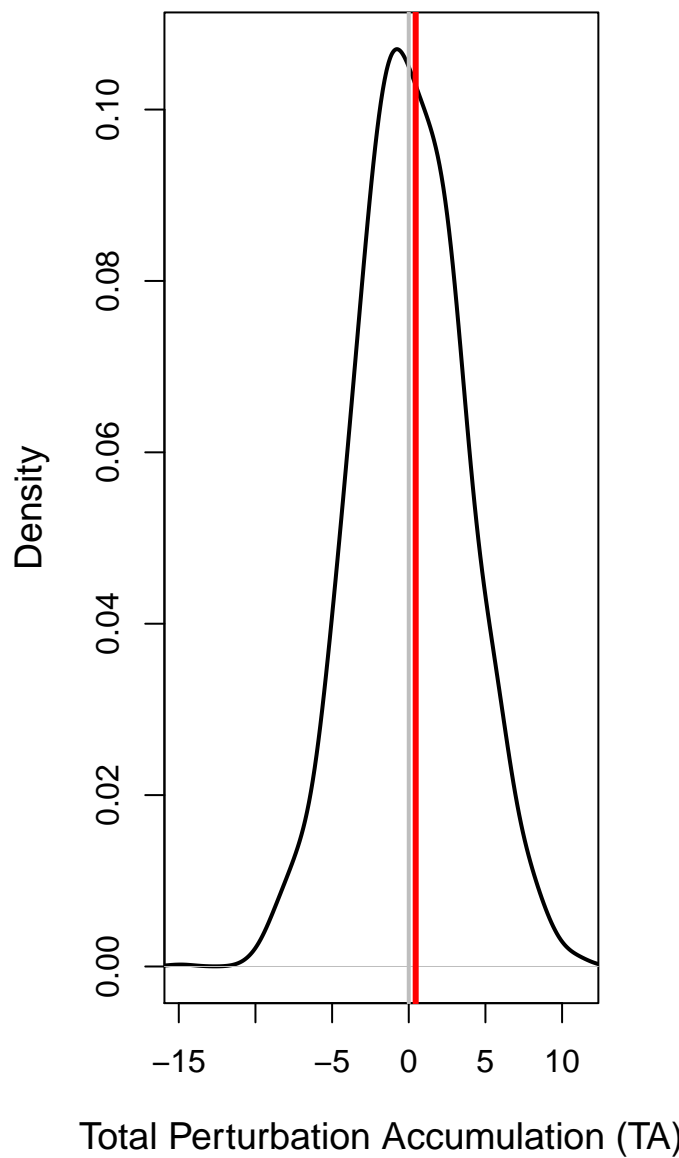
pathway ID=04914 P PERT=0.805



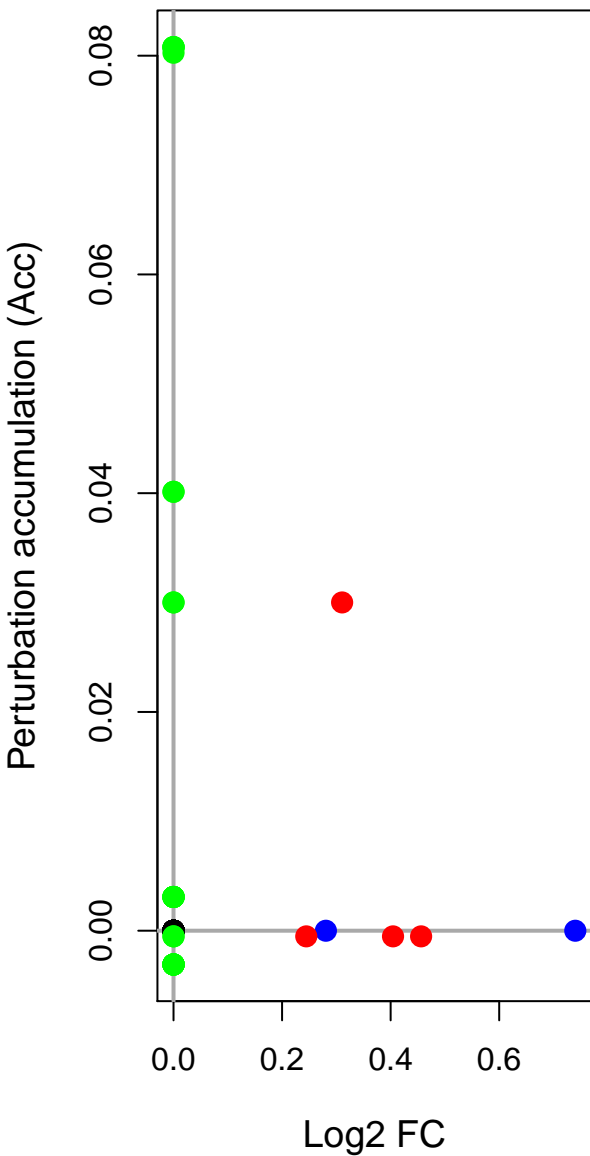
pathway ID=04916



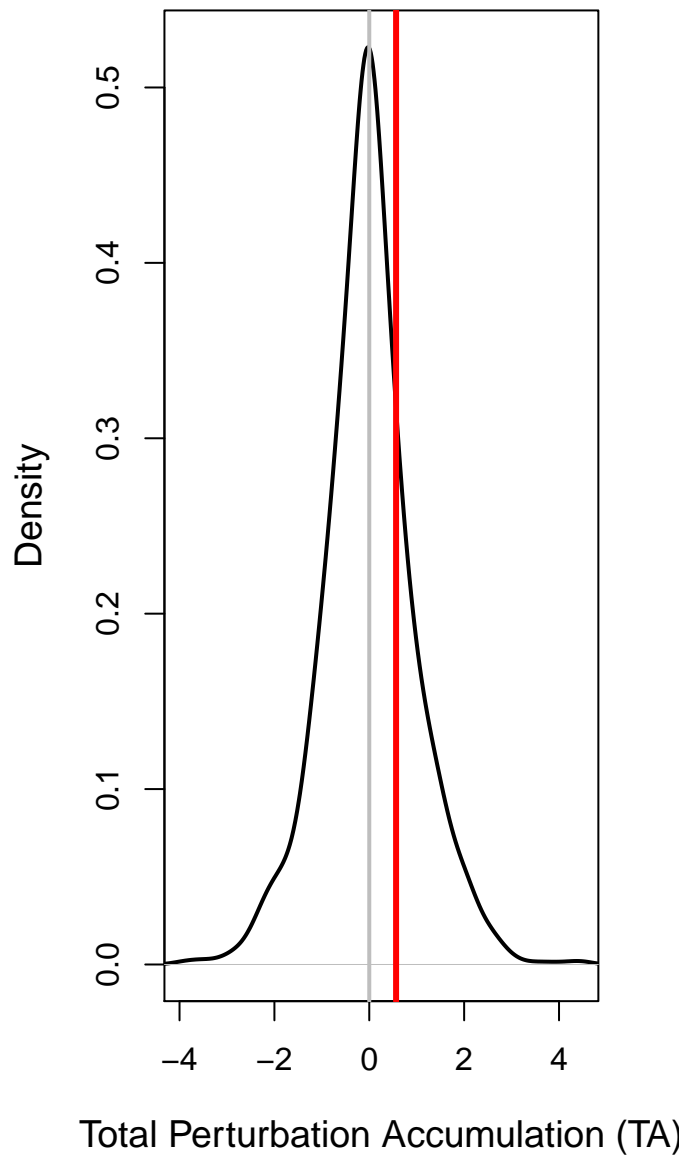
pathway ID=04916 P PERT=0.903



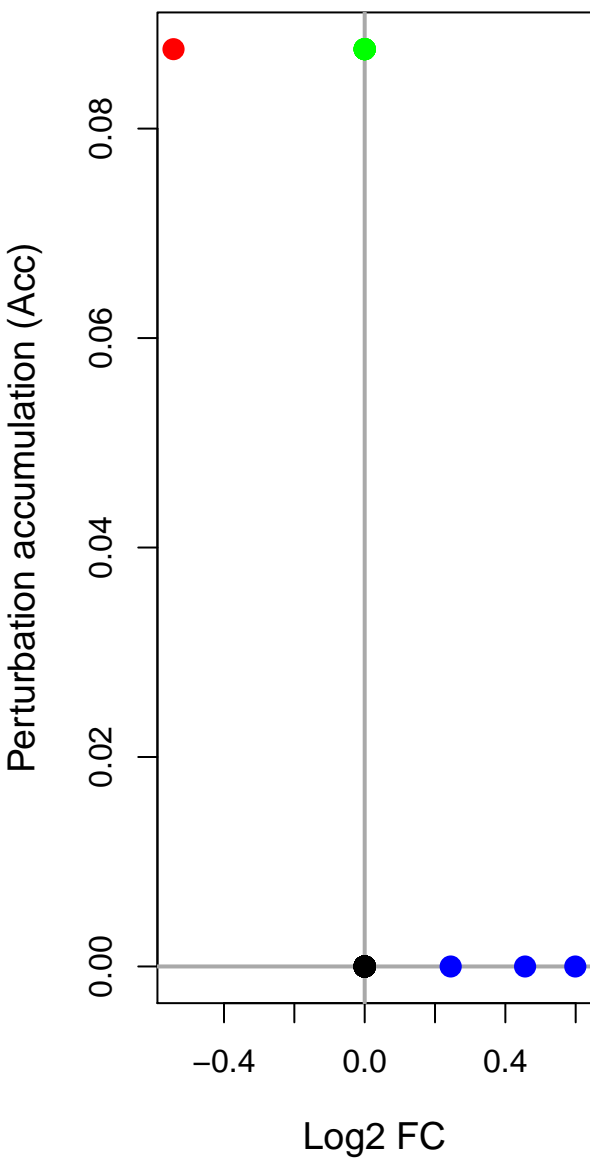
pathway ID=04920



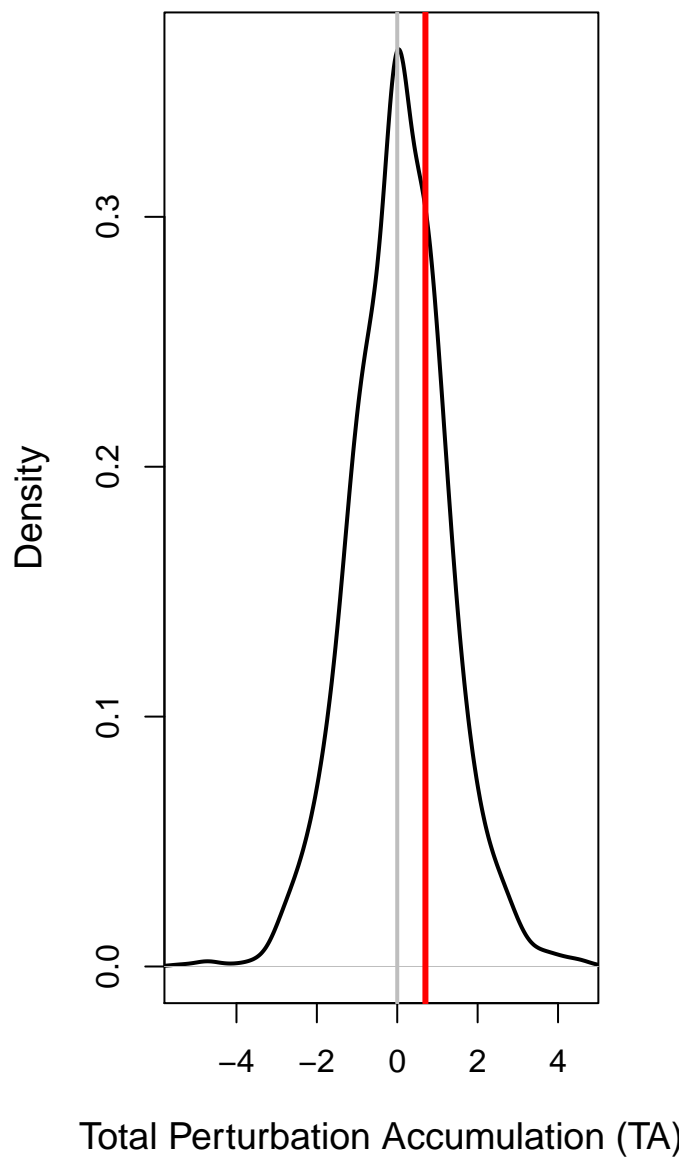
pathway ID=04920 P PERT=0.464



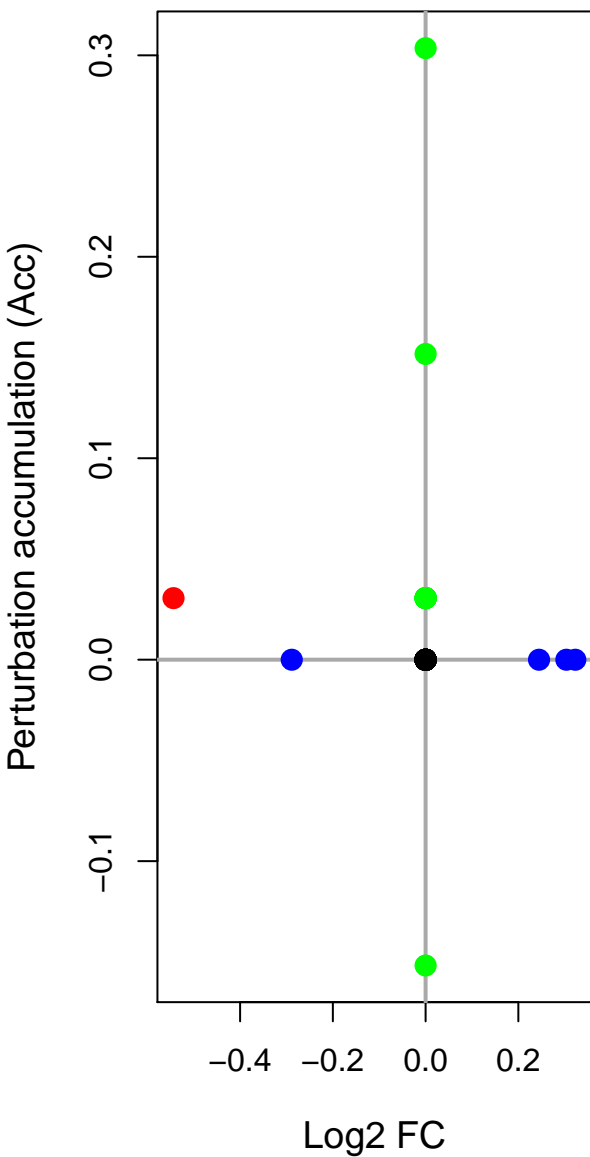
pathway ID=04930



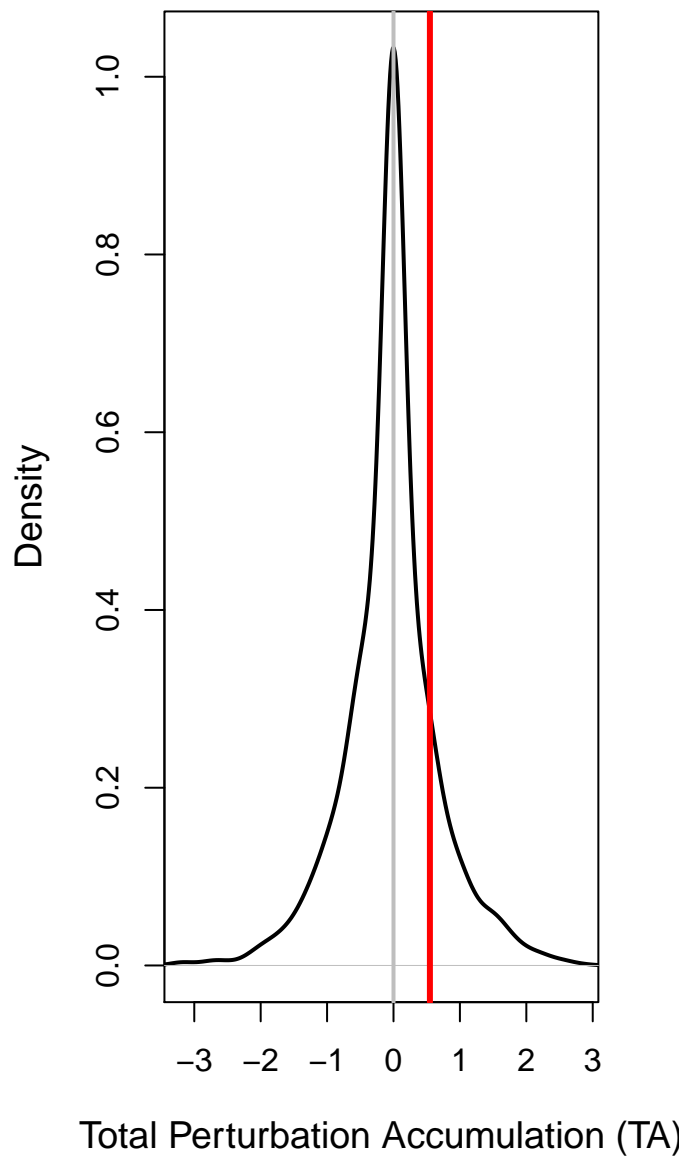
pathway ID=04930 P PERT=0.557



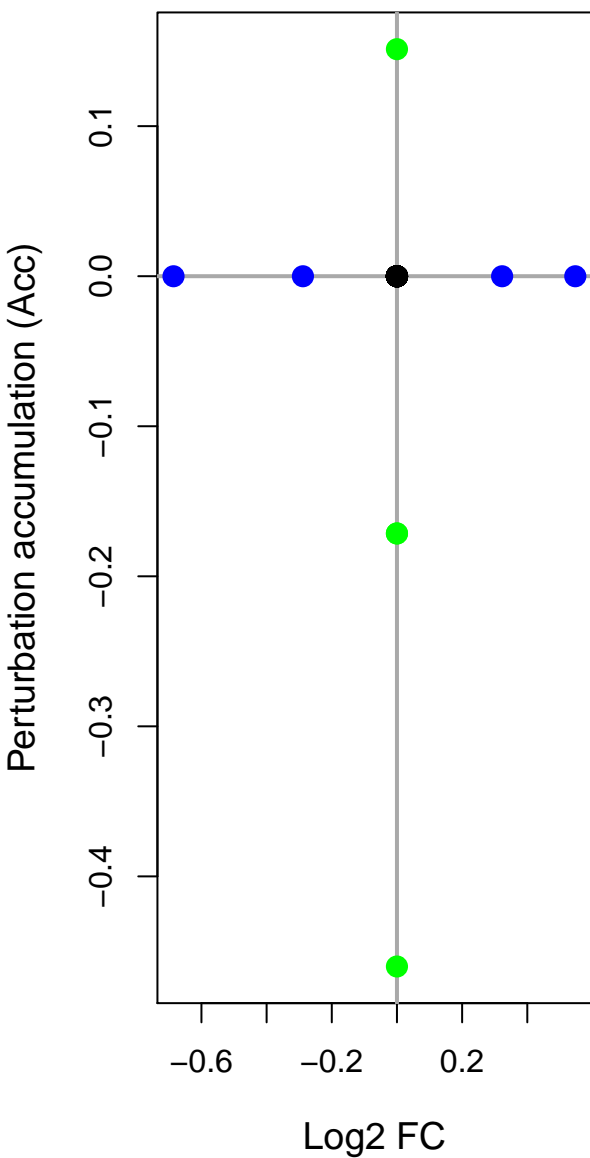
pathway ID=04960



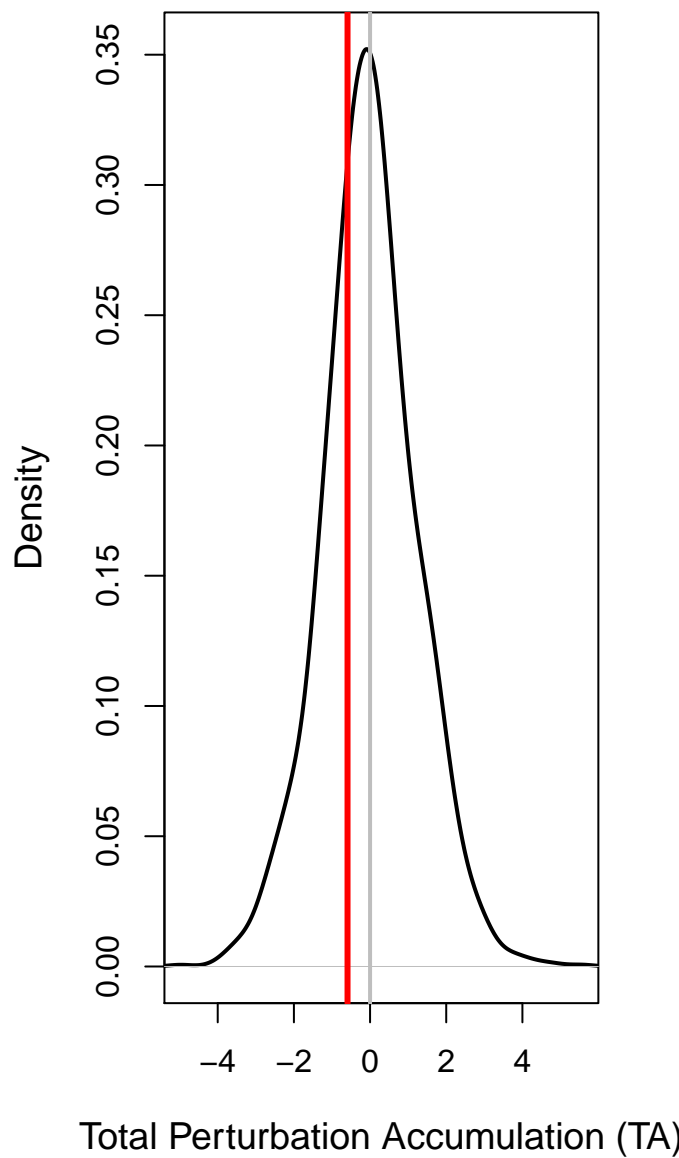
pathway ID=04960 P PERT=0.301



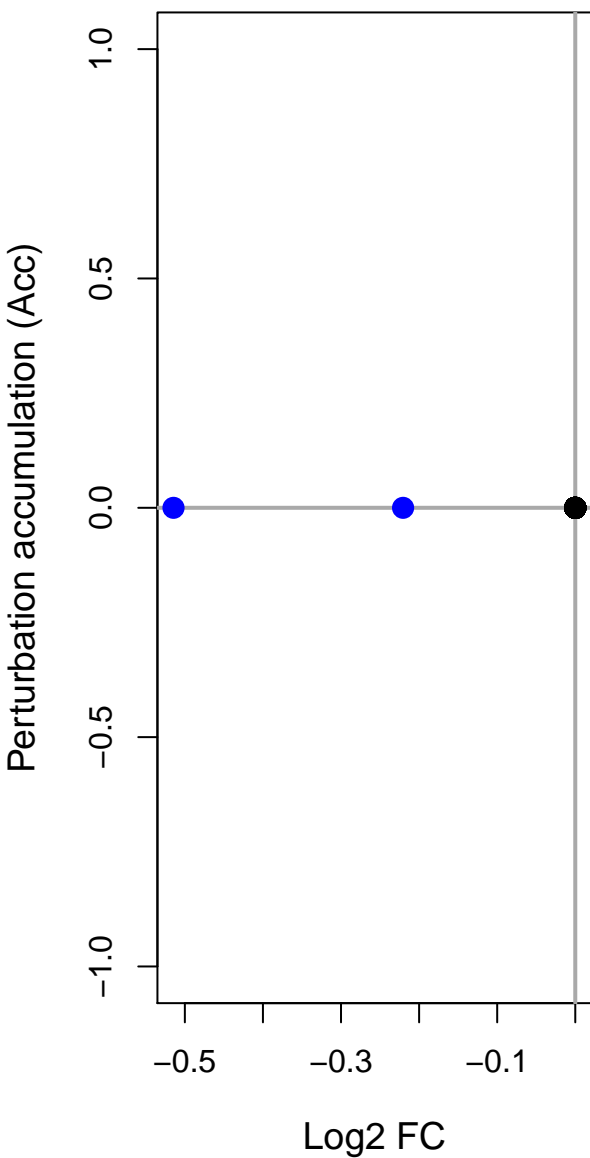
pathway ID=04961



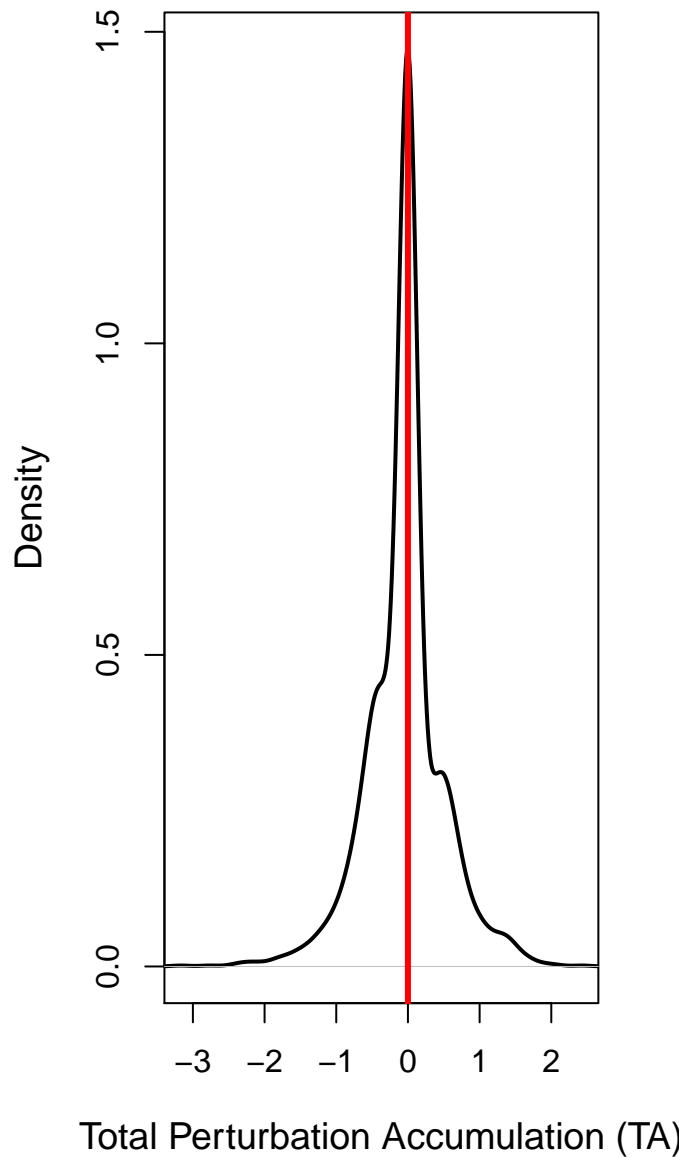
pathway ID=04961 P PERT=0.606



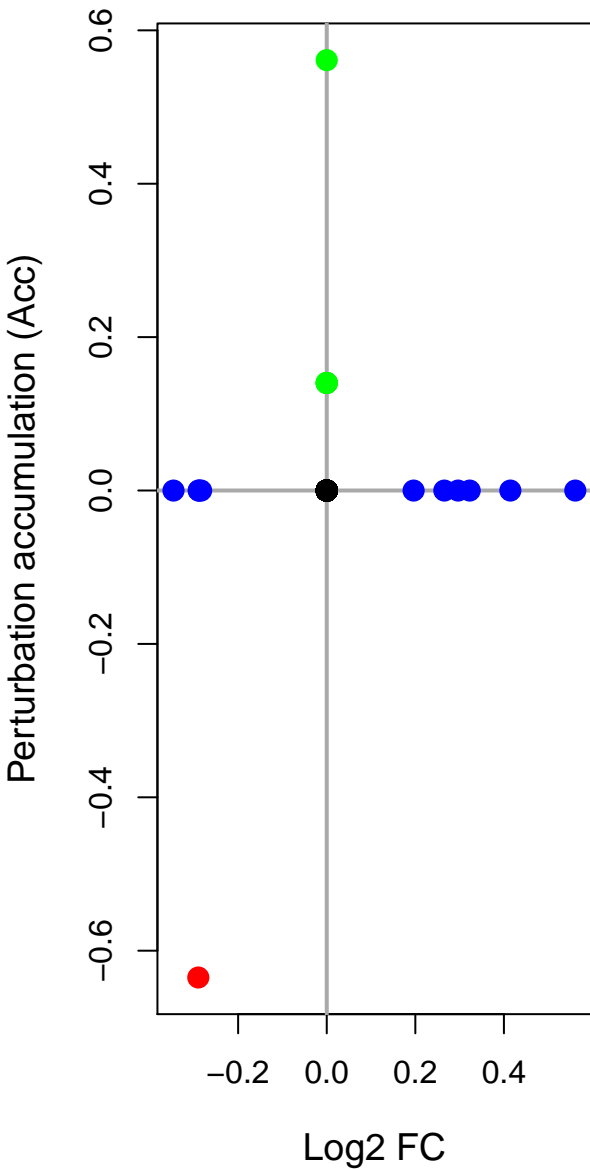
pathway ID=04962



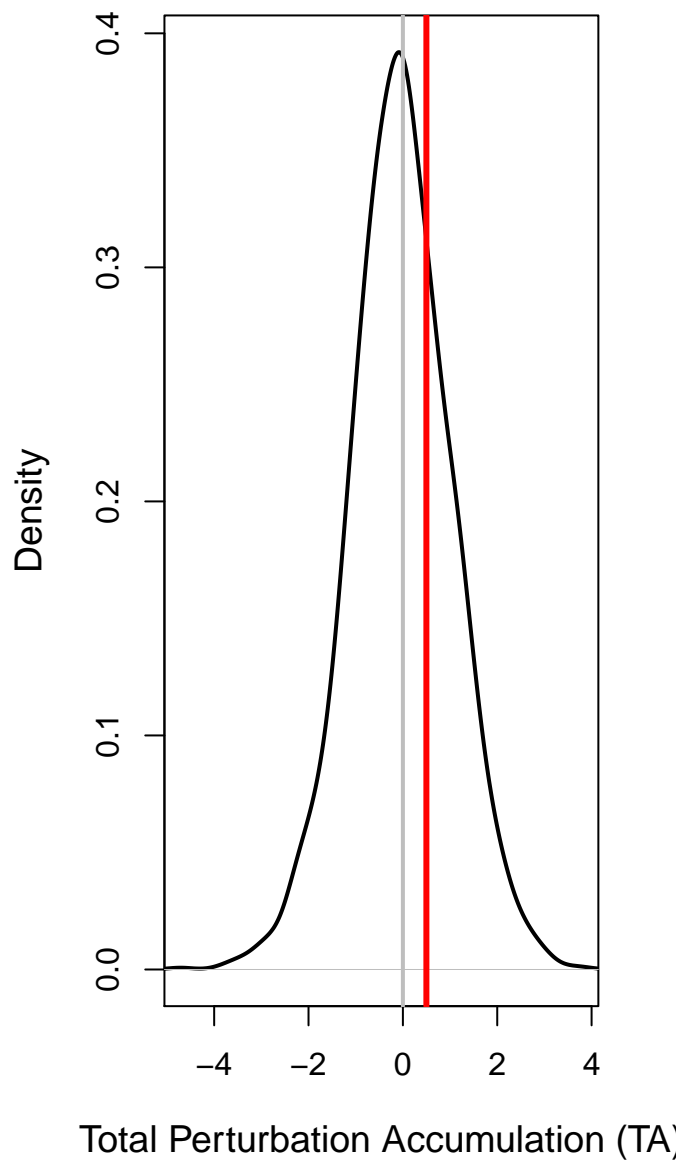
pathway ID=04962 P PERT=1



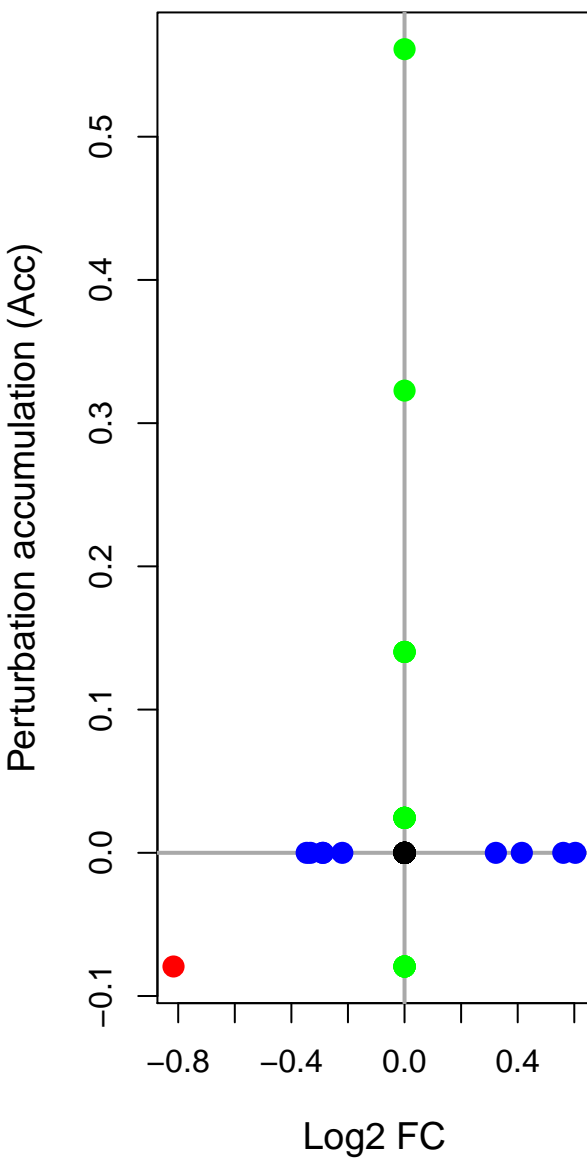
pathway ID=04970



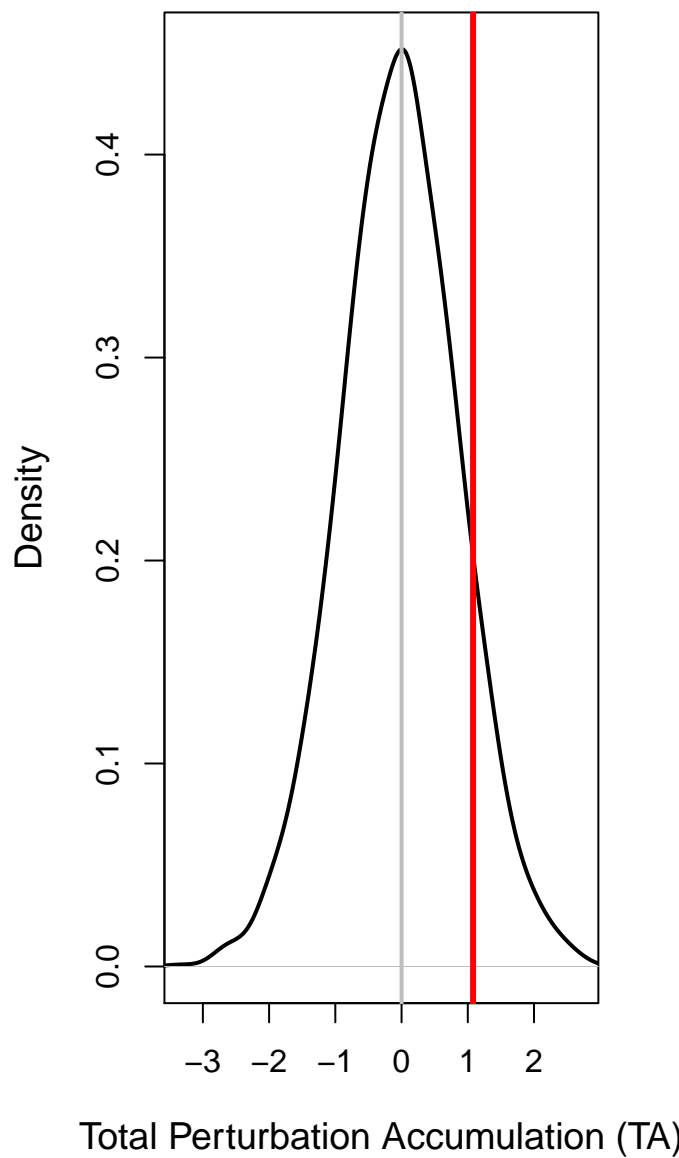
pathway ID=04970 P PERT=0.594



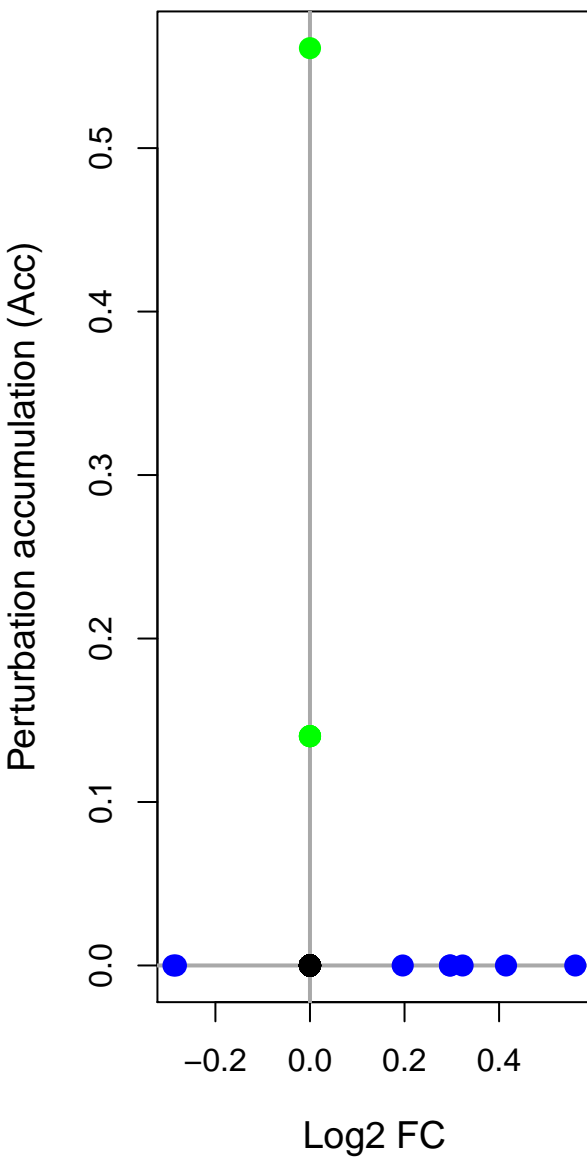
pathway ID=04971



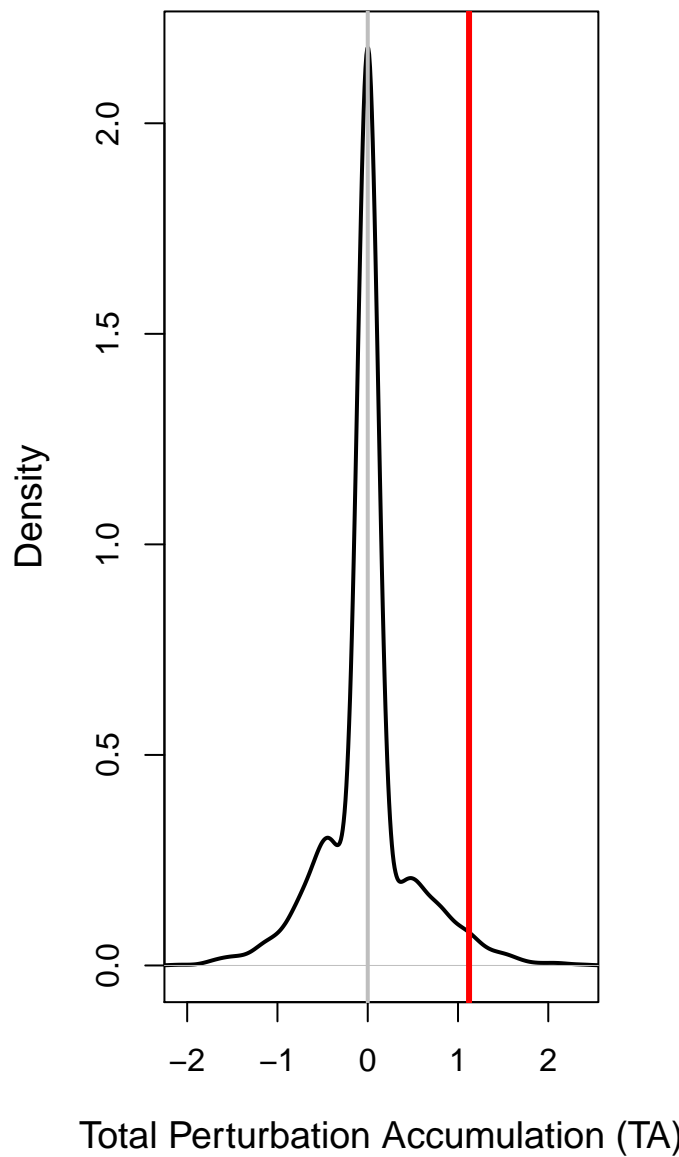
pathway ID=04971 P PERT=0.207



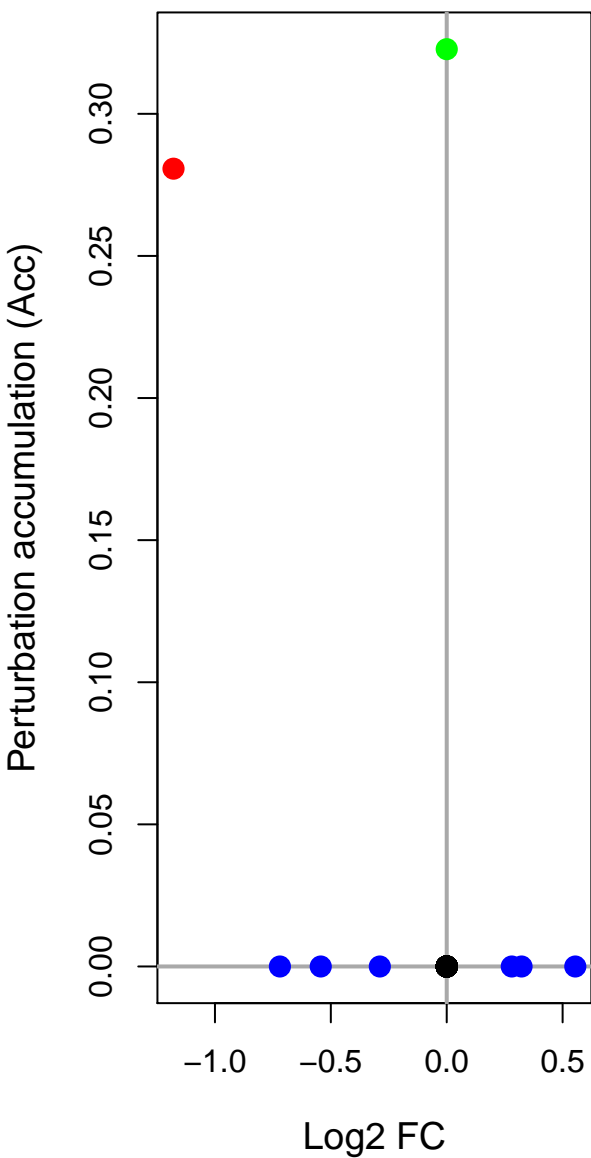
pathway ID=04972



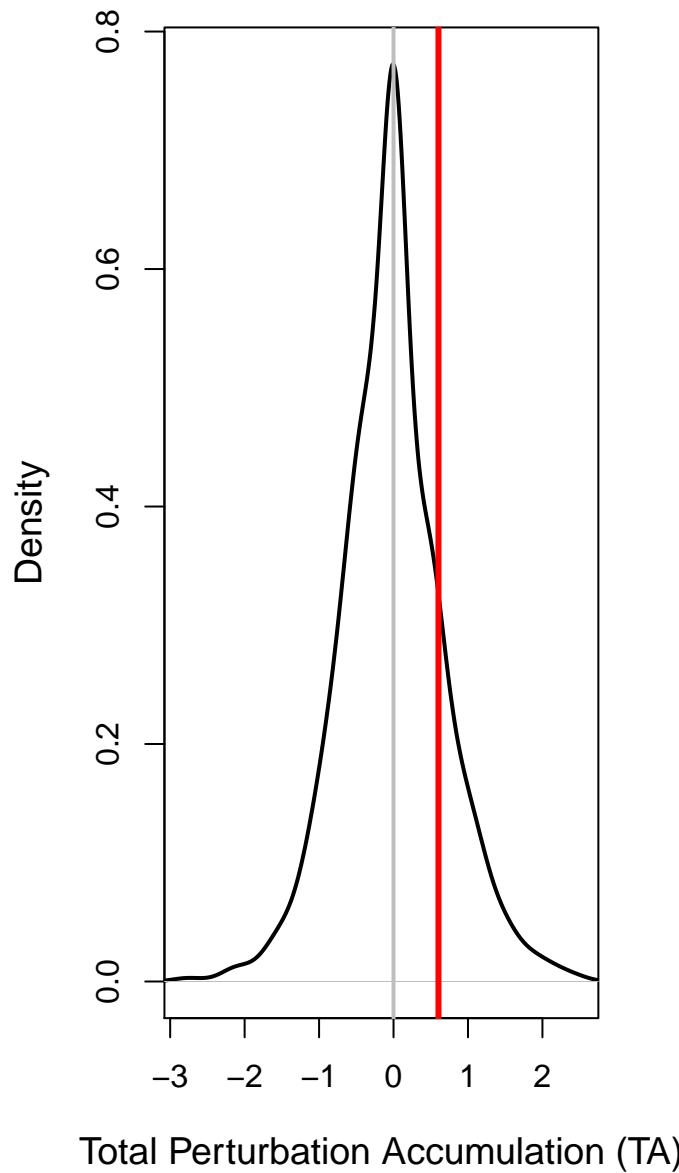
pathway ID=04972 P PERT=0.049



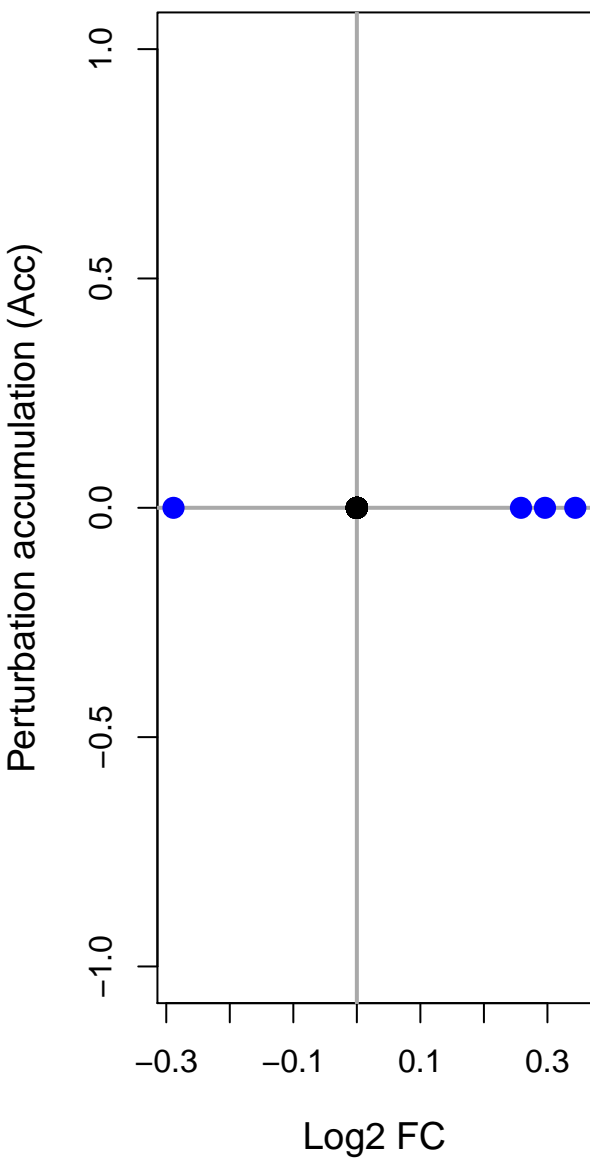
pathway ID=04973



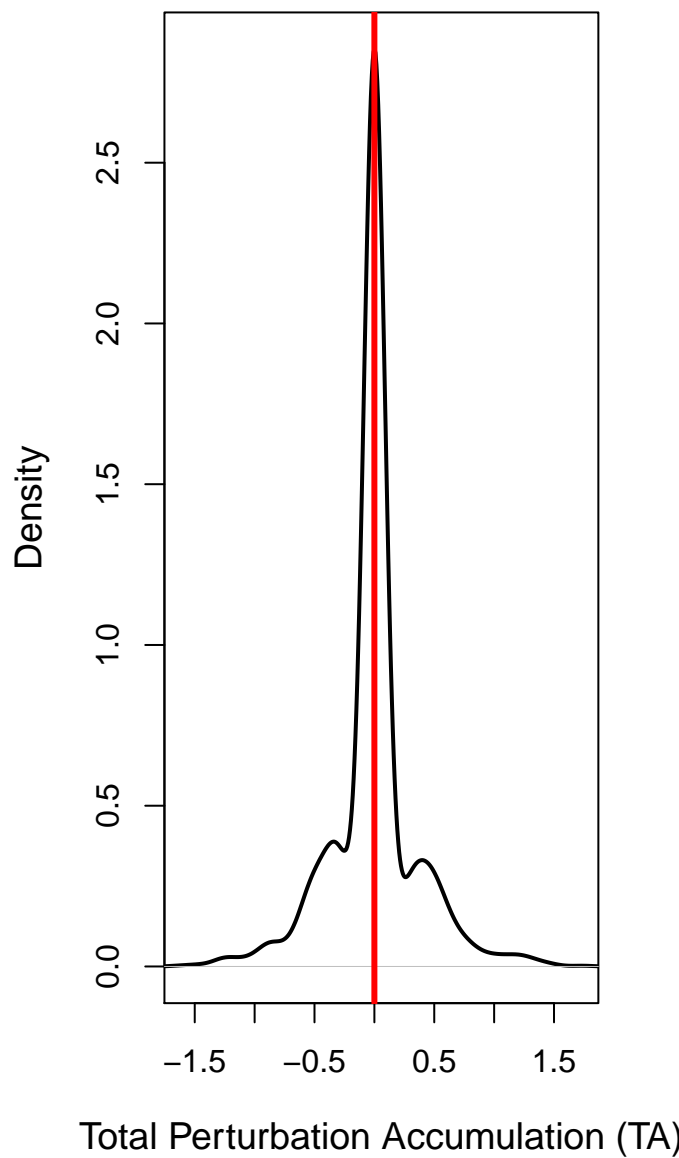
pathway ID=04973 P PERT=0.302



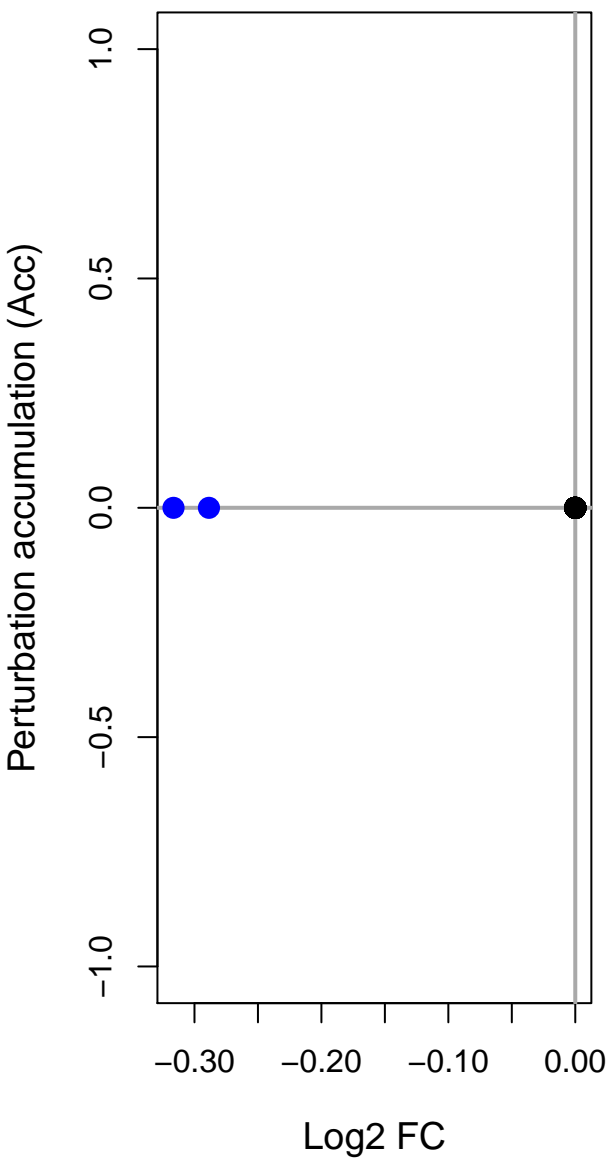
pathway ID=04976



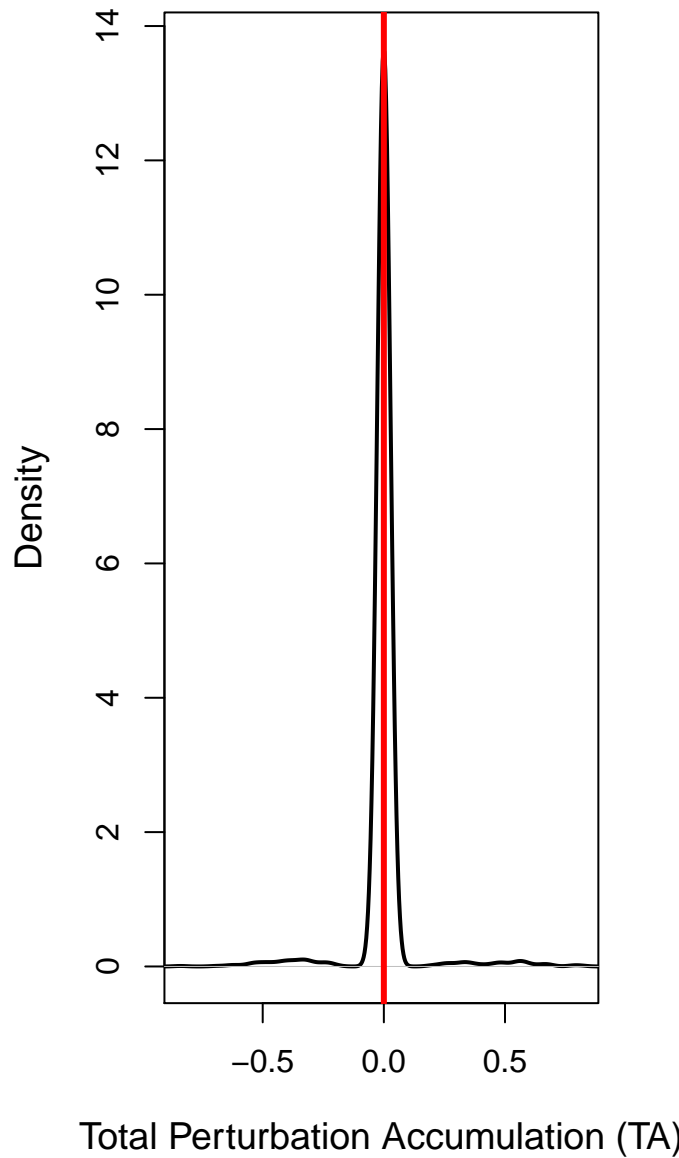
pathway ID=04976 P PERT=1



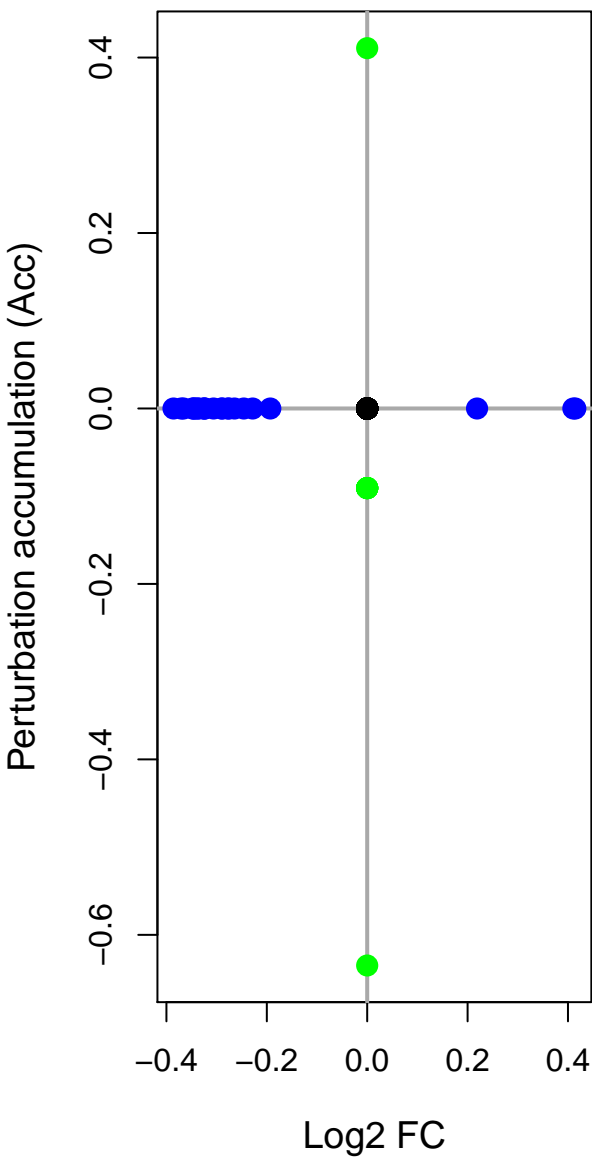
pathway ID=04978



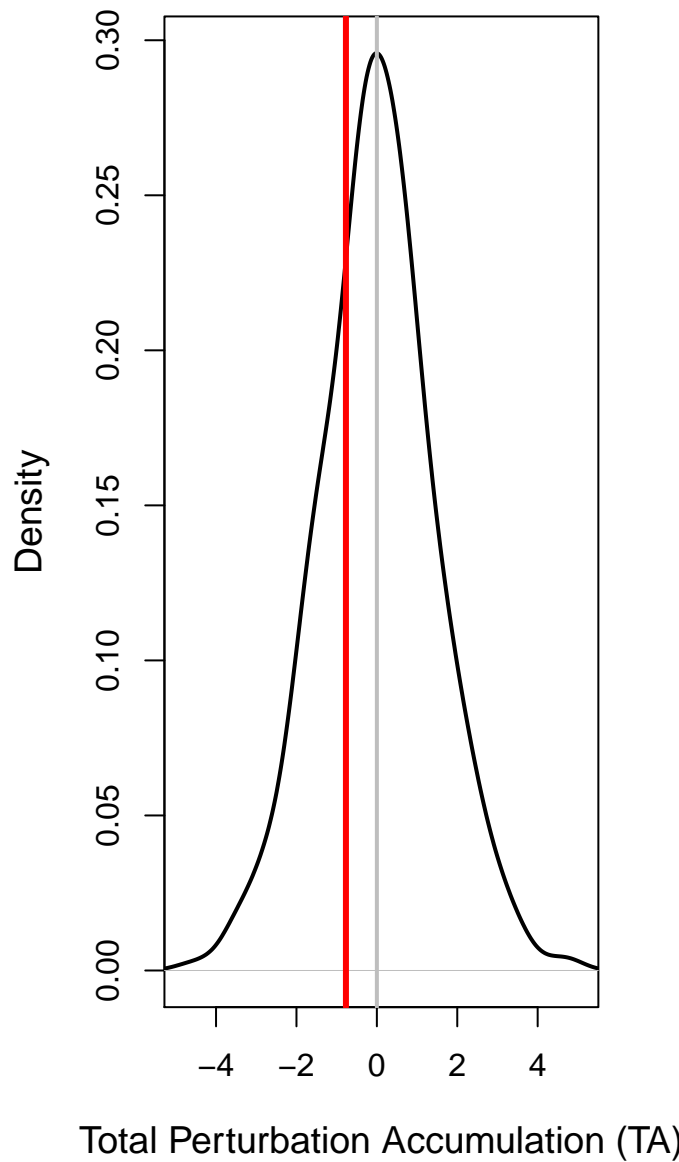
pathway ID=04978 P PERT=1



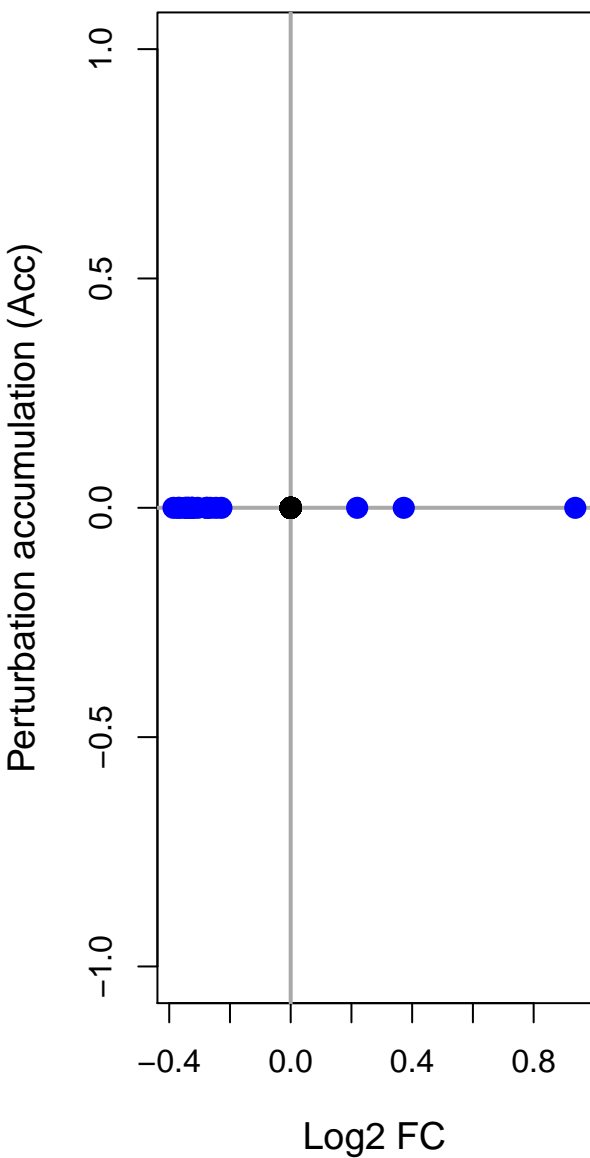
pathway ID=05010



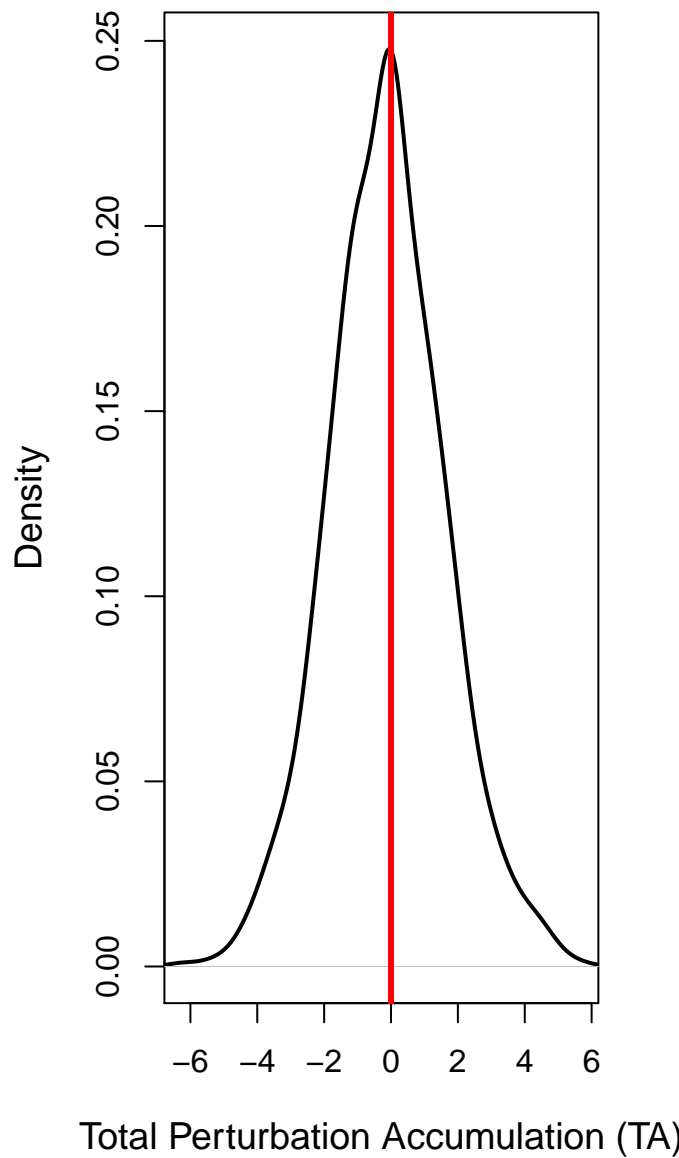
pathway ID=05010 P PERT=0.548



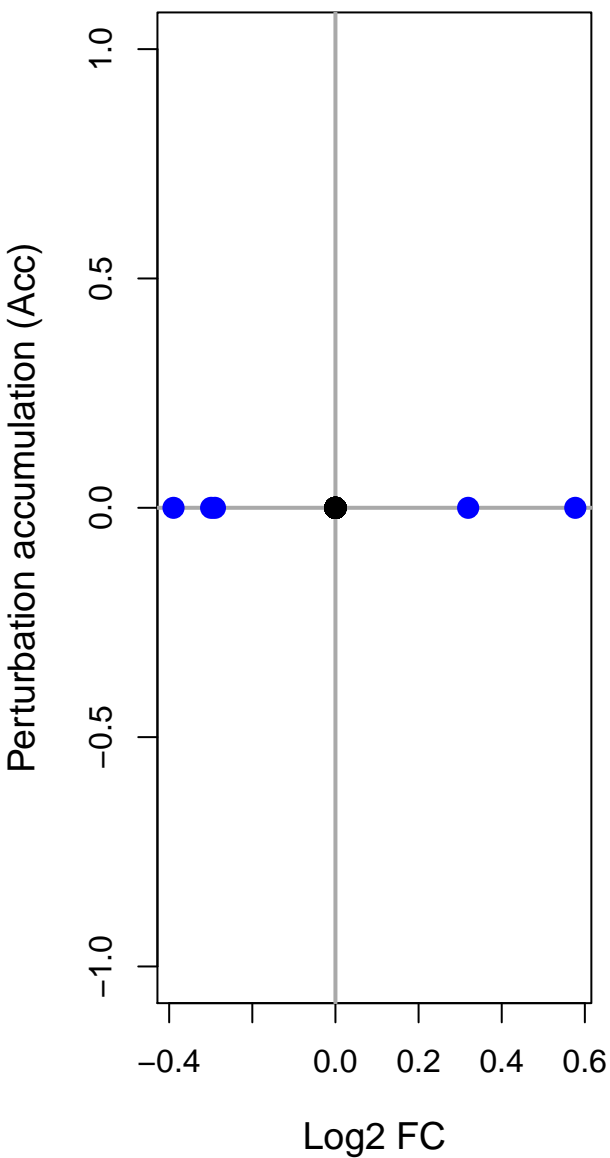
pathway ID=05012



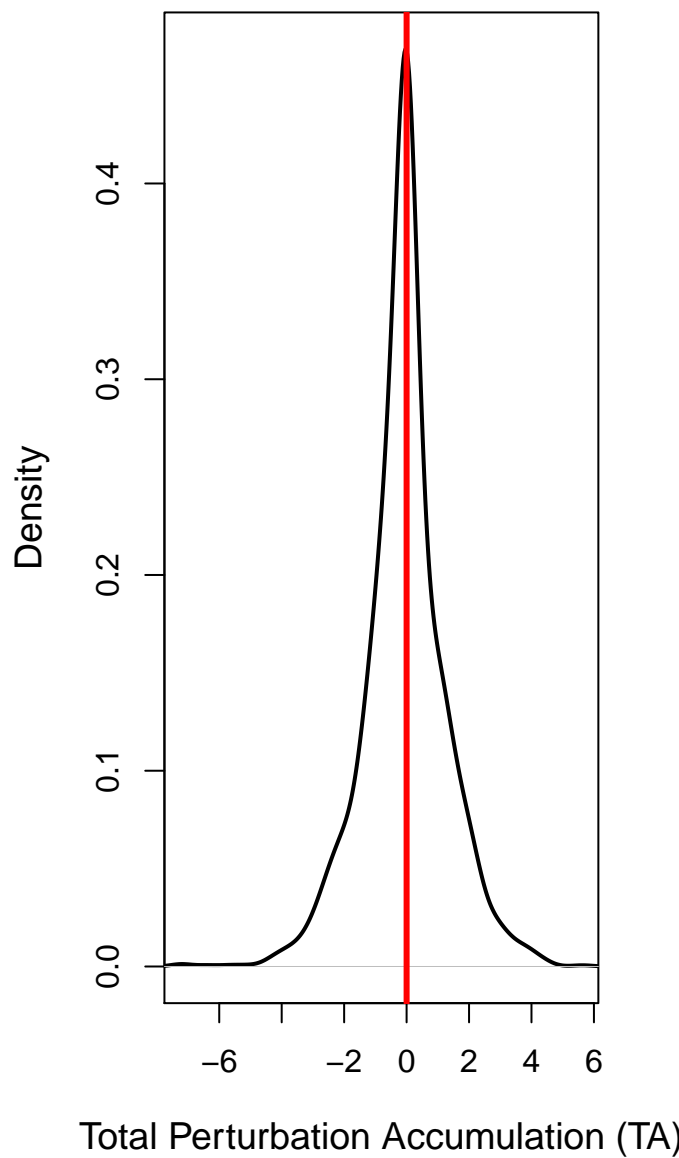
pathway ID=05012 P PERT=1



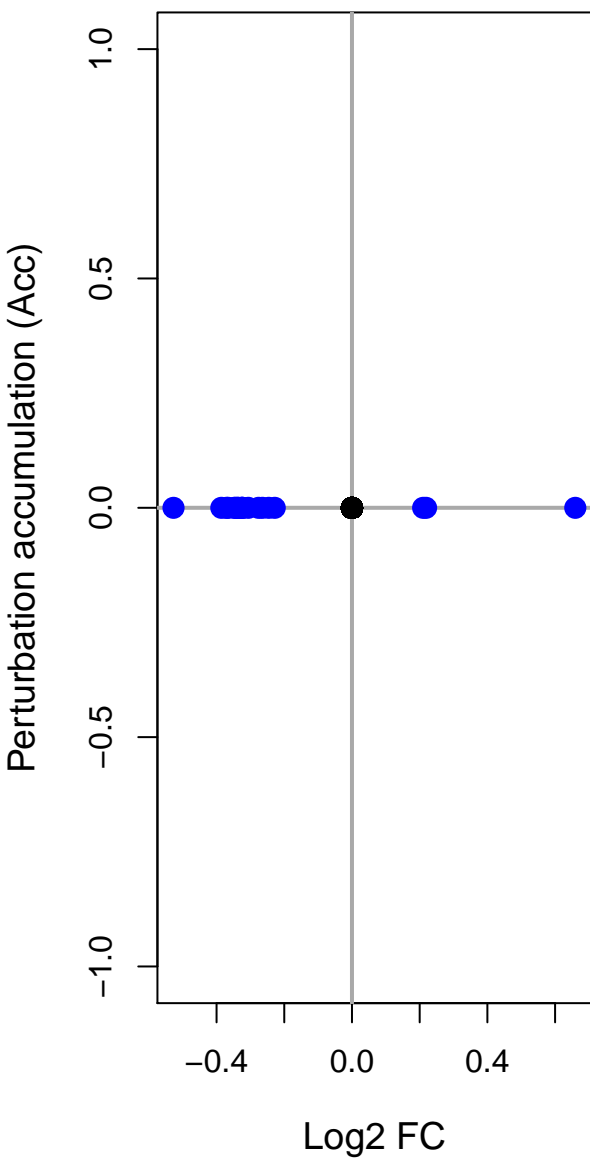
pathway ID=05014



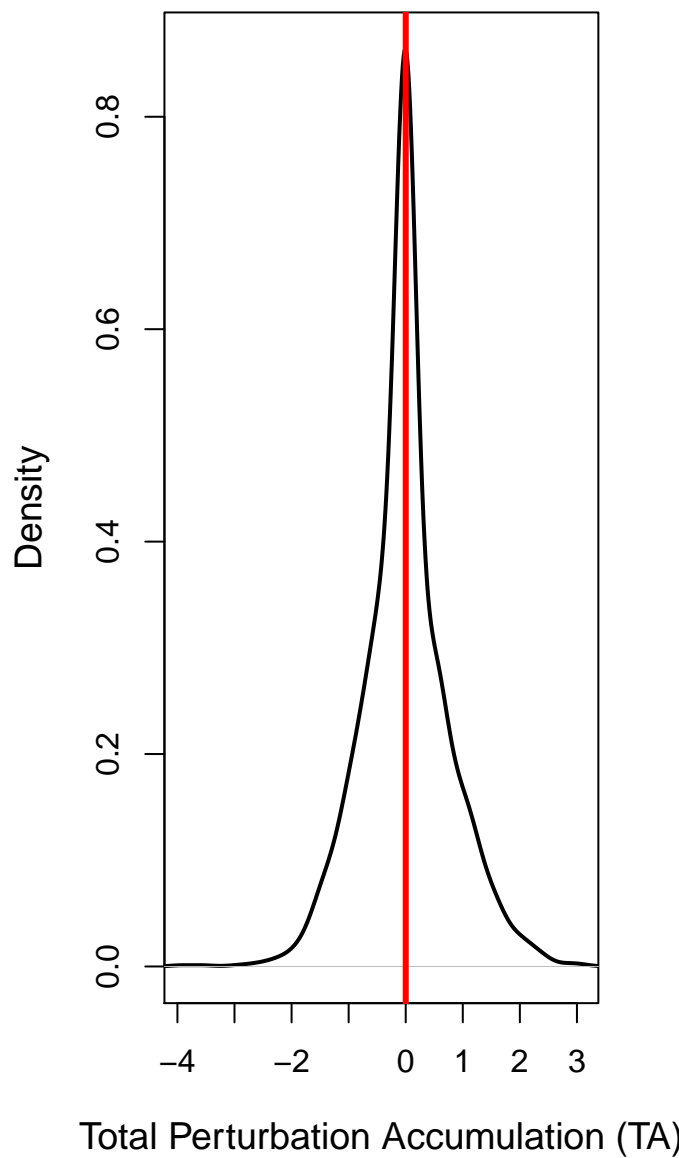
pathway ID=05014 P PERT=1



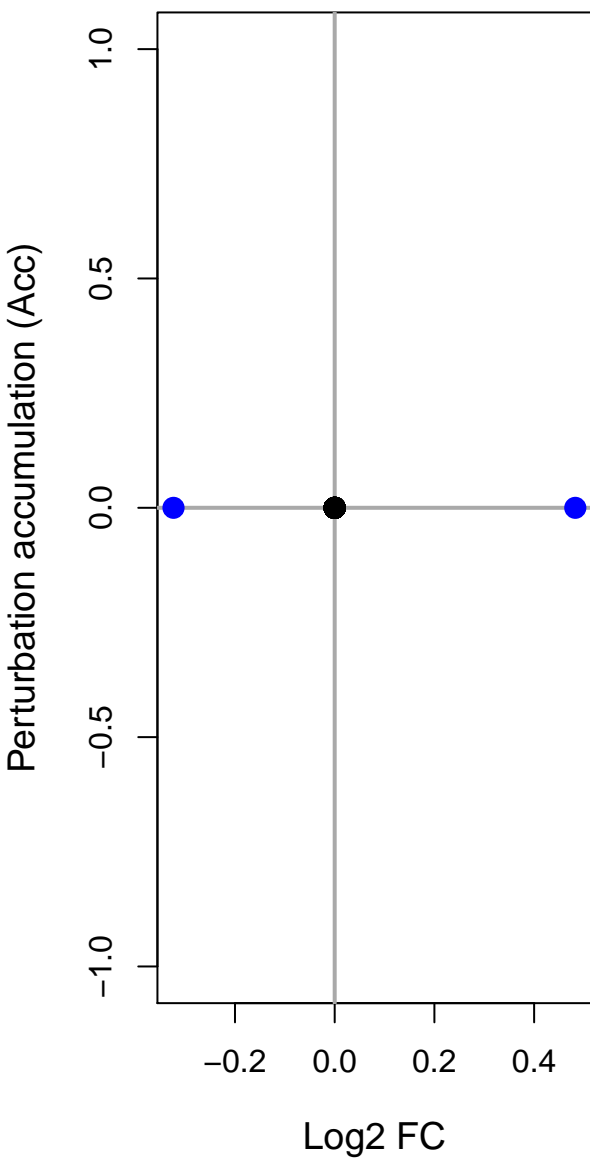
pathway ID=05016



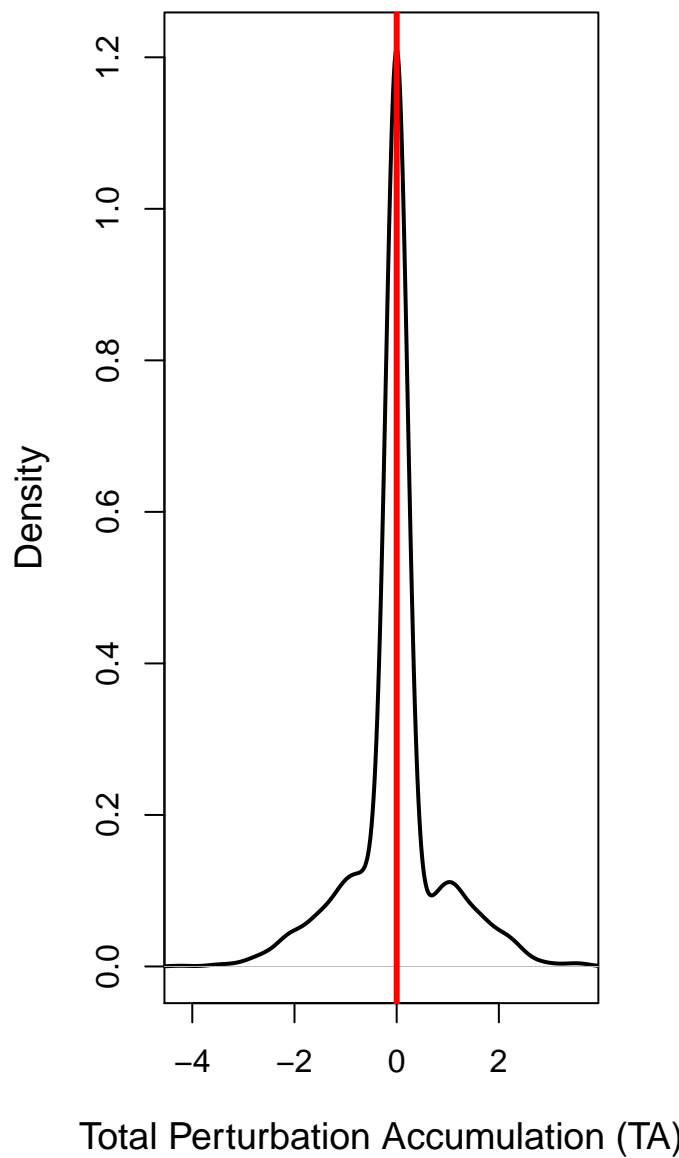
pathway ID=05016 P PERT=1



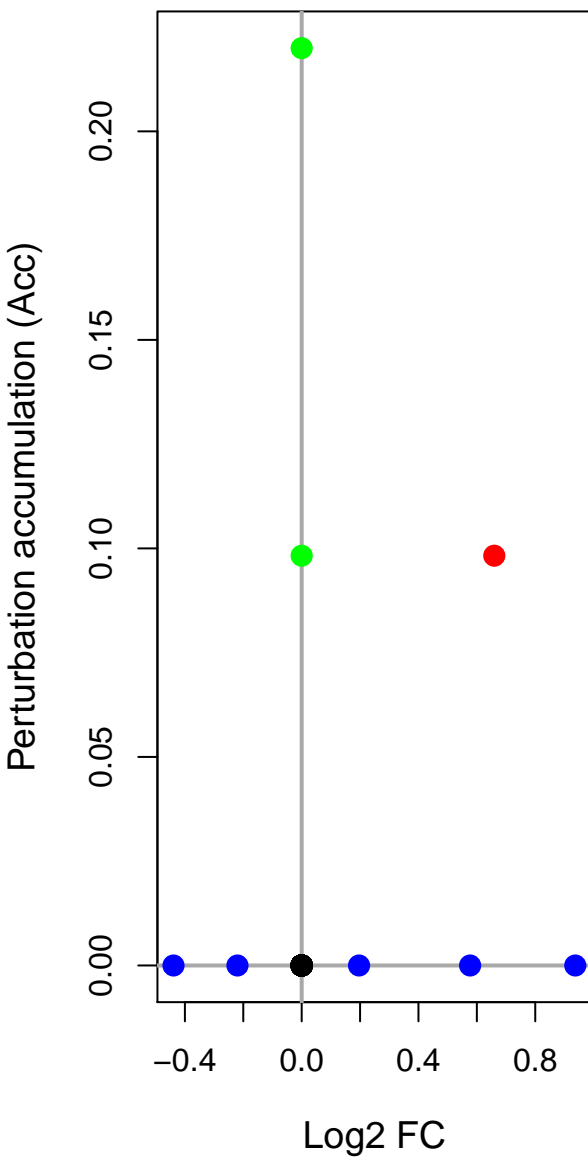
pathway ID=05020



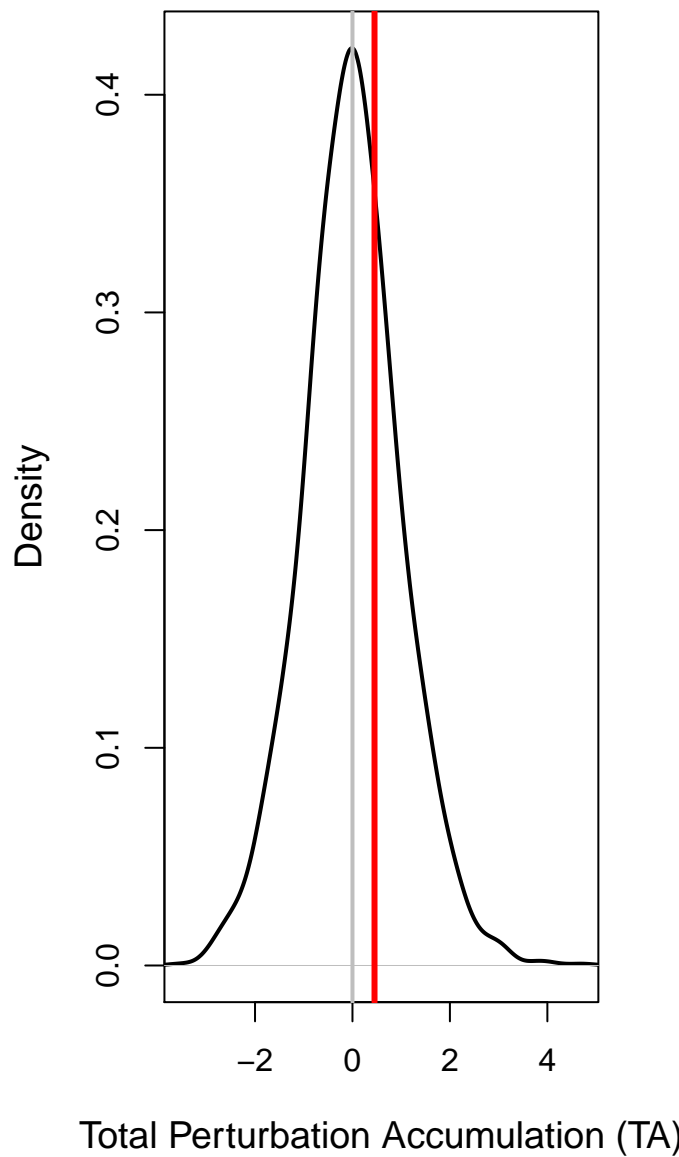
pathway ID=05020 P PERT=1



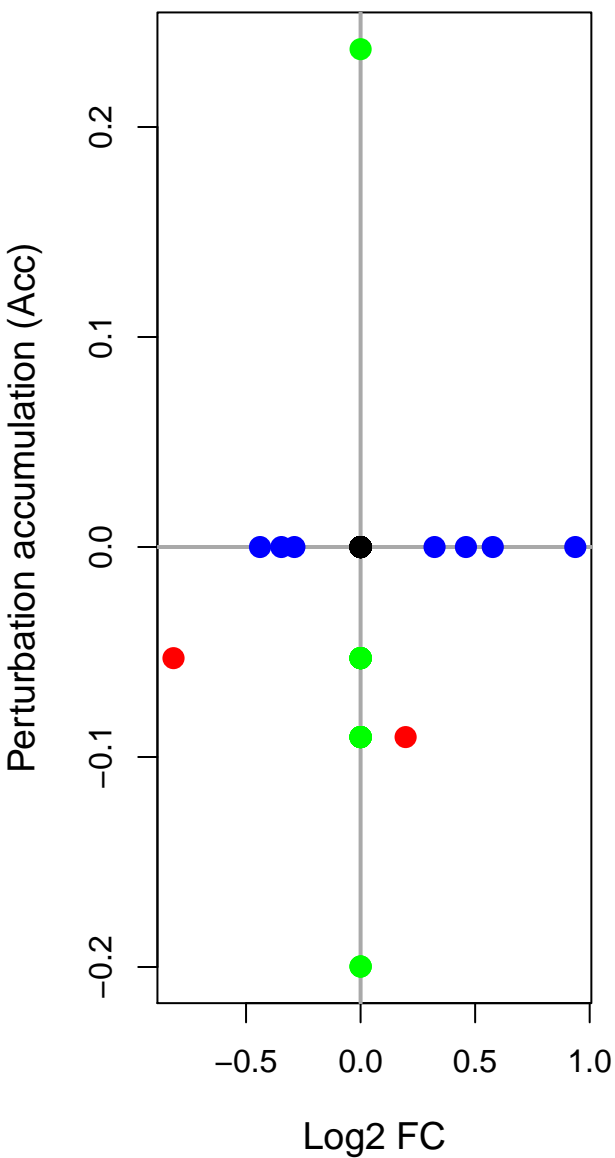
pathway ID=05030



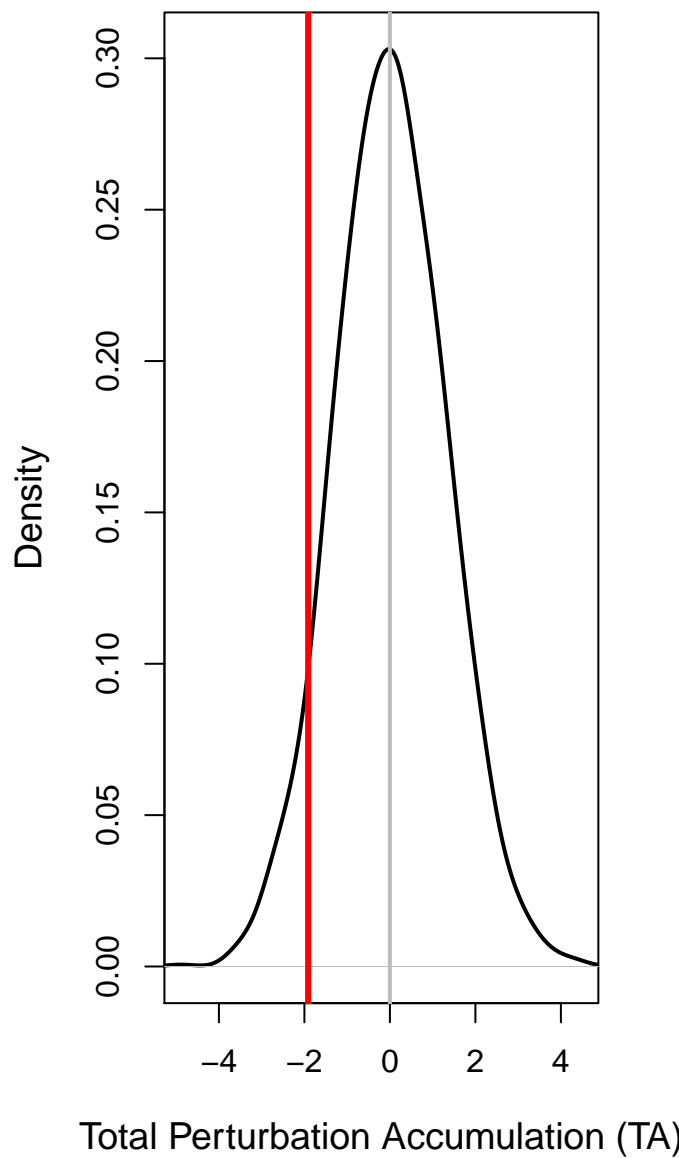
pathway ID=05030 P PERT=0.623



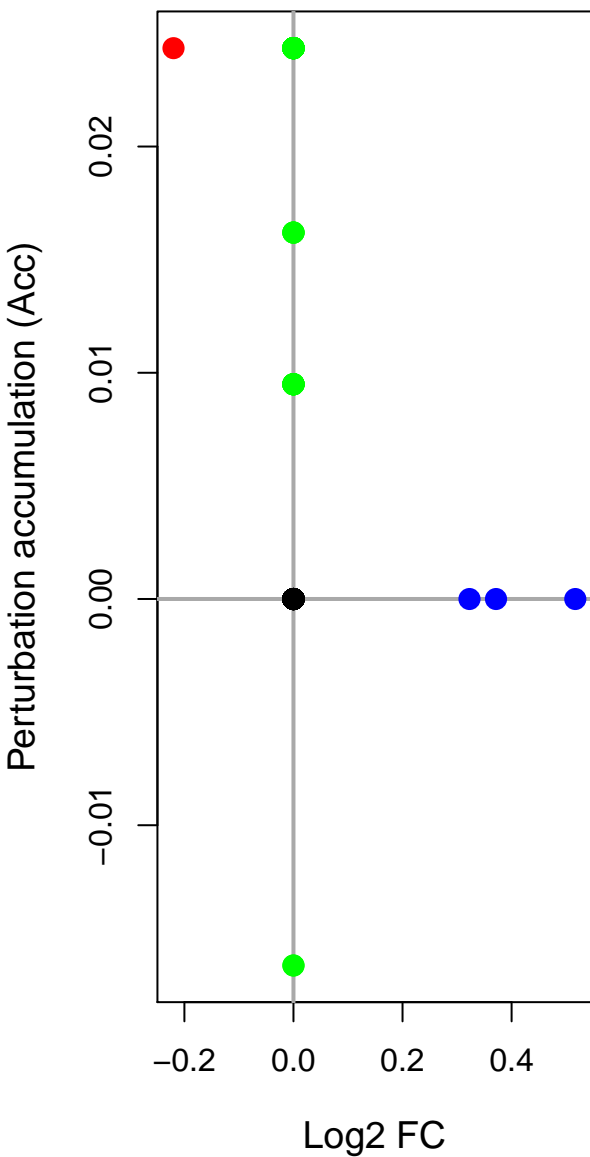
pathway ID=05031



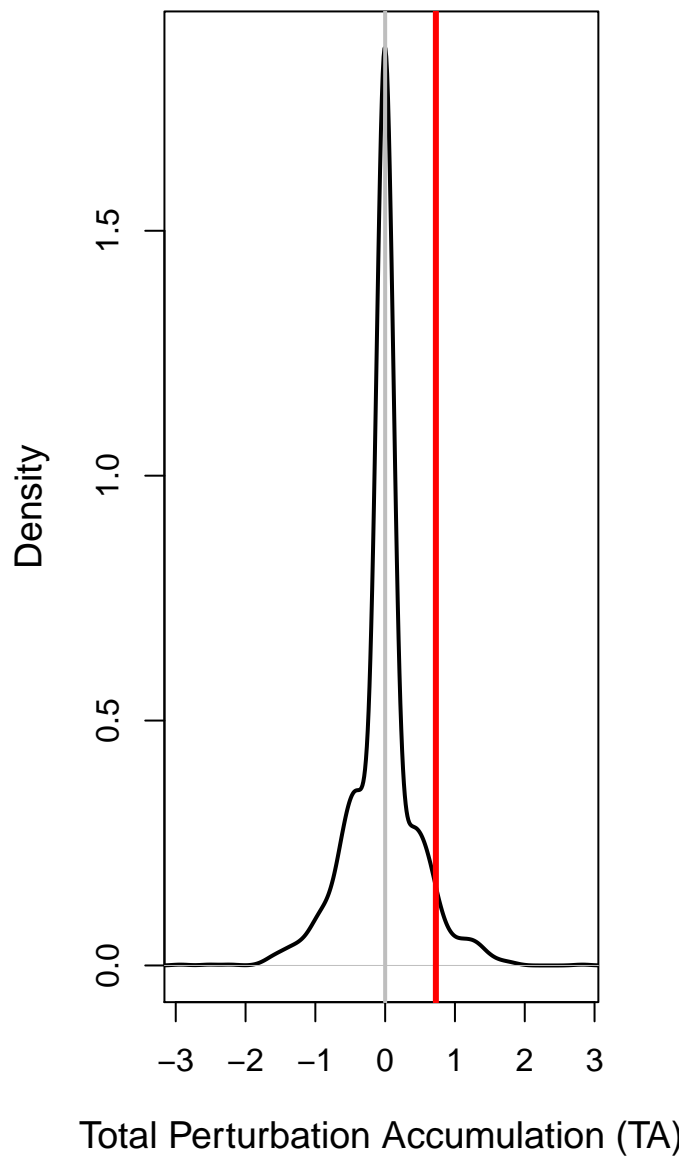
pathway ID=05031 P PERT=0.128



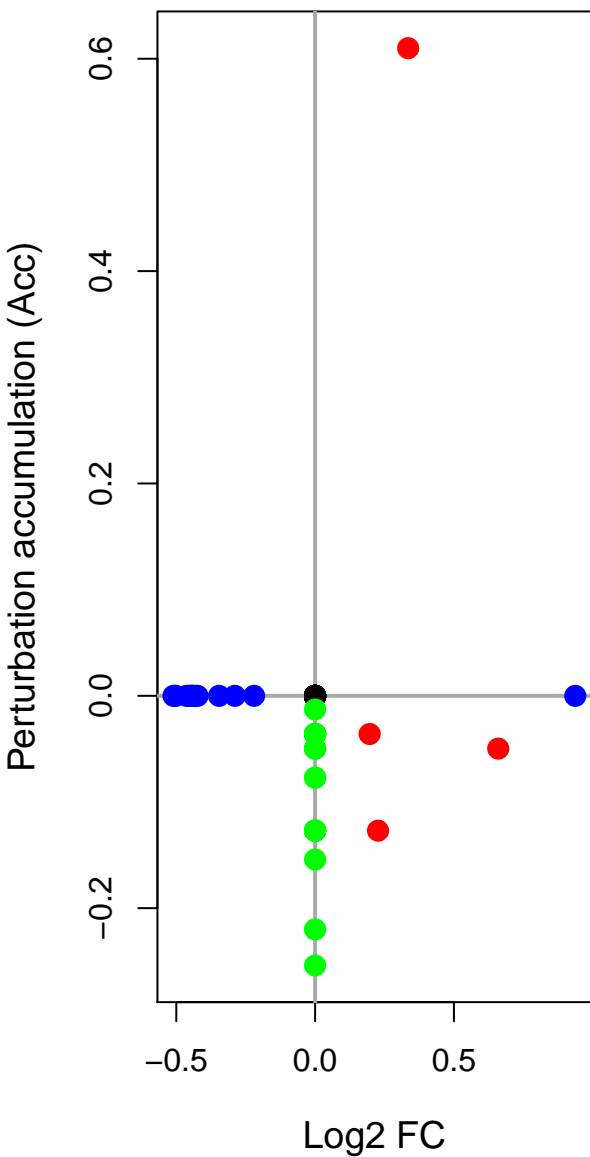
pathway ID=05032



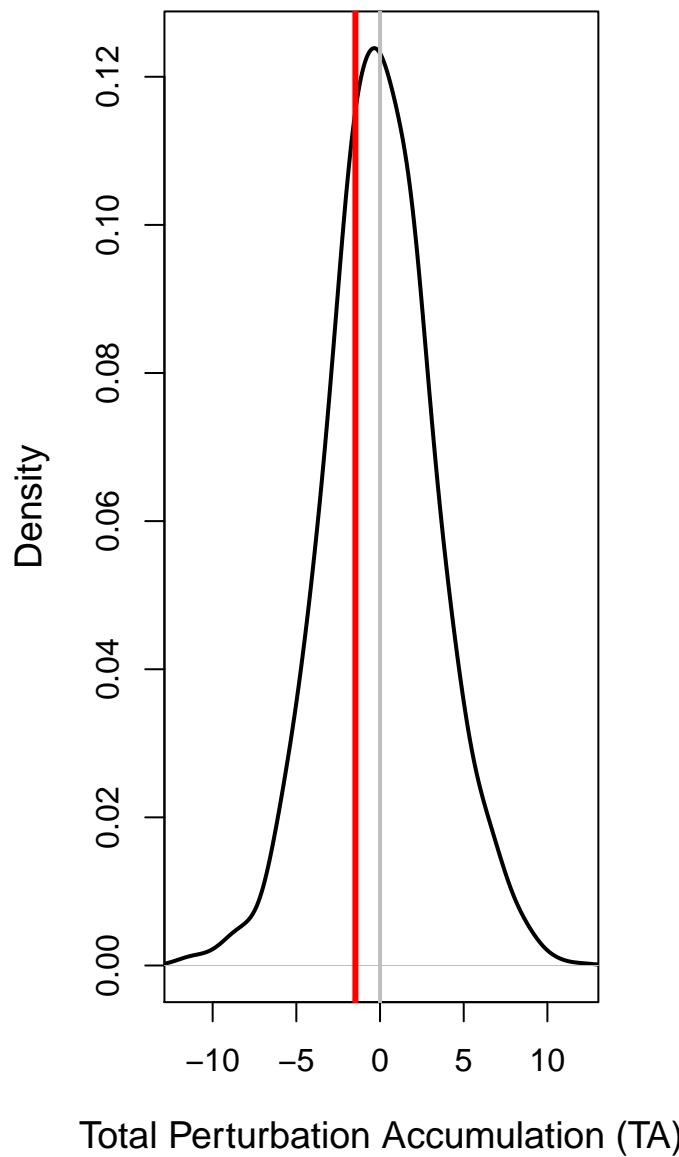
pathway ID=05032 P PERT=0.1



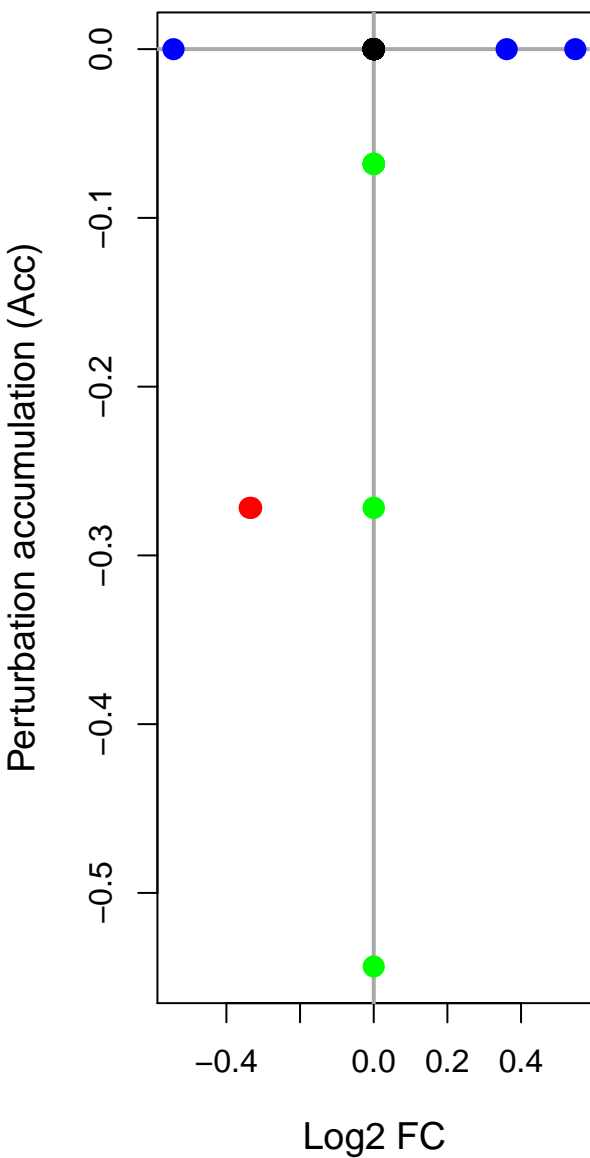
pathway ID=05034



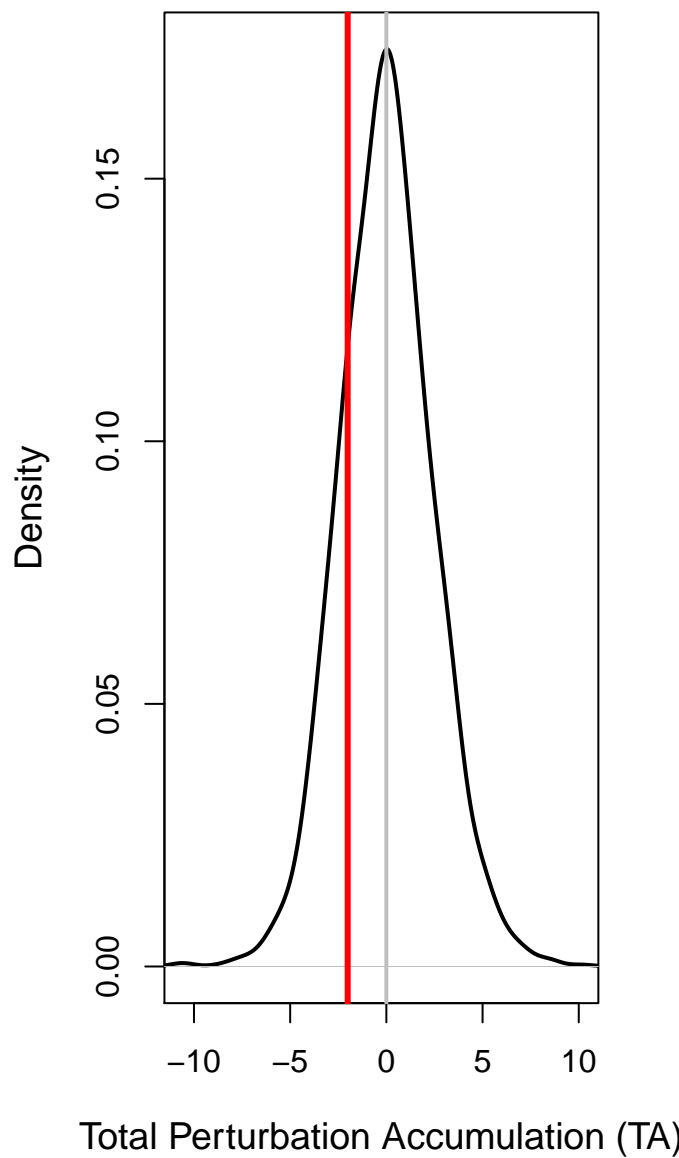
pathway ID=05034 P PERT=0.633



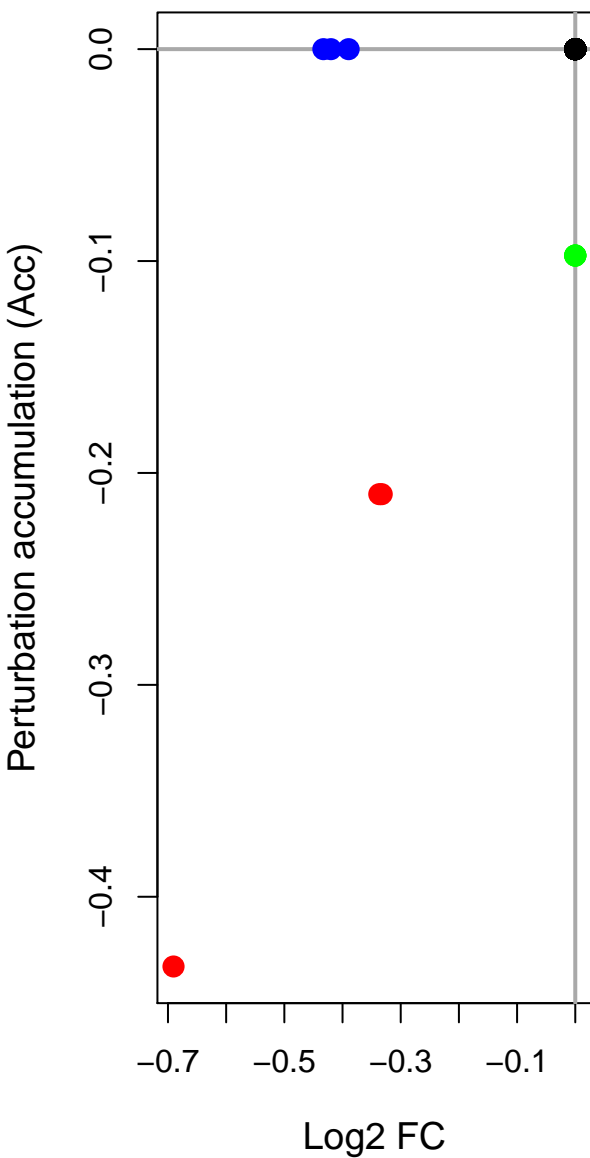
pathway ID=05100



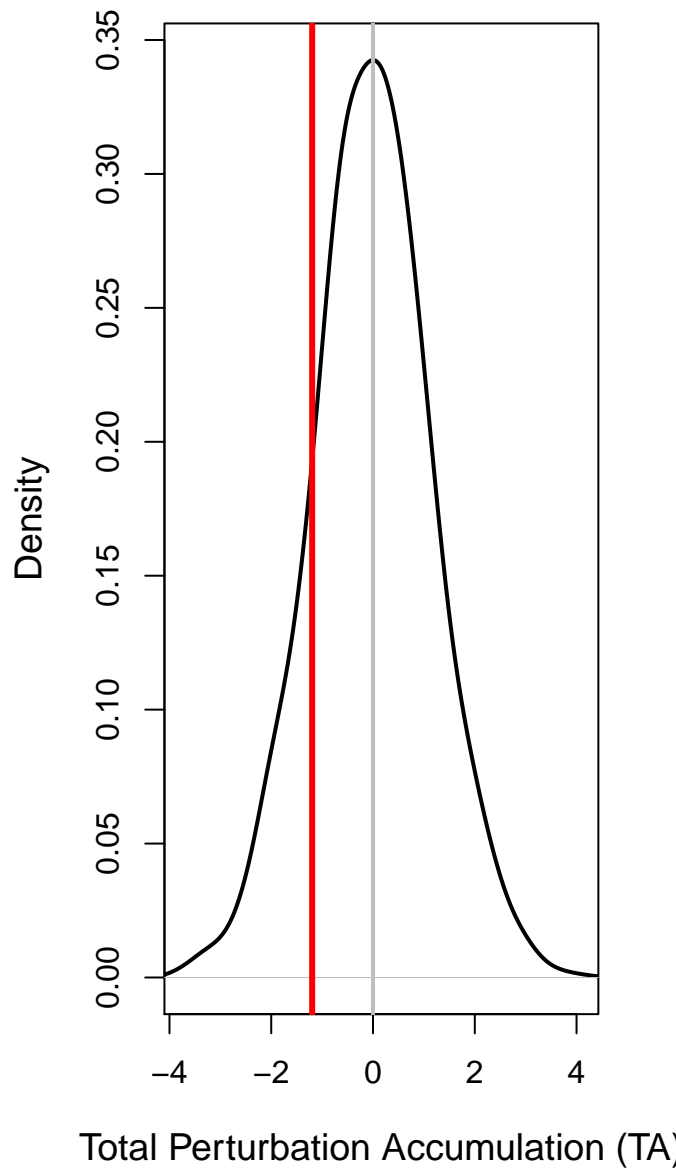
pathway ID=05100 P PERT=0.382



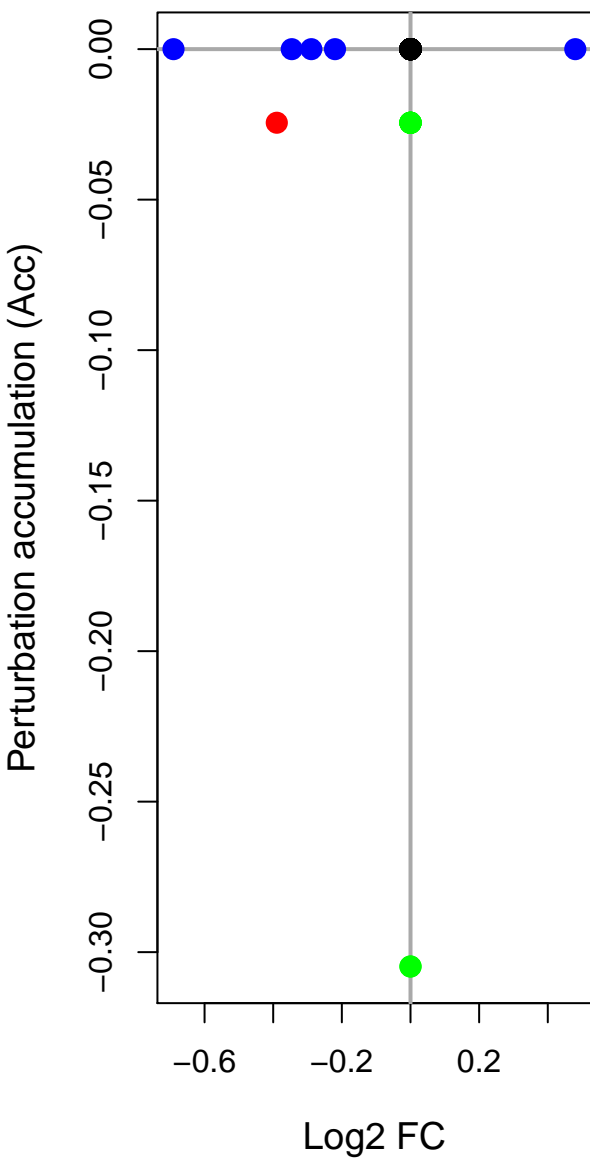
pathway ID=05132



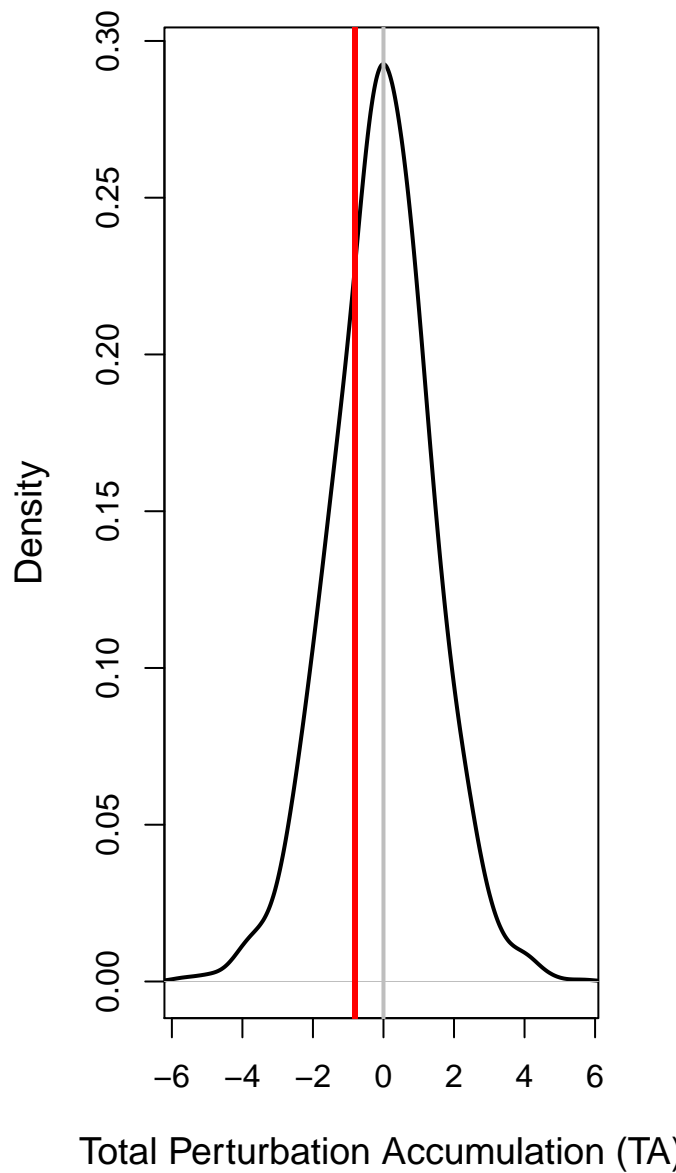
pathway ID=05132 P PERT=0.291



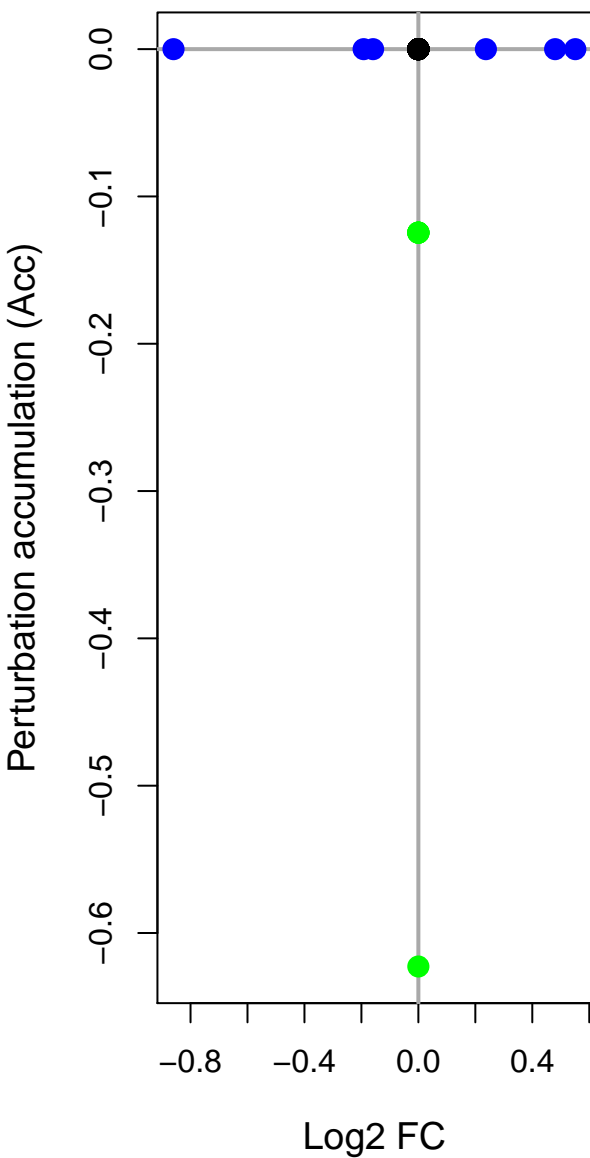
pathway ID=05133



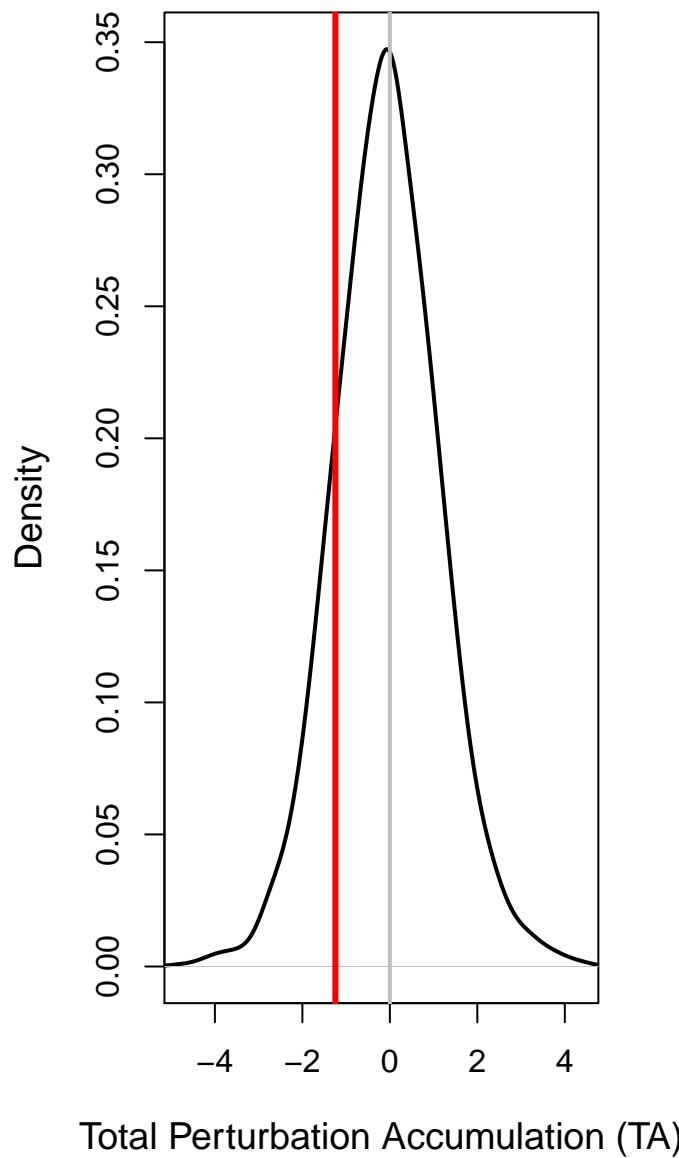
pathway ID=05133 P PERT=0.561



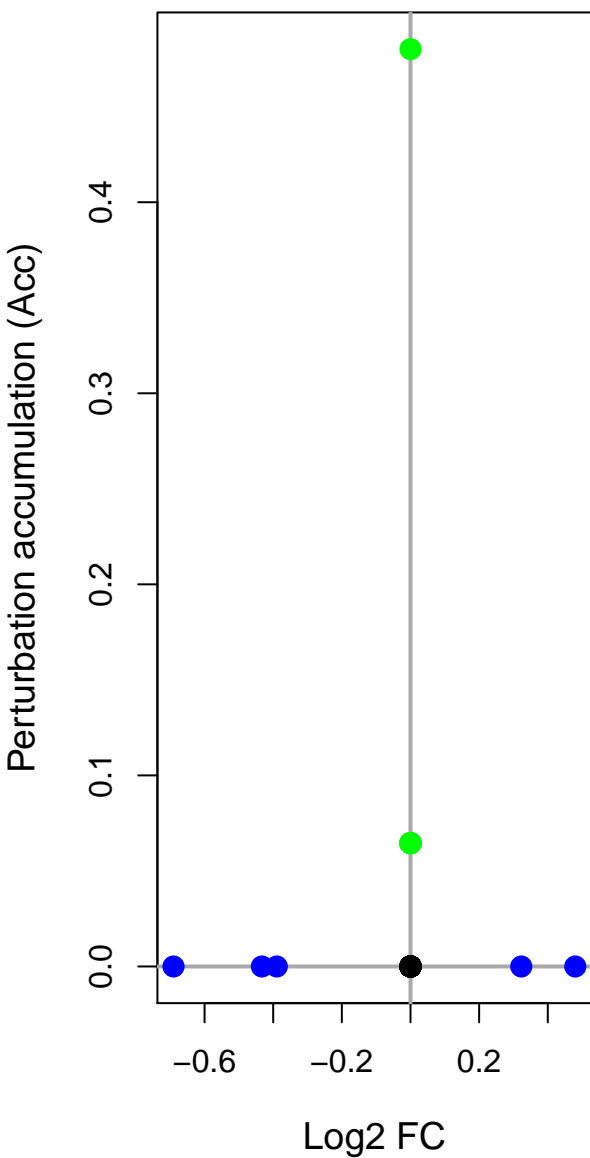
pathway ID=05134



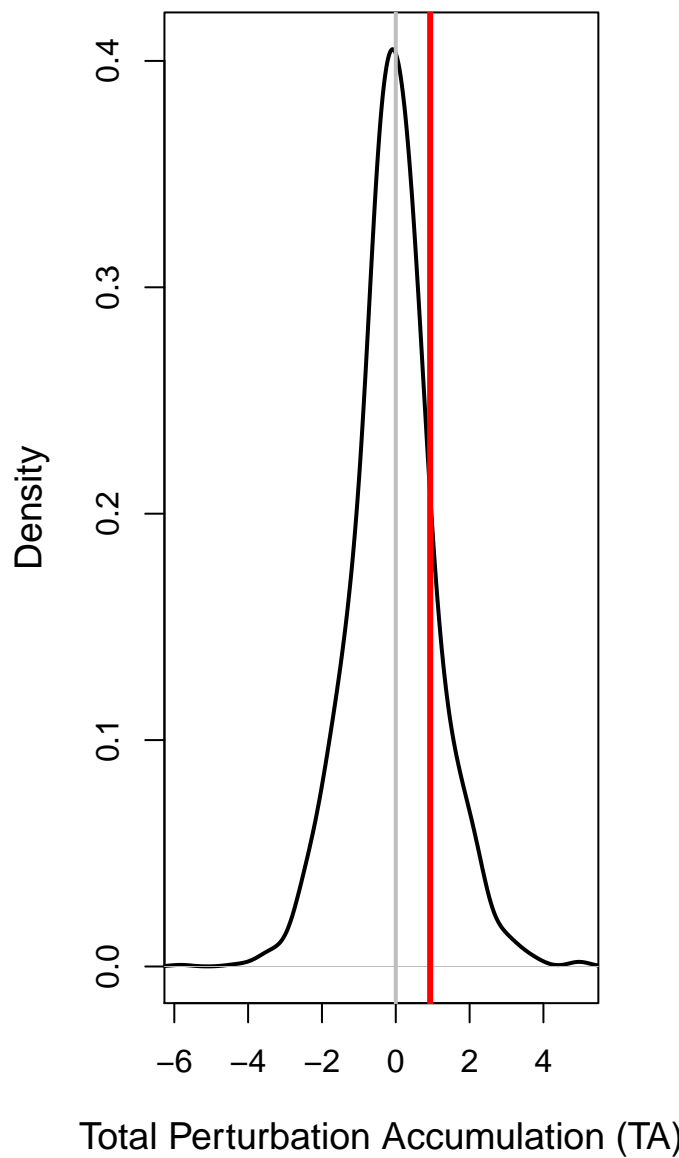
pathway ID=05134 P PERT=0.313



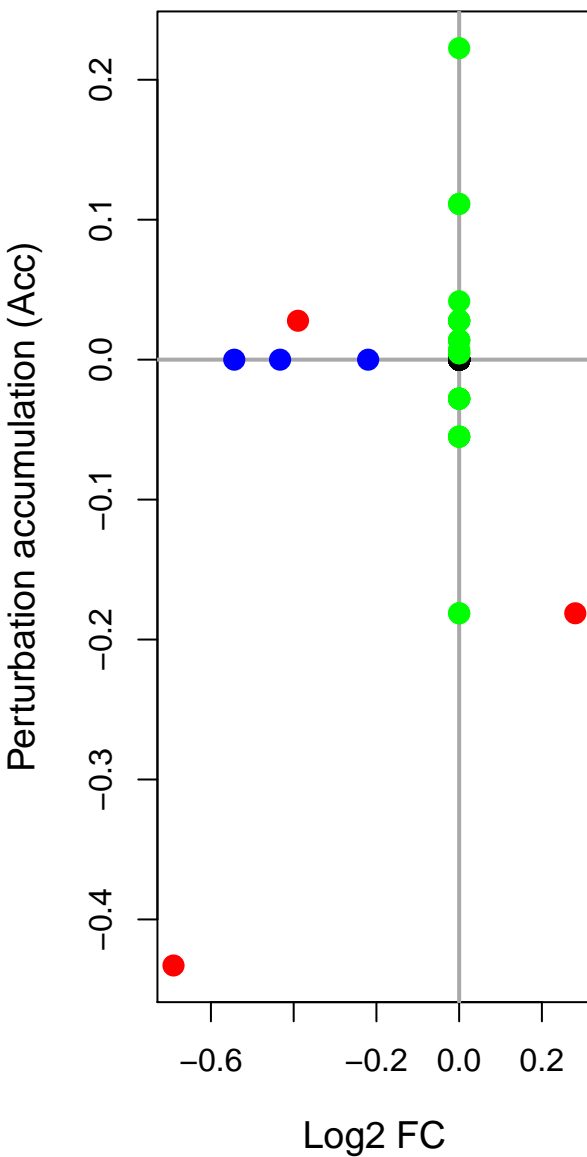
pathway ID=05140



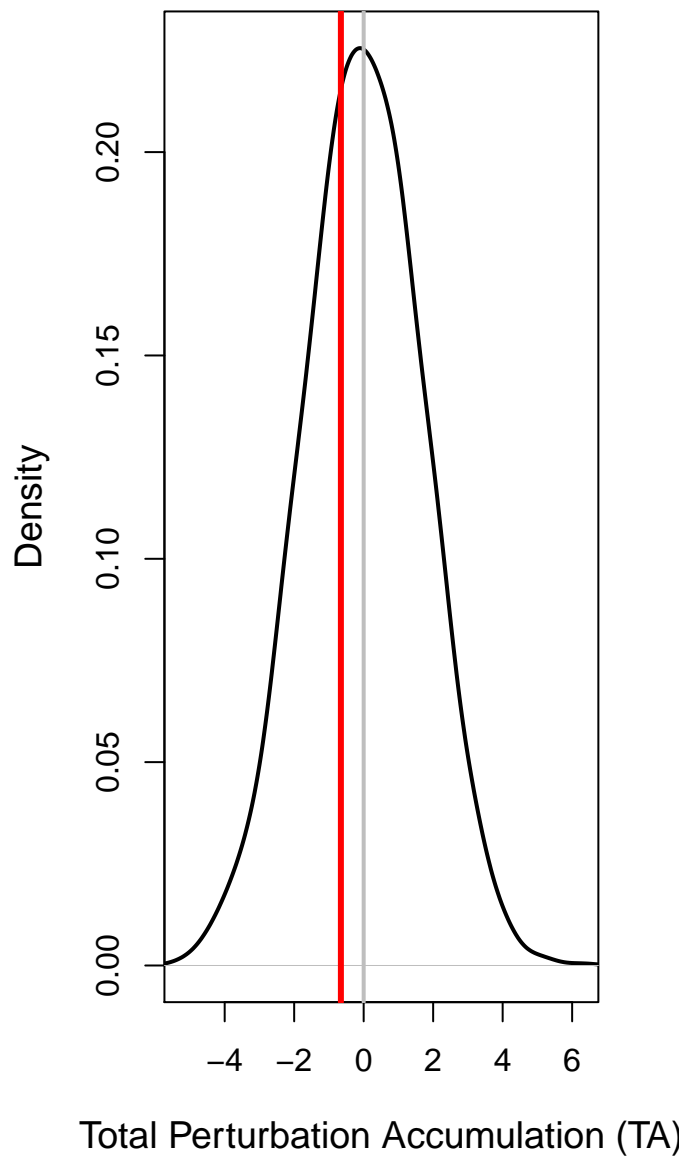
pathway ID=05140 P PERT=0.324



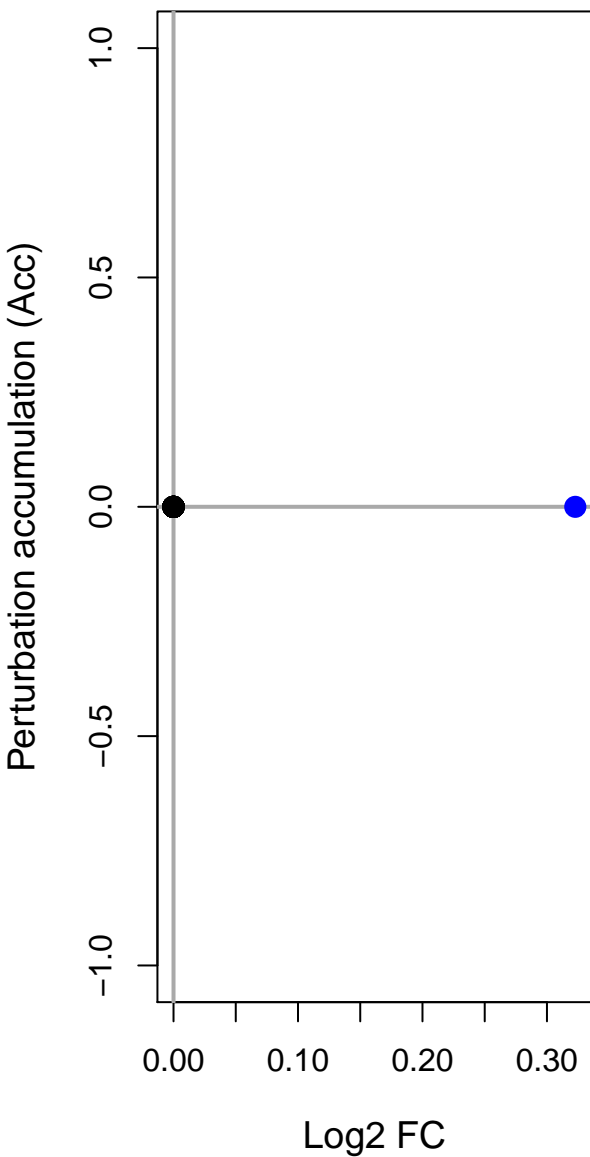
pathway ID=05142



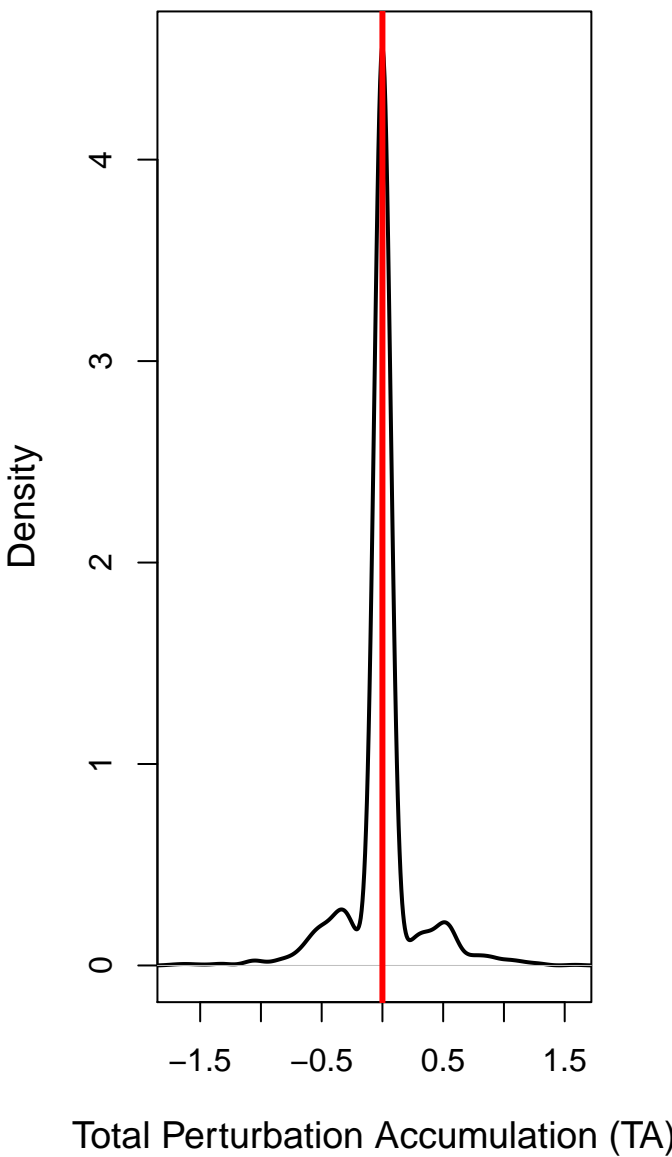
pathway ID=05142 P PERT=0.693



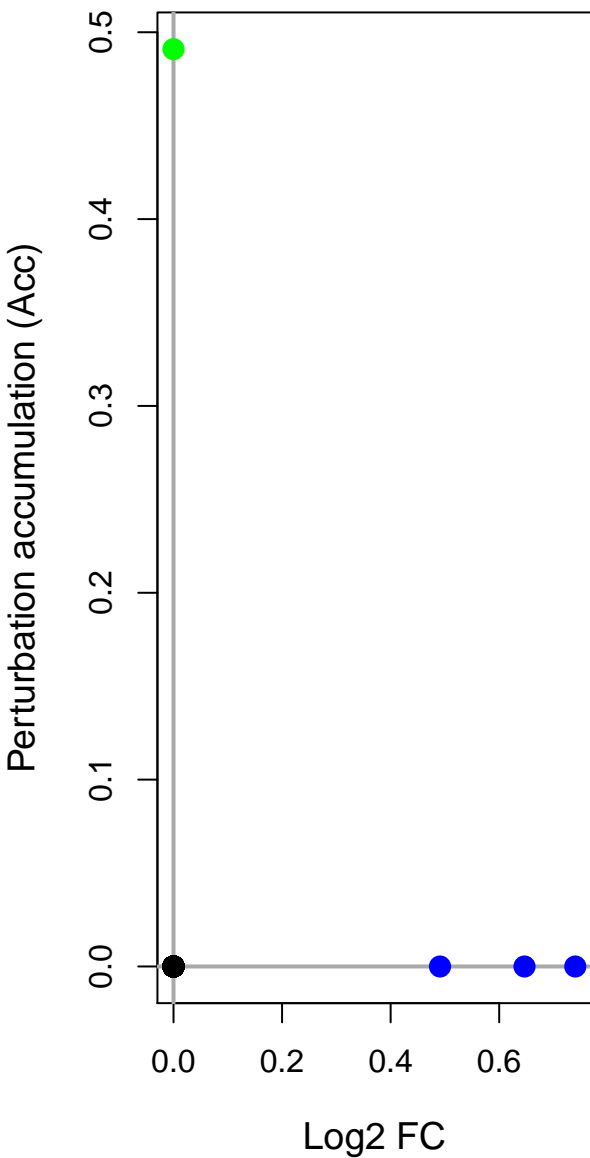
pathway ID=05143



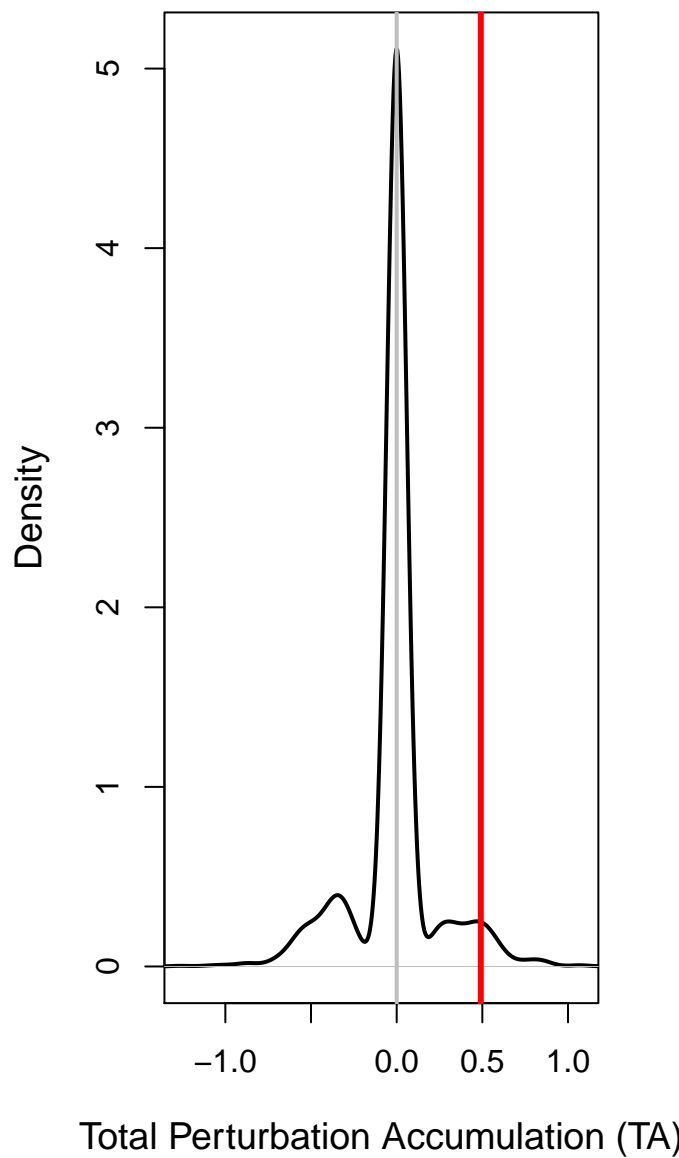
pathway ID=05143 P PERT=1



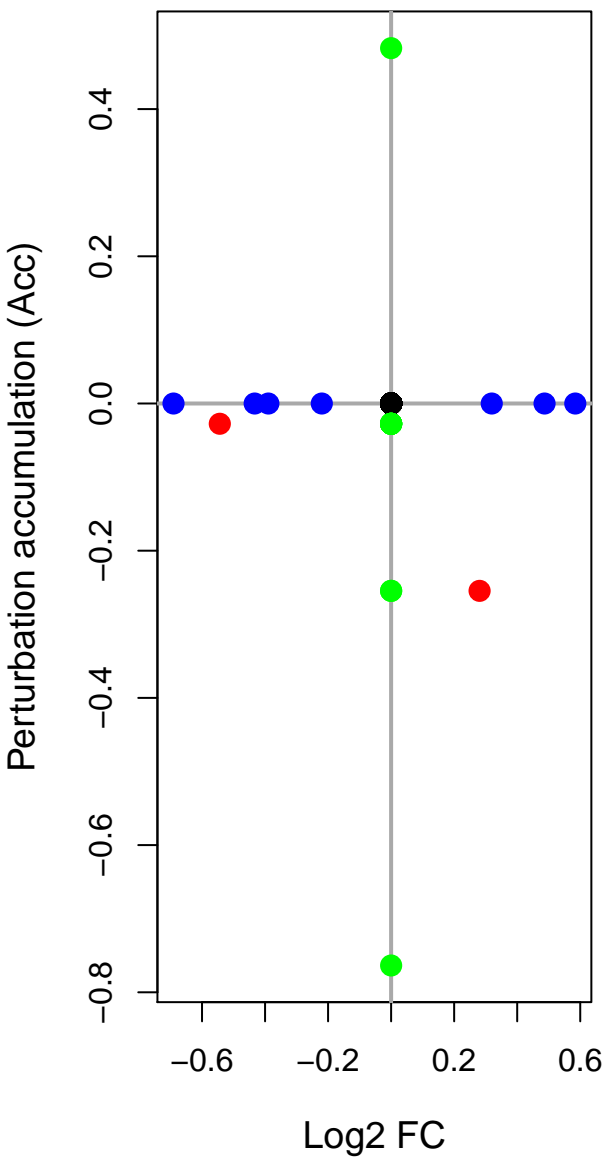
pathway ID=05144



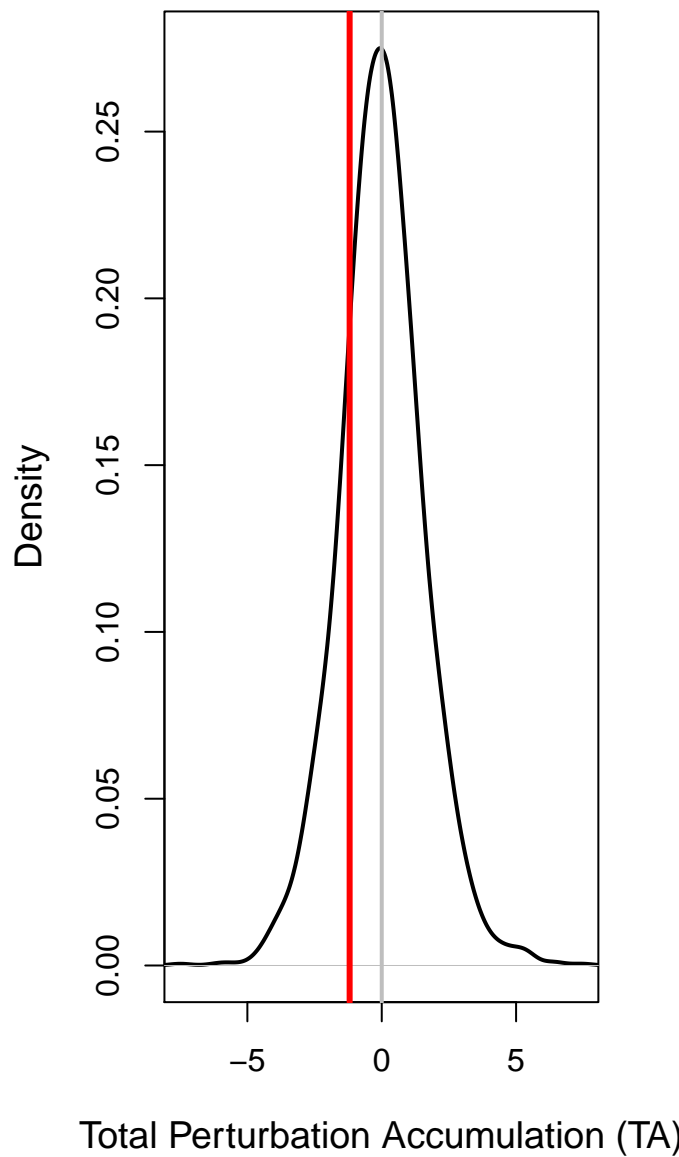
pathway ID=05144 P PERT=0.077



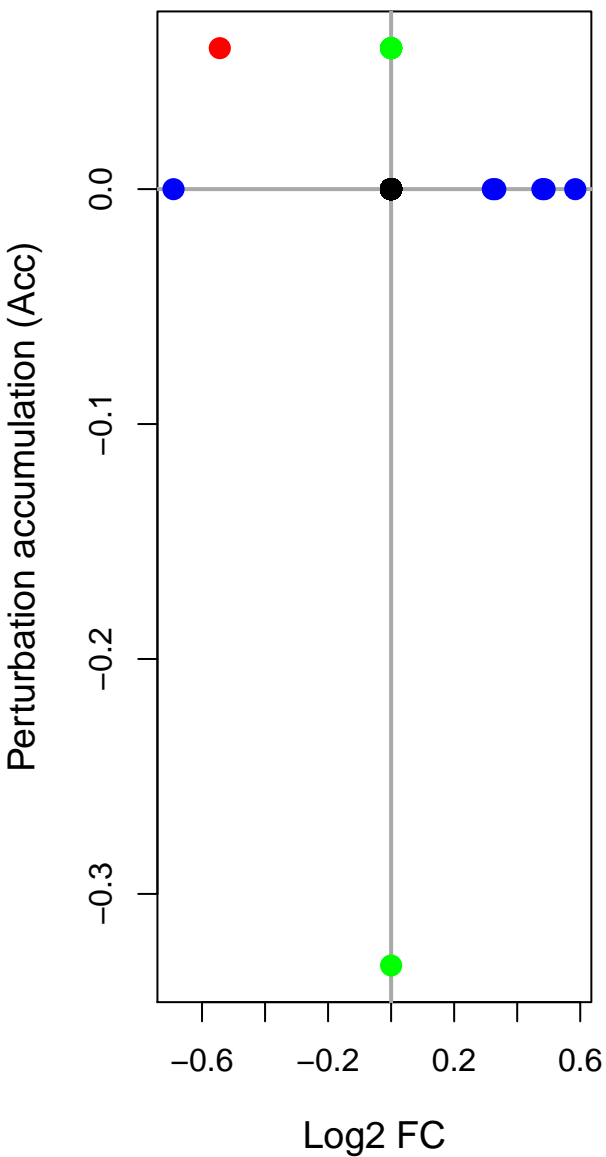
pathway ID=05145



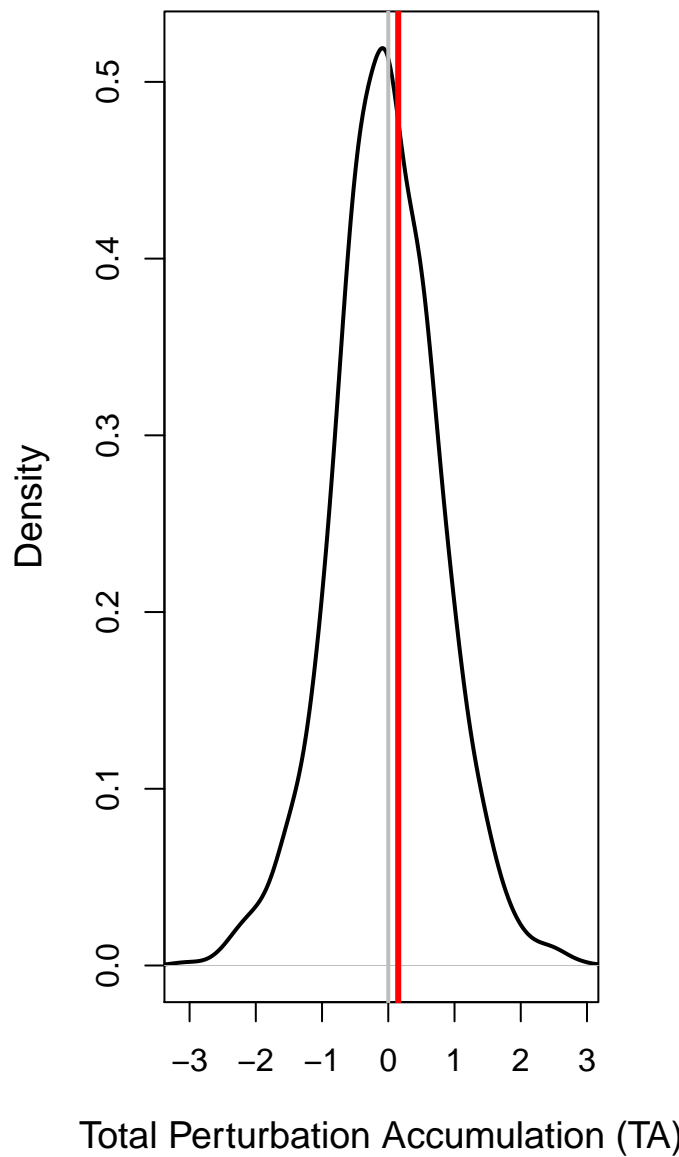
pathway ID=05145 P PERT=0.403



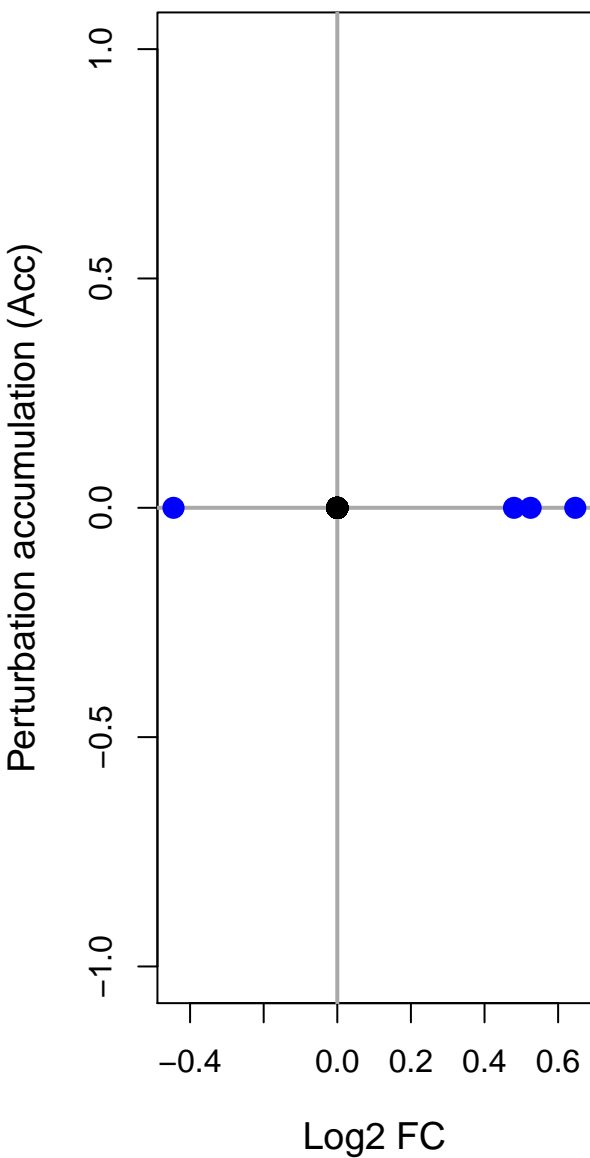
pathway ID=05146



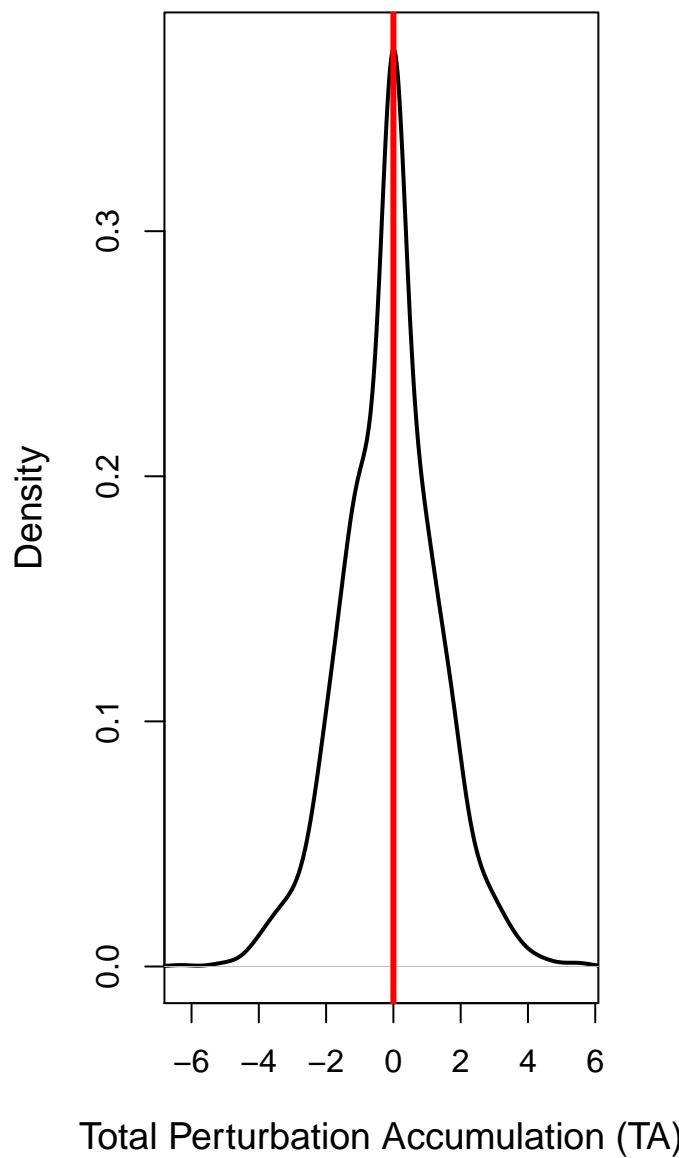
pathway ID=05146 P PERT=0.781



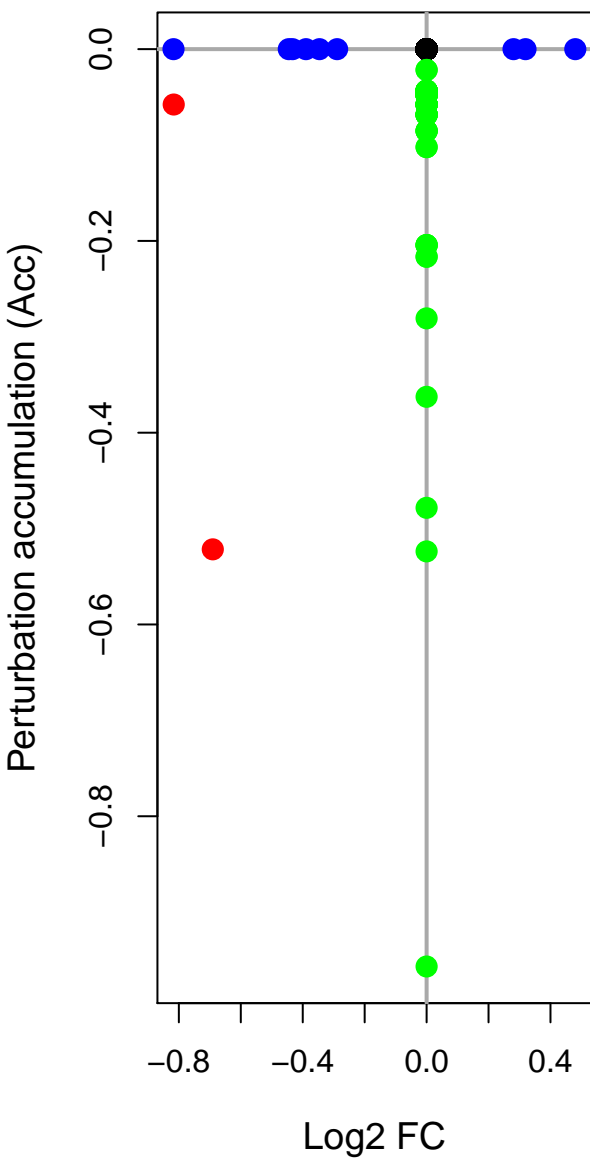
pathway ID=05150



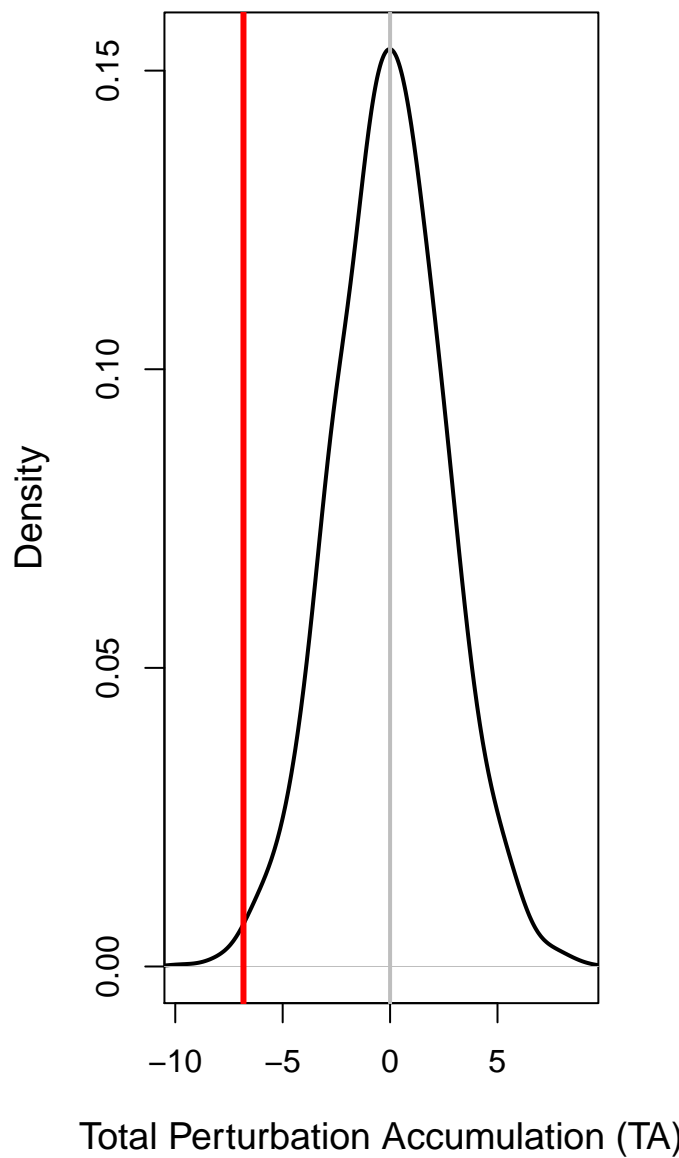
pathway ID=05150 P PERT=1



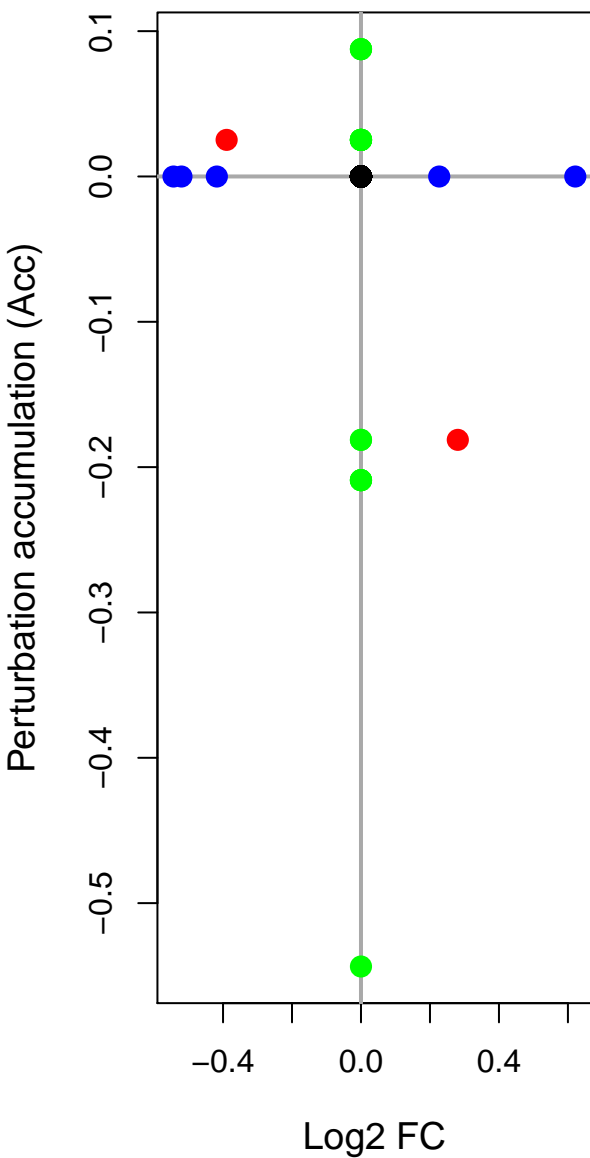
pathway ID=05152



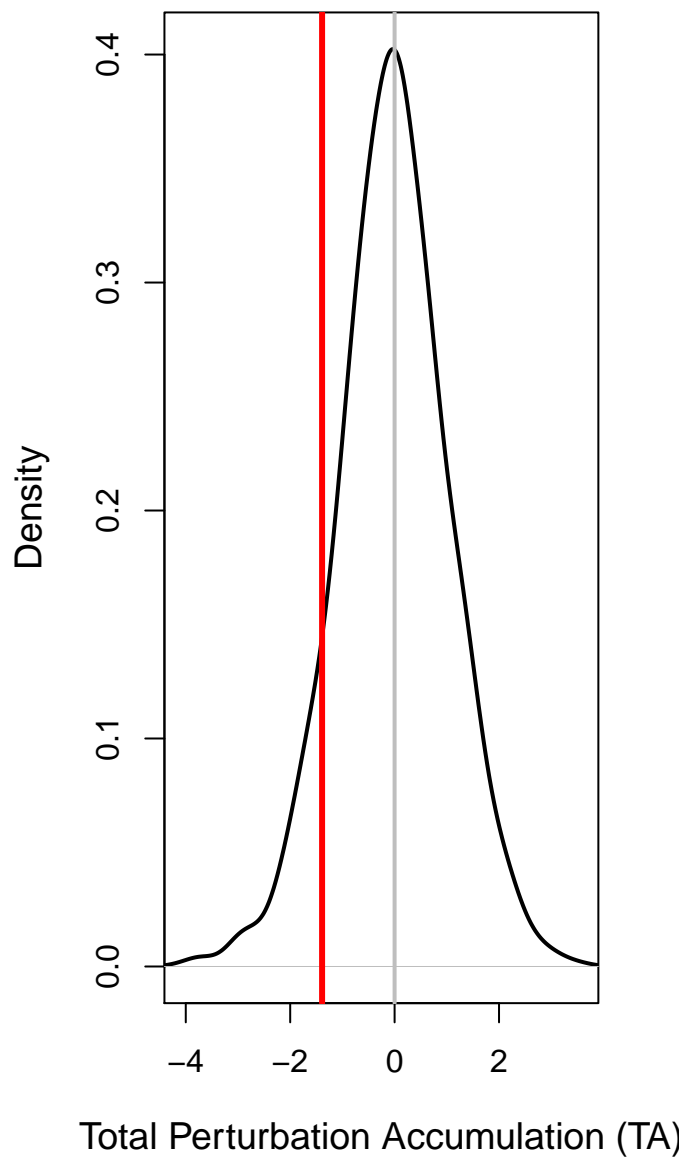
pathway ID=05152 P PERT=0.009



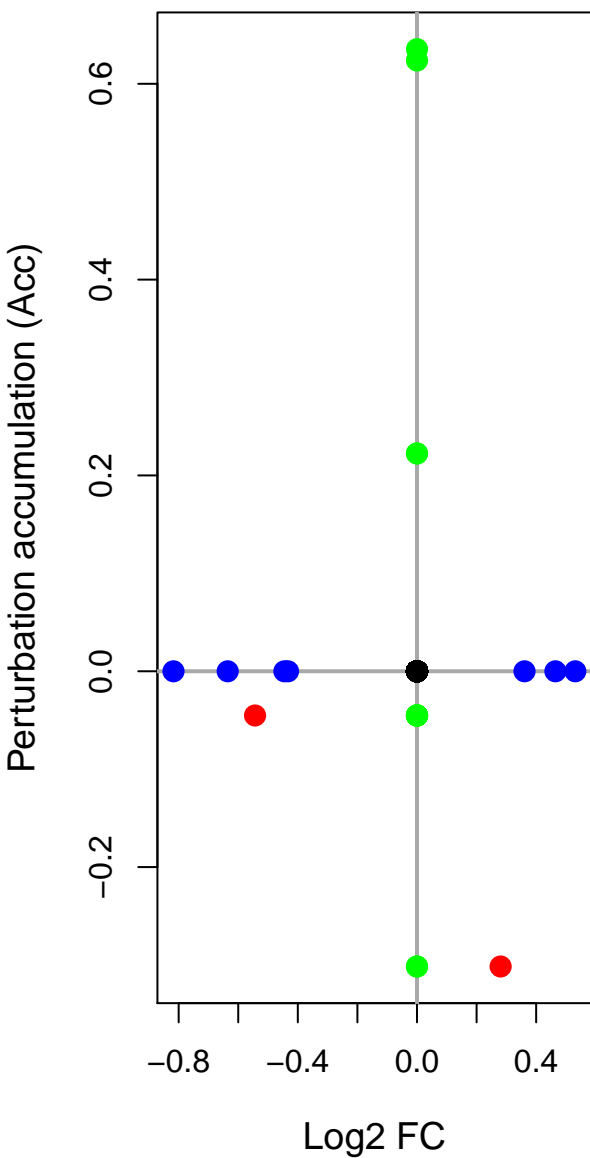
pathway ID=05160



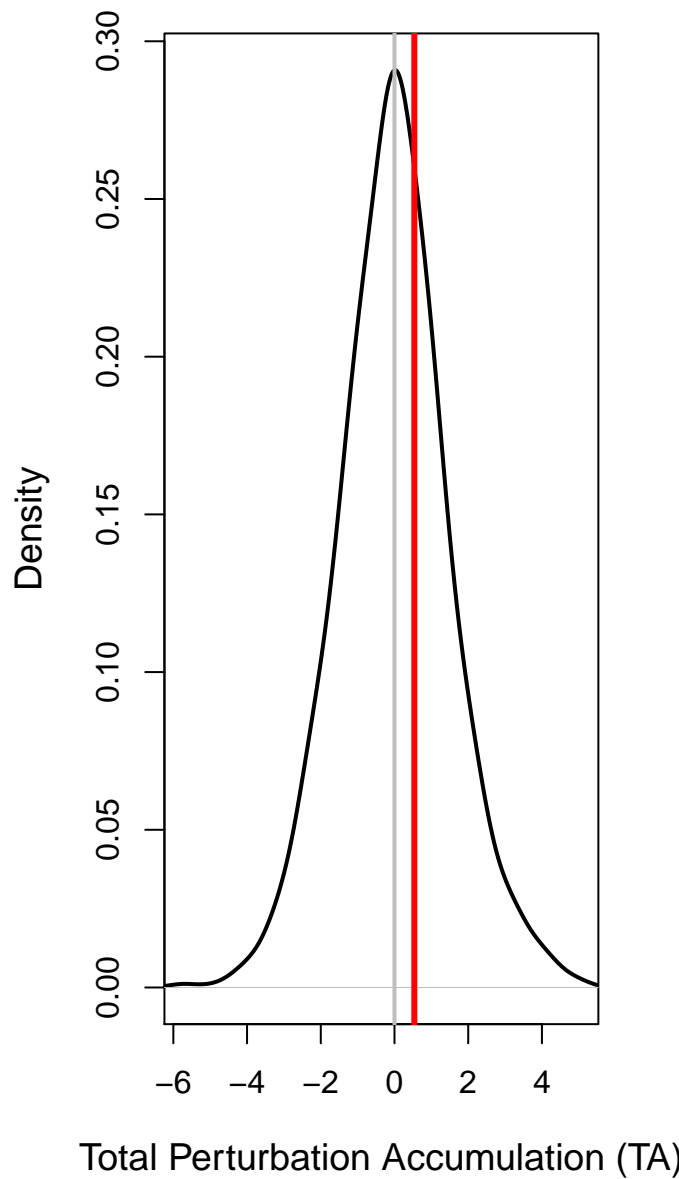
pathway ID=05160 P PERT=0.187



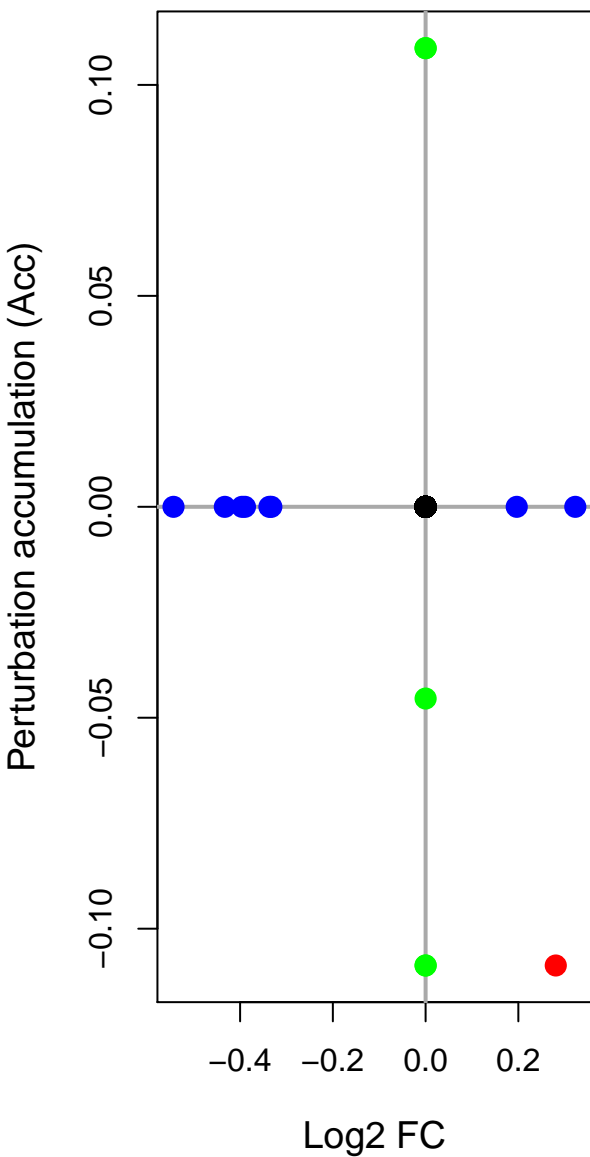
pathway ID=05162



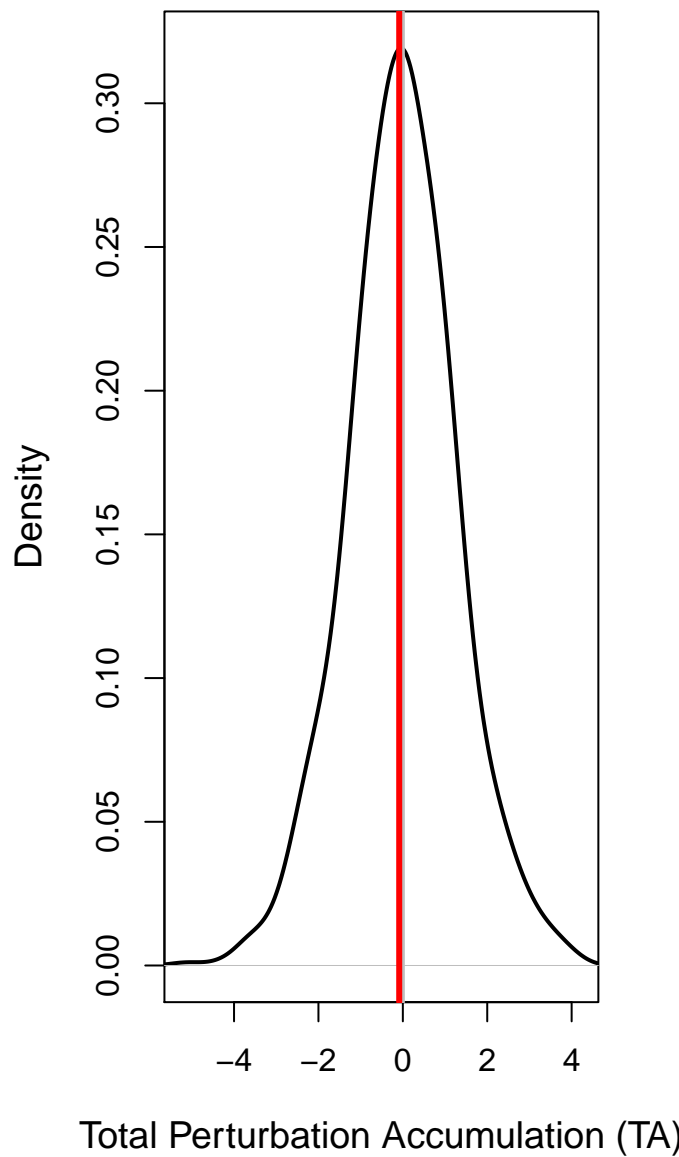
pathway ID=05162 P PERT=0.68



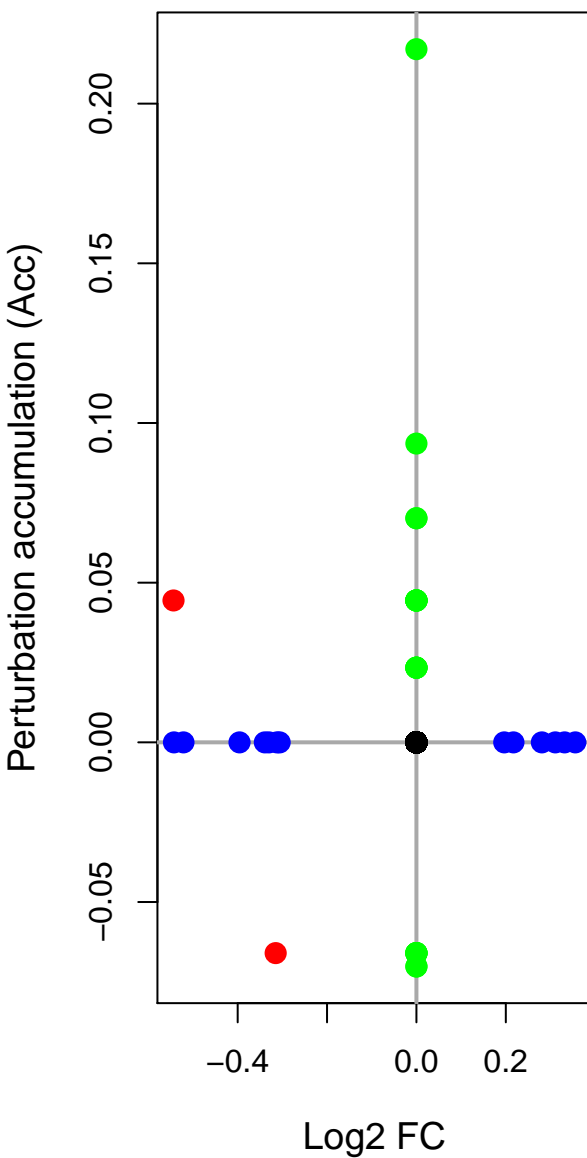
pathway ID=05164



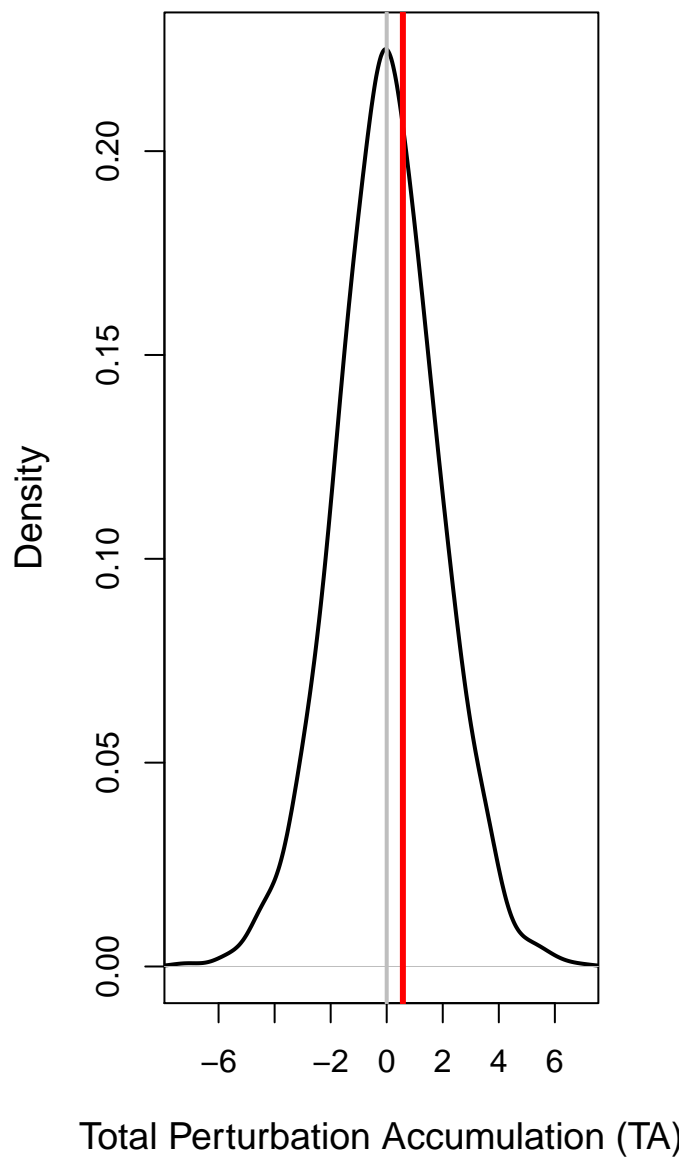
pathway ID=05164 P PERT=0.957



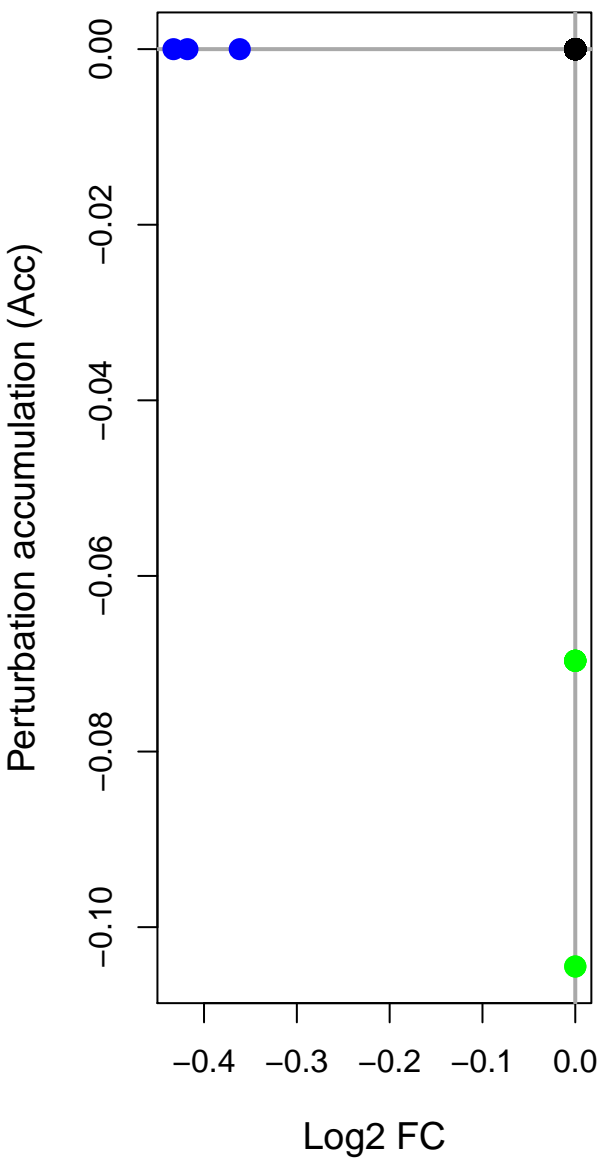
pathway ID=05166



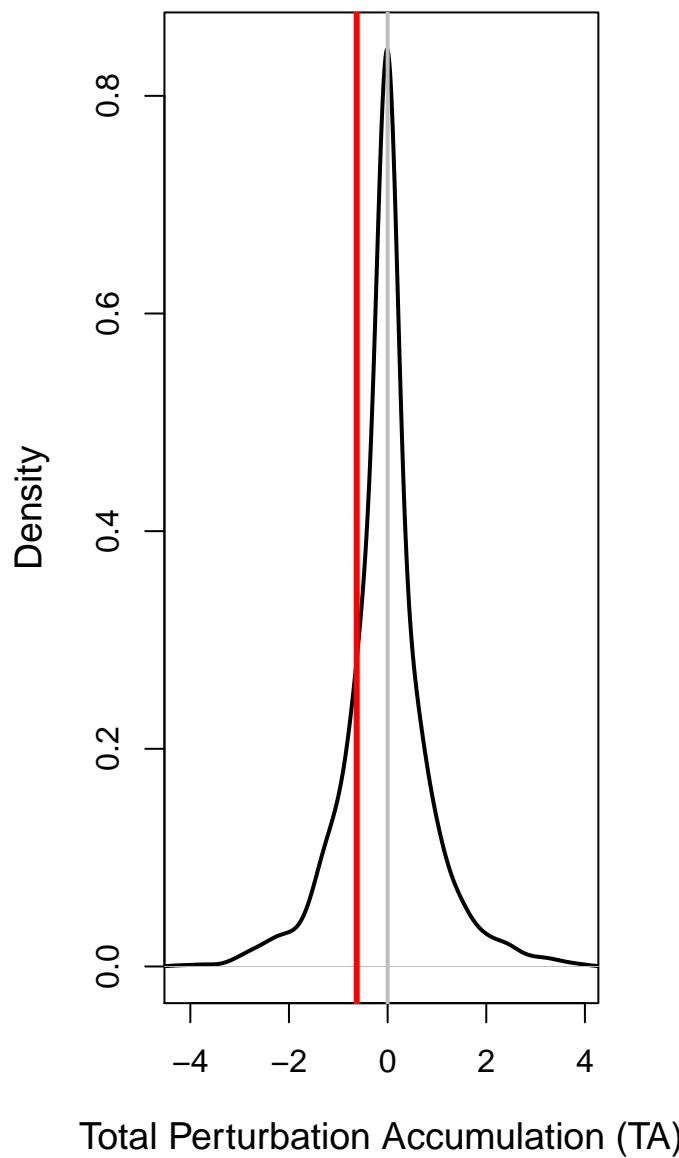
pathway ID=05166 P PERT=0.743



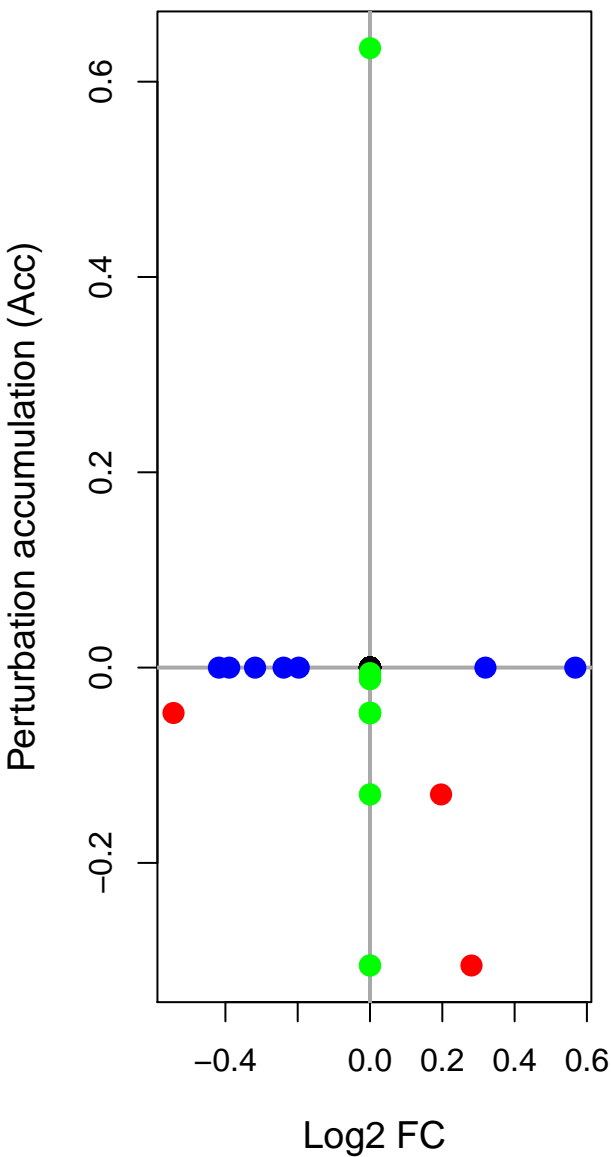
pathway ID=05168



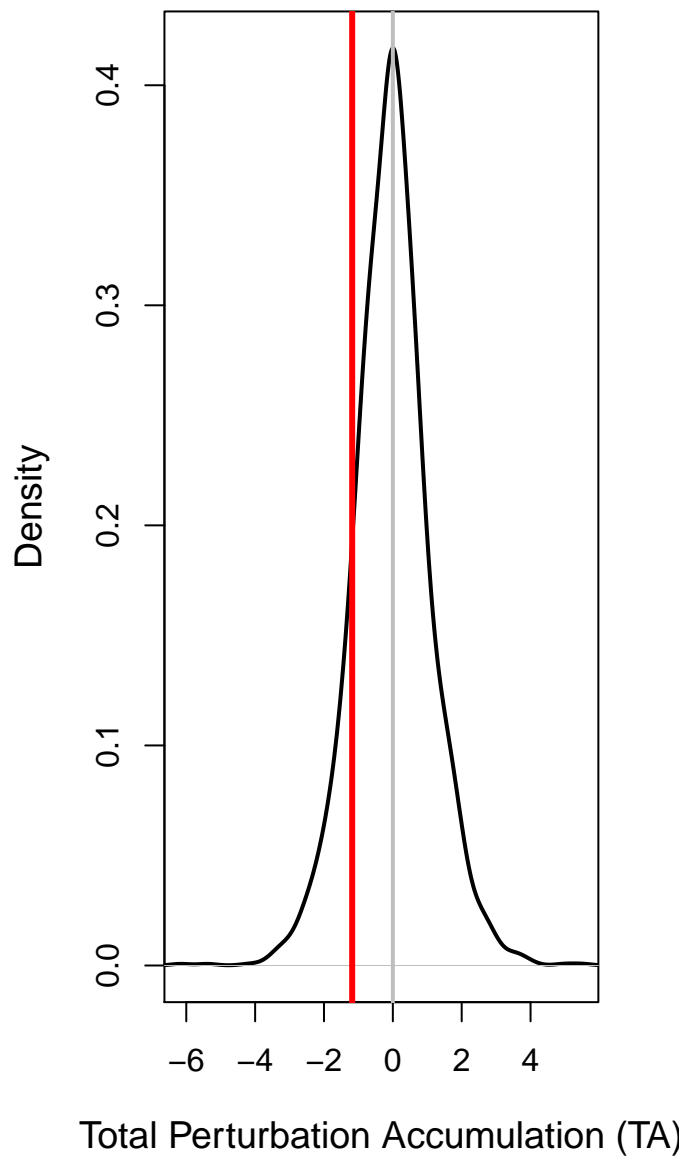
pathway ID=05168 P PERT=0.342



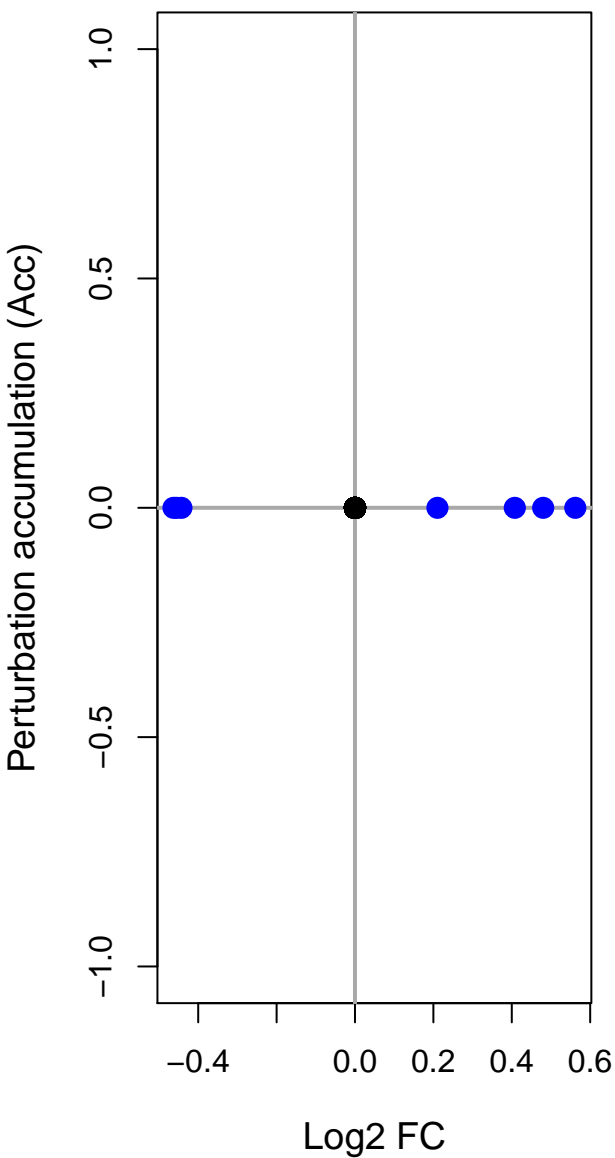
pathway ID=05169



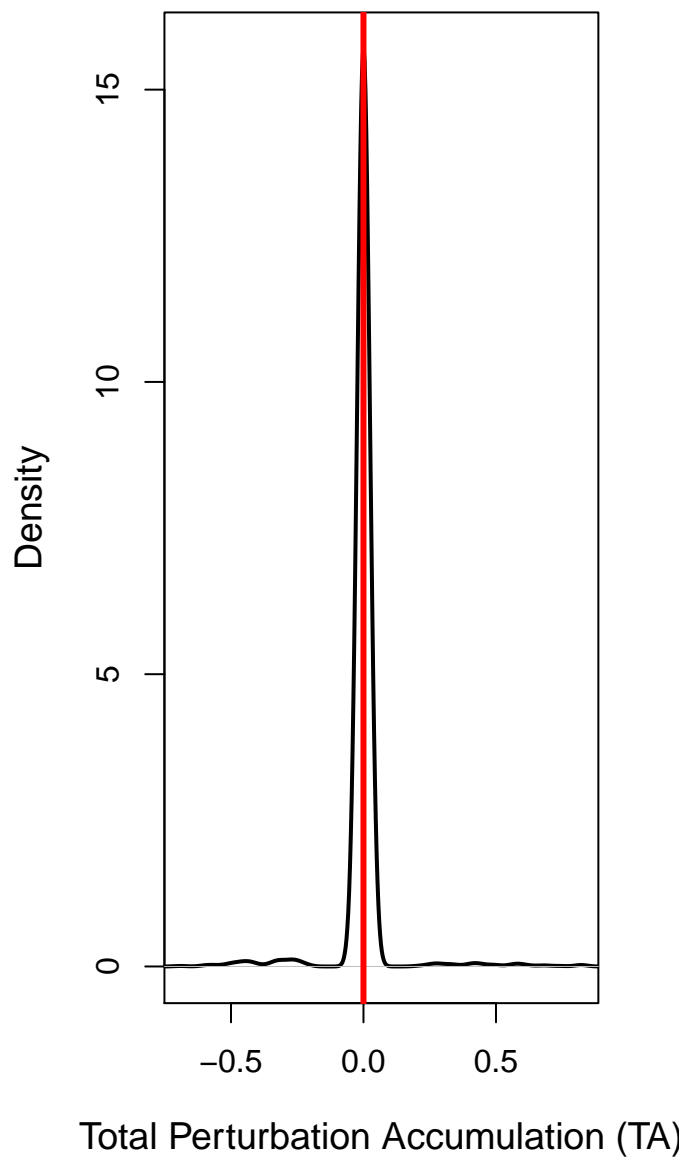
pathway ID=05169 P PERT=0.253



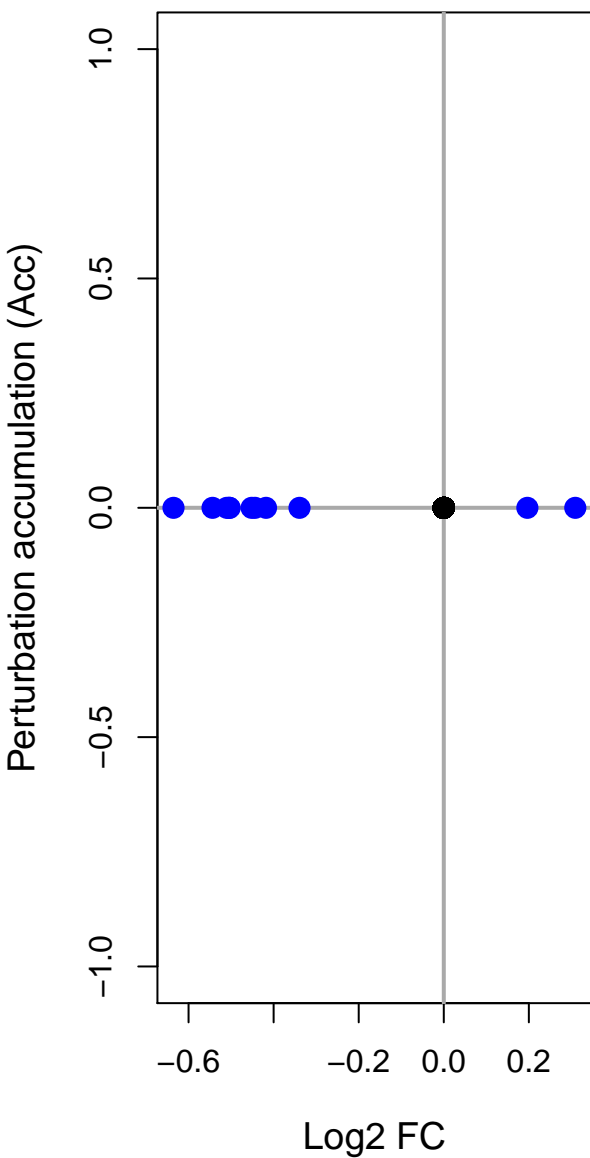
pathway ID=05202



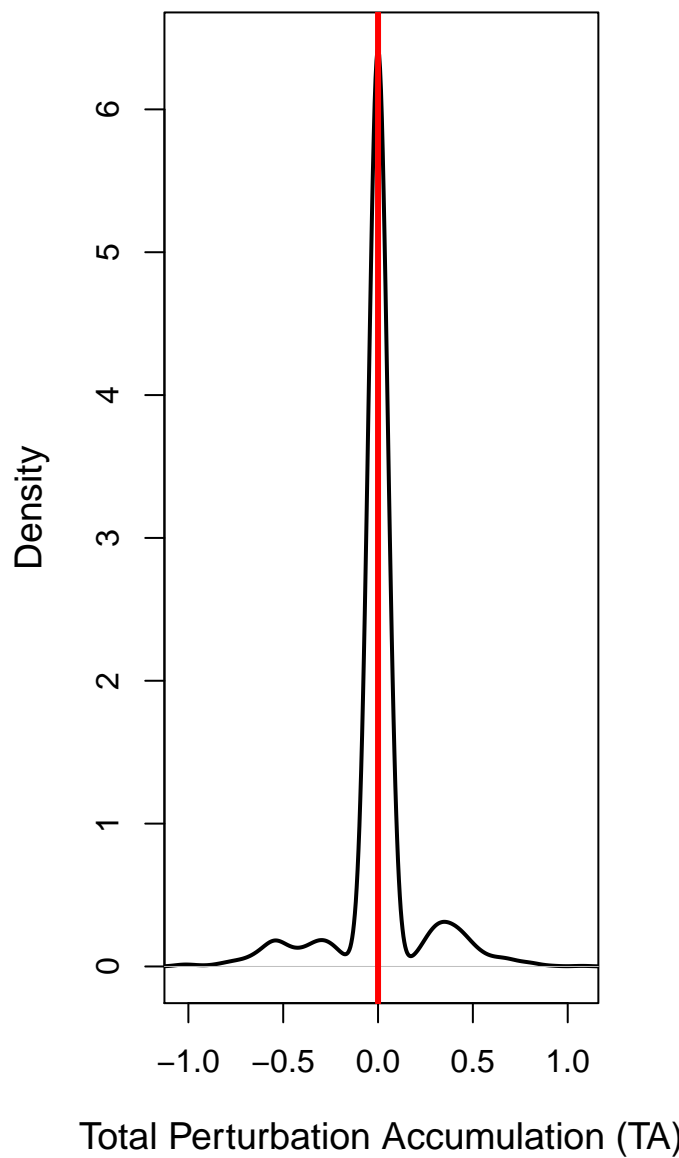
pathway ID=05202 P PERT=1



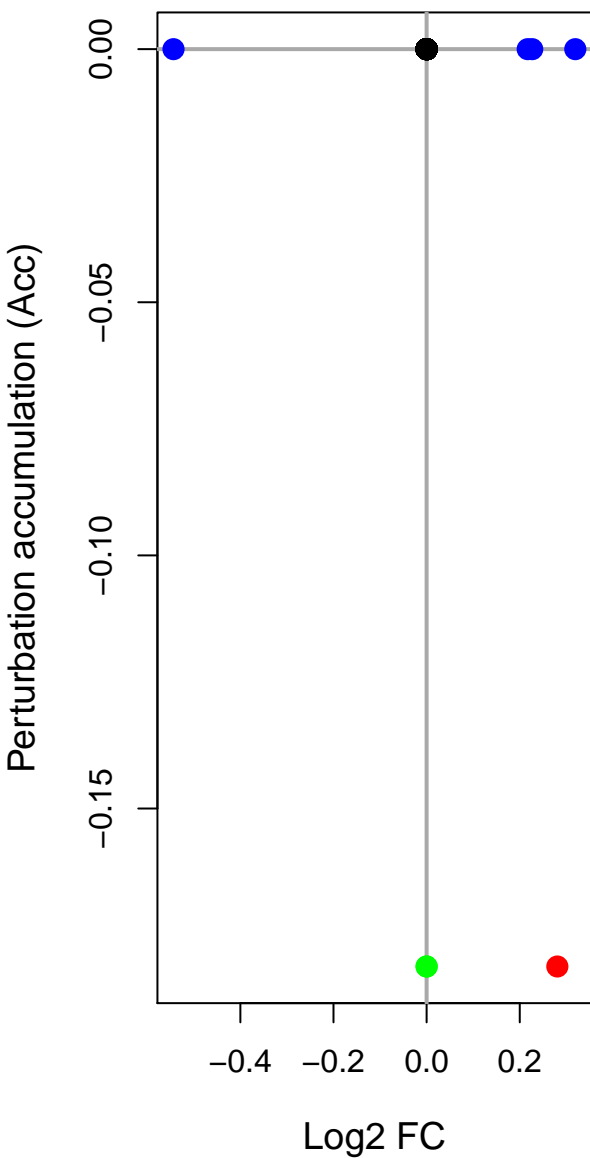
pathway ID=05203



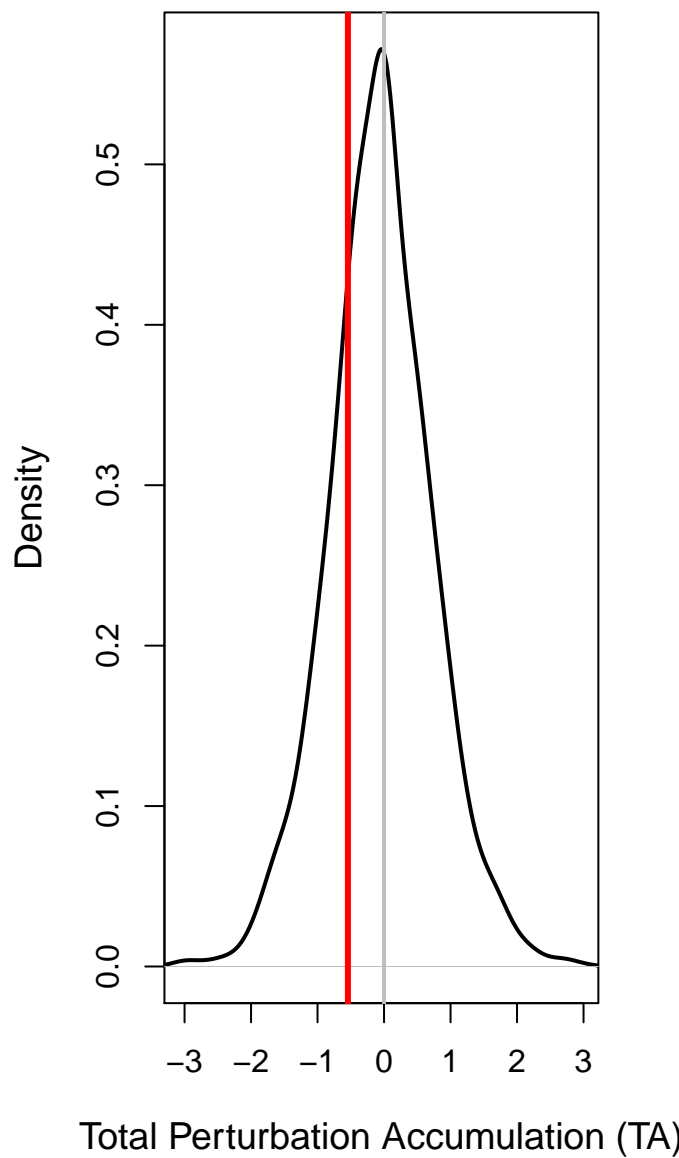
pathway ID=05203 P PERT=1



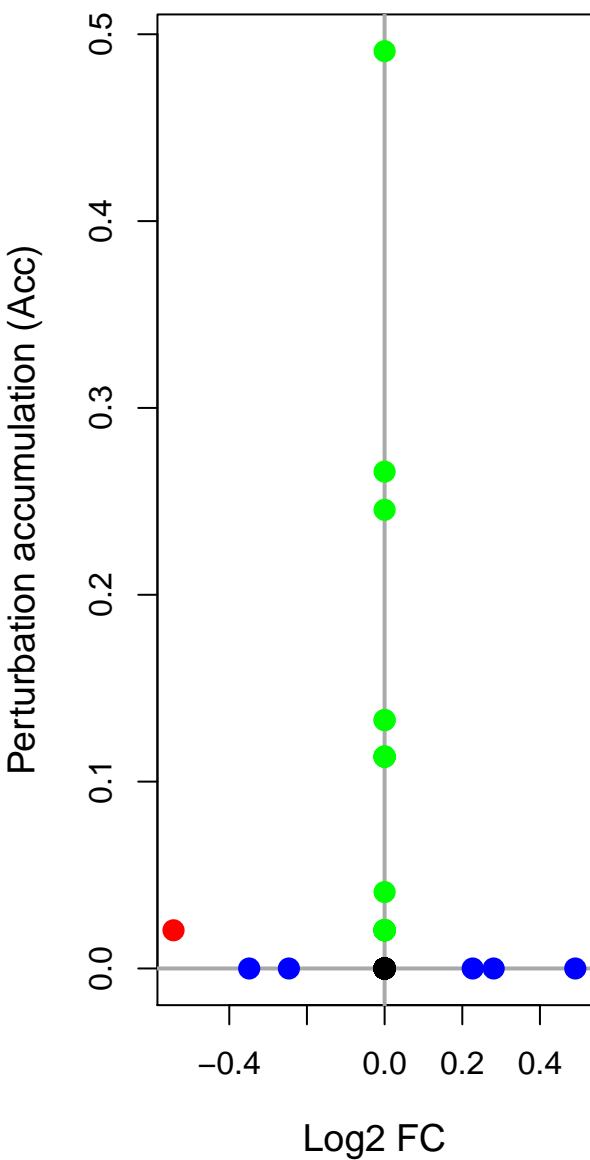
pathway ID=05210



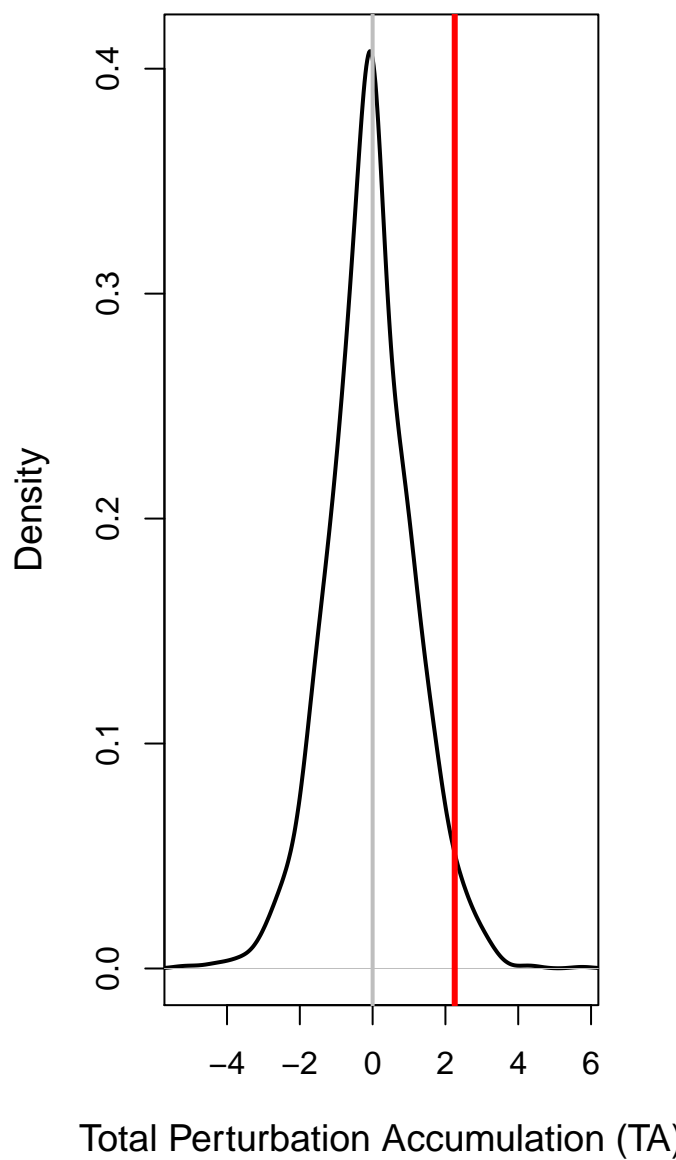
pathway ID=05210 P PERT=0.494



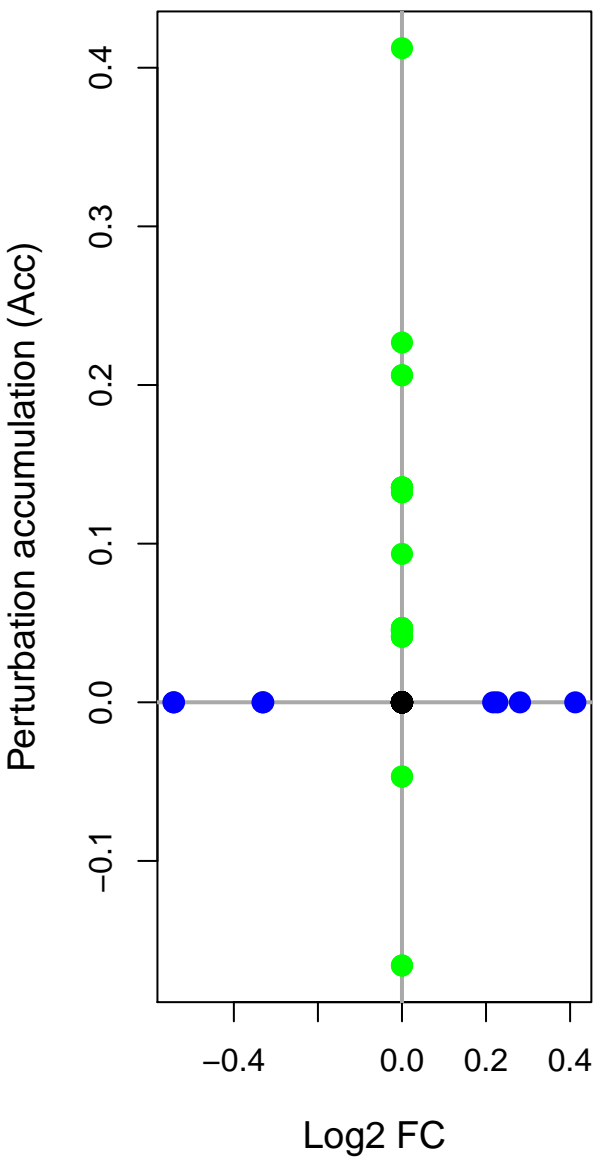
pathway ID=05211



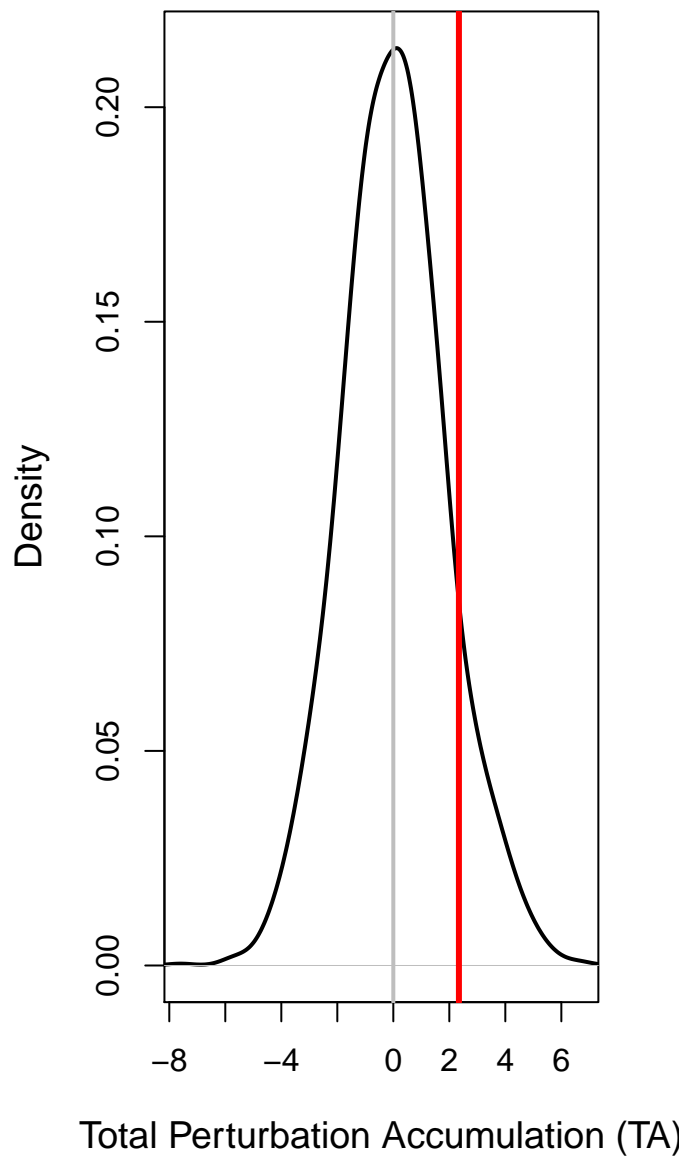
pathway ID=05211 P PERT=0.06



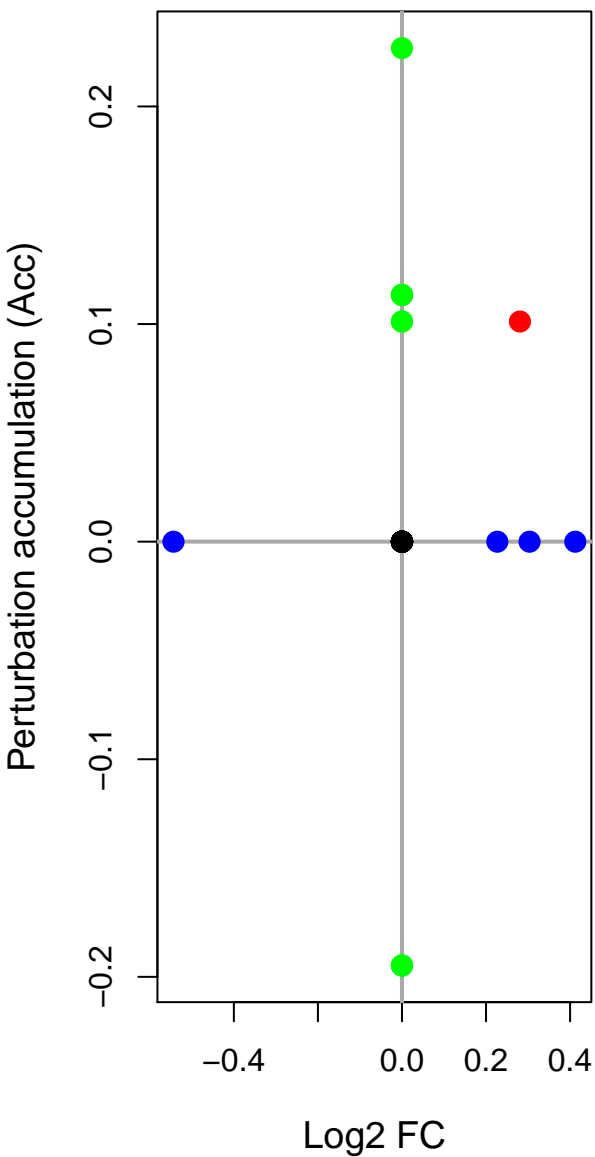
pathway ID=05212



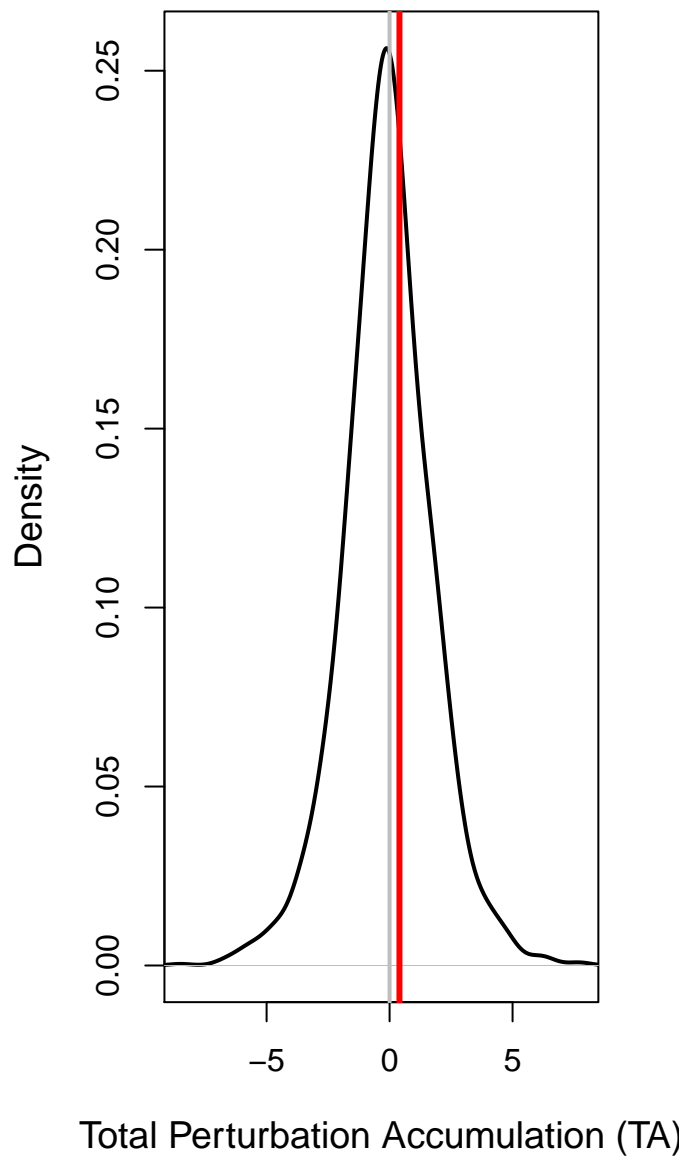
pathway ID=05212 P PERT=0.213



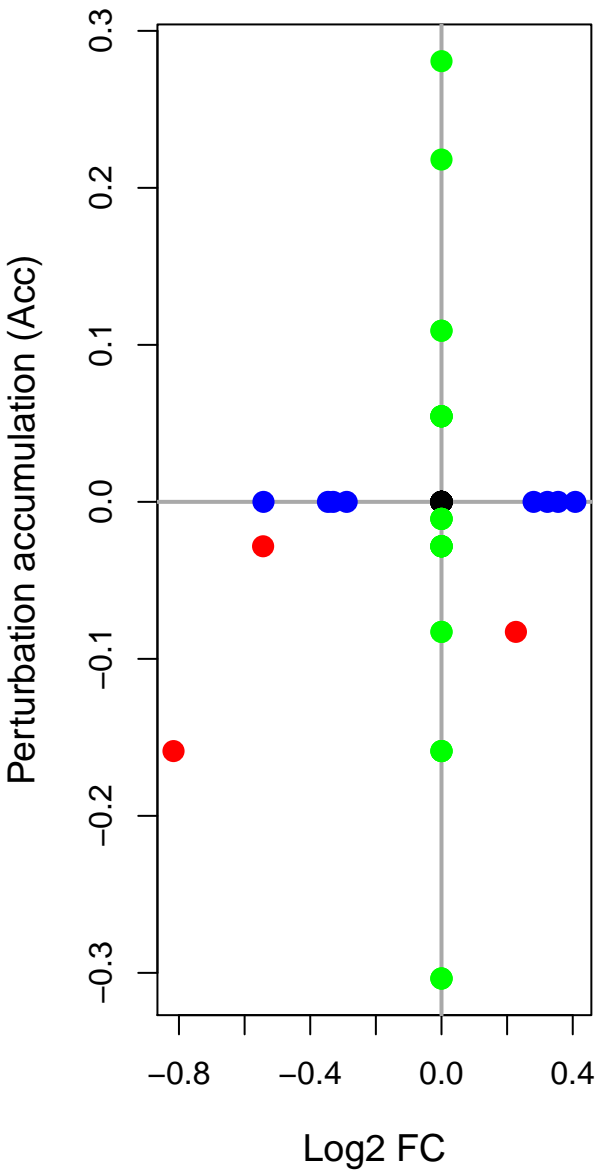
pathway ID=05213



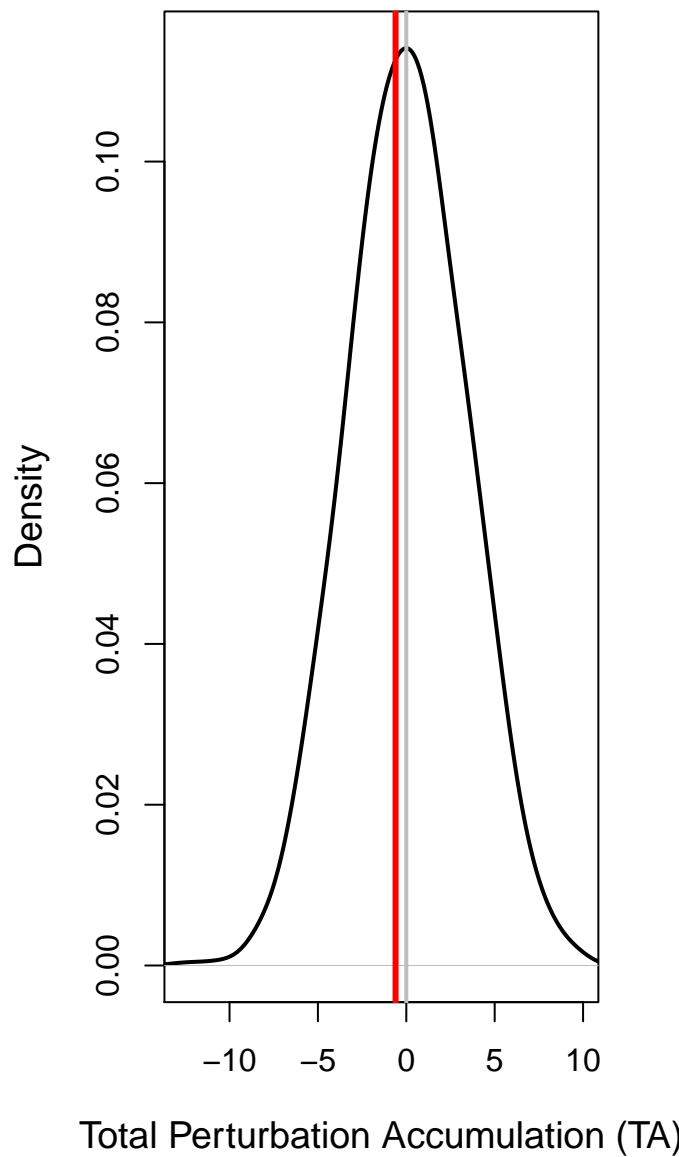
pathway ID=05213 P PERT=0.731



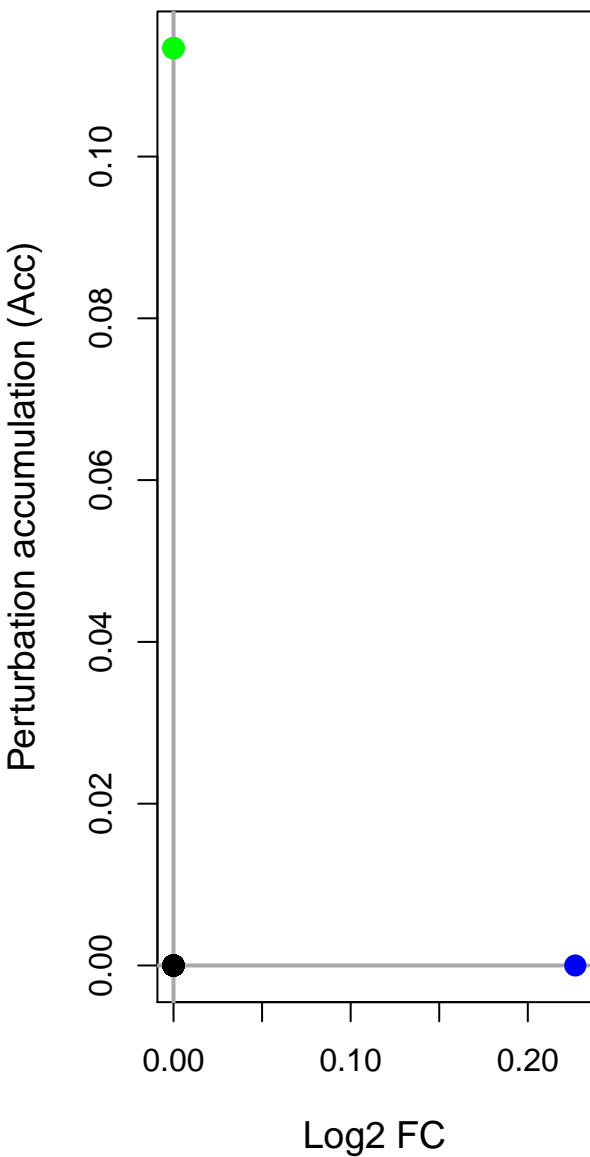
pathway ID=05214



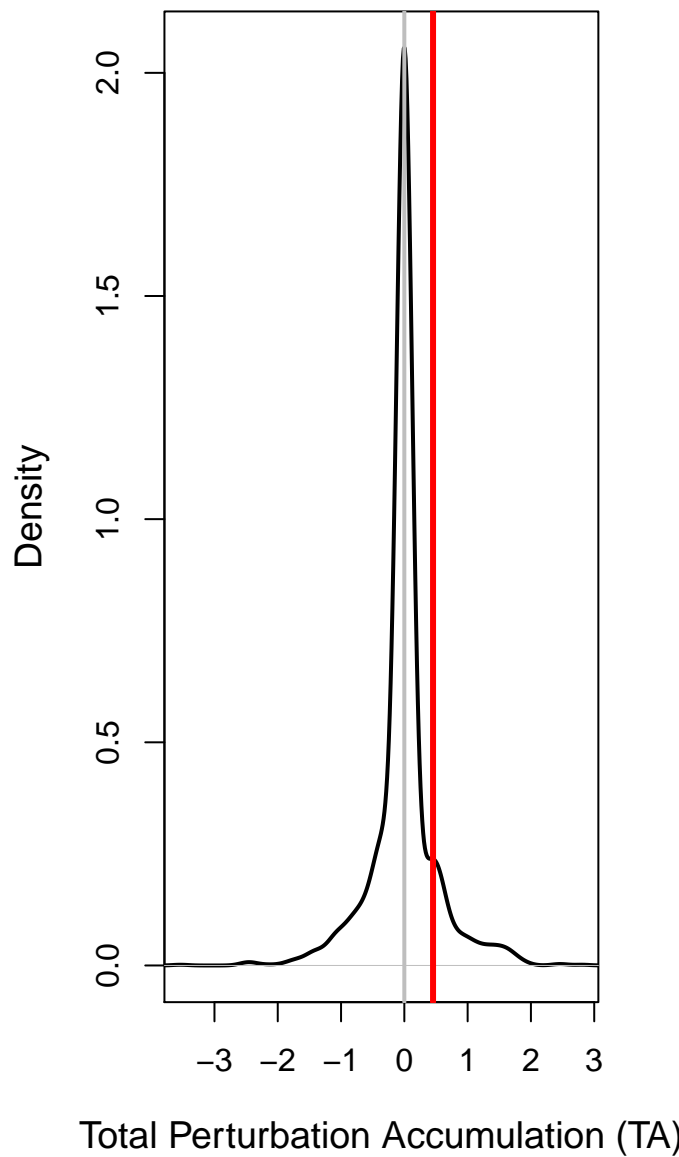
pathway ID=05214 P PERT=0.863



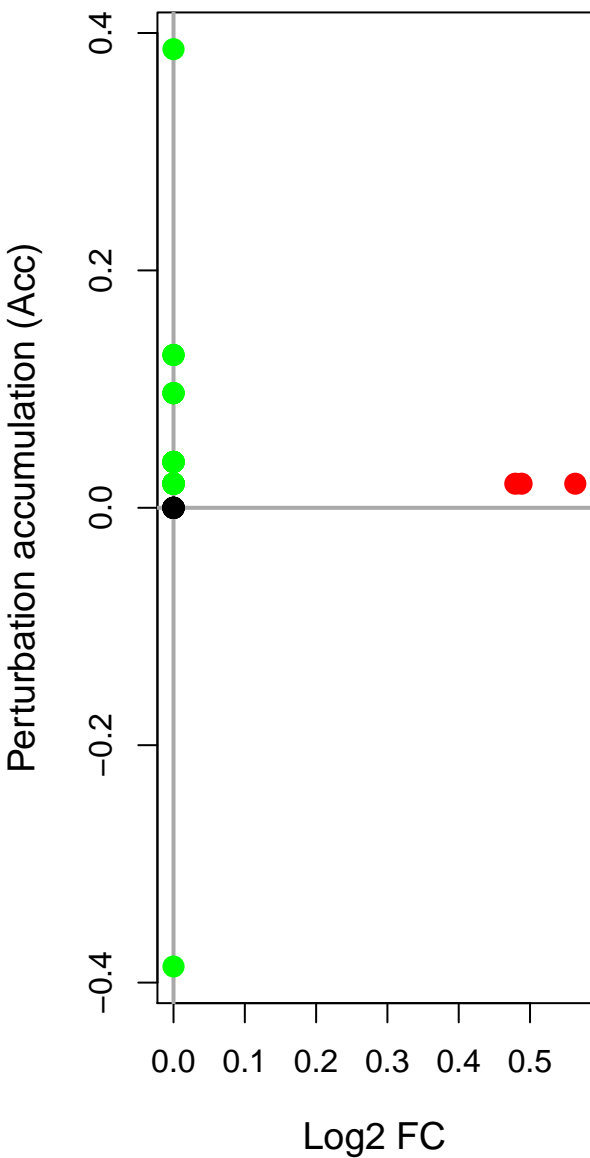
pathway ID=05216



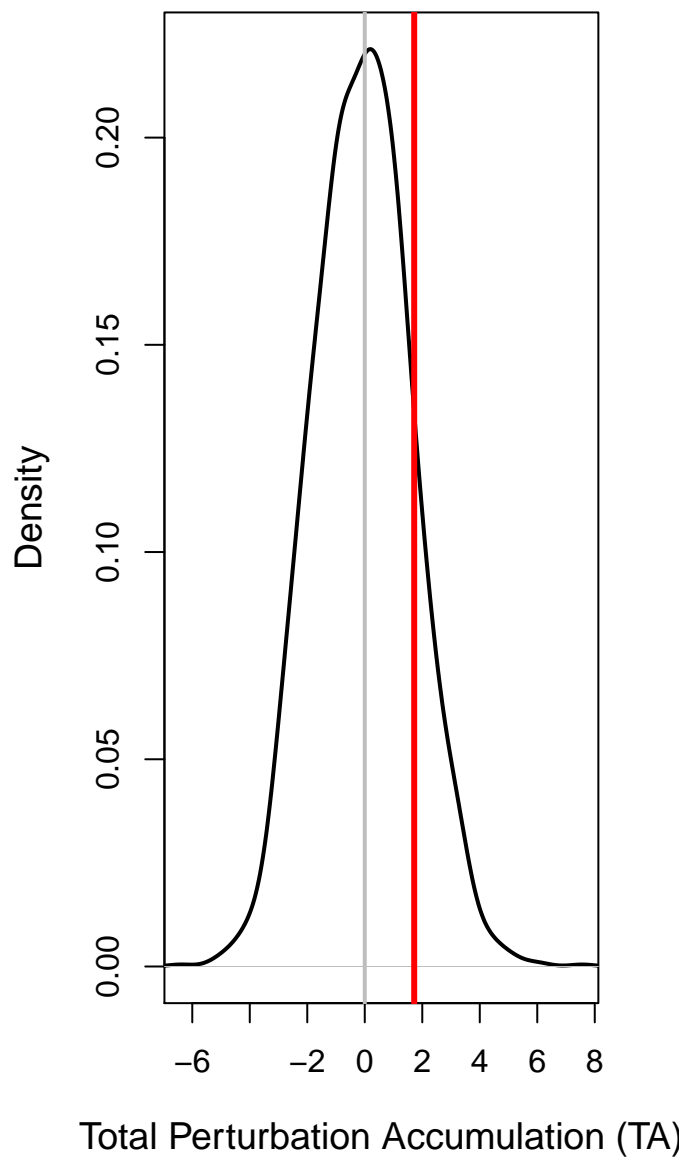
pathway ID=05216 P PERT=0.227



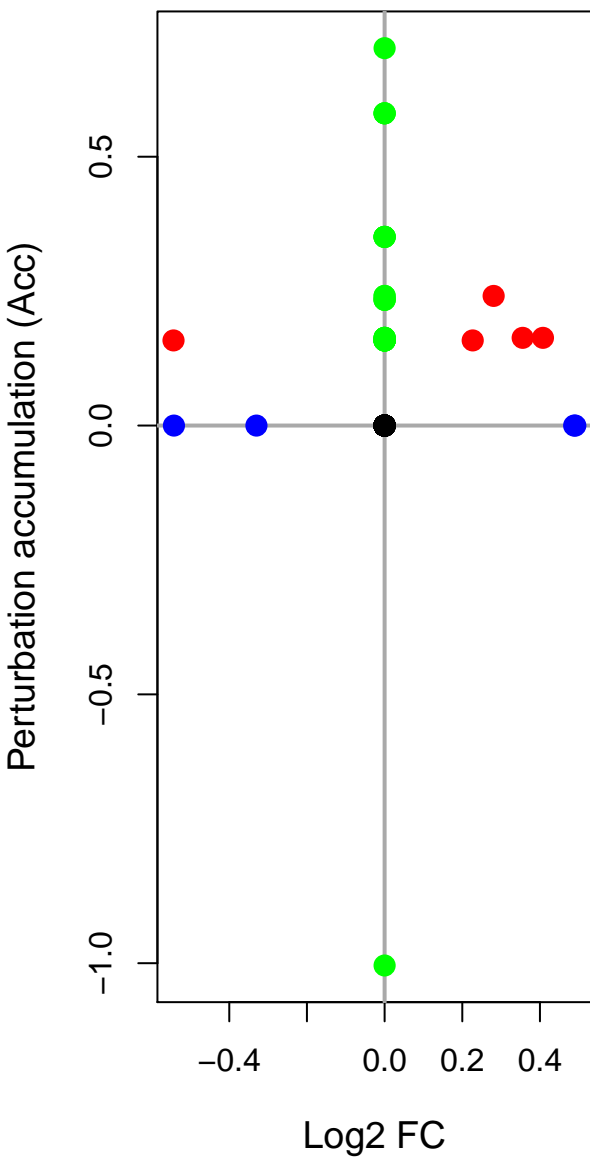
pathway ID=05217



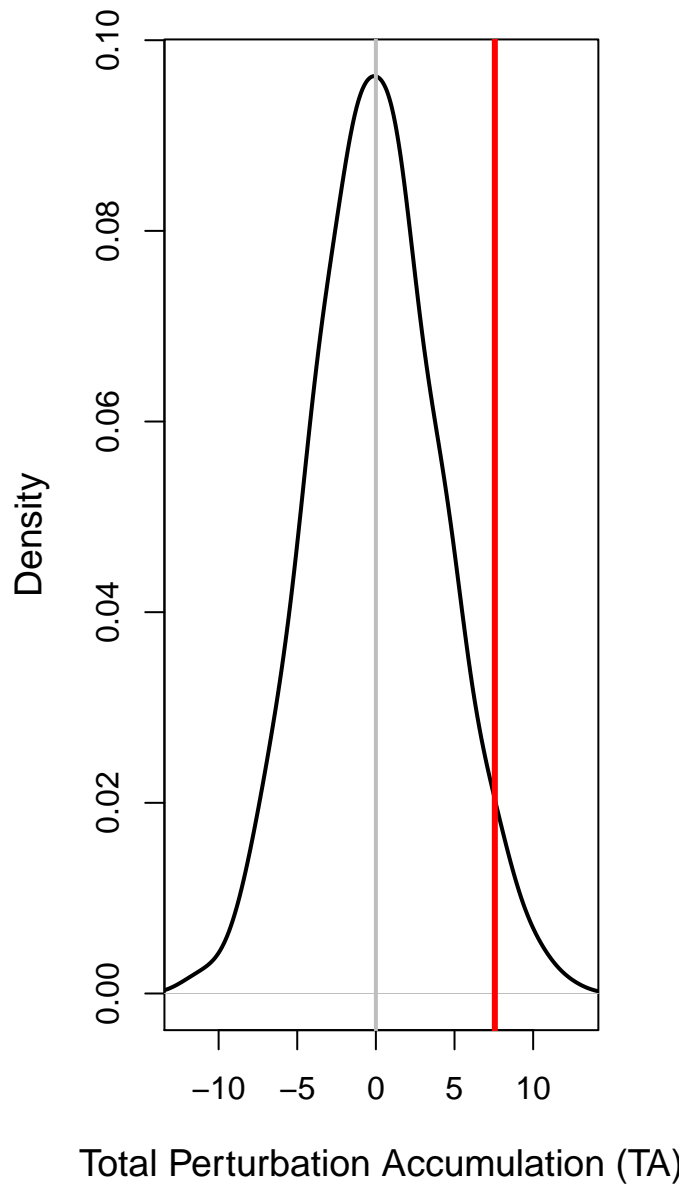
pathway ID=05217 P PERT=0.283



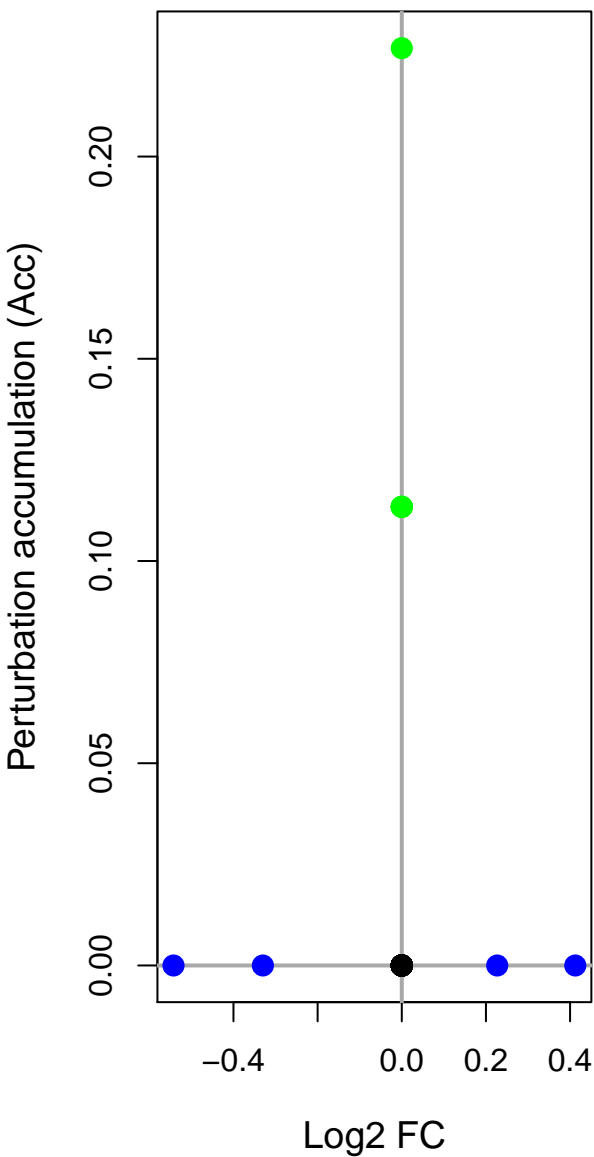
pathway ID=05218



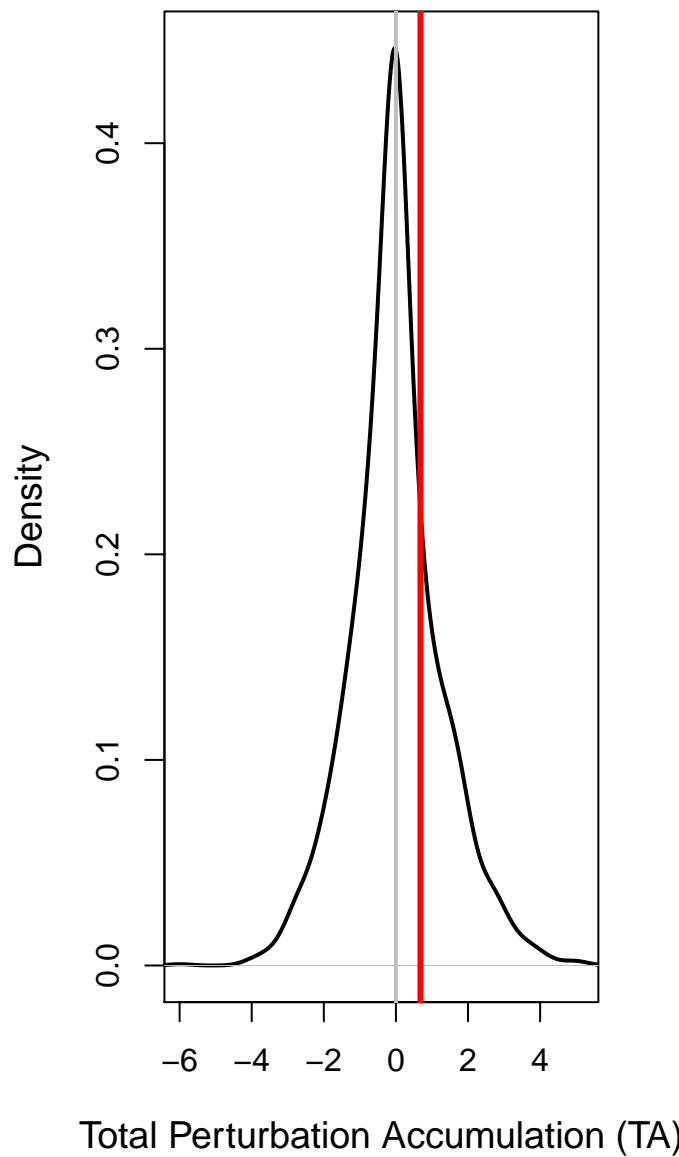
pathway ID=05218 P PERT=0.073



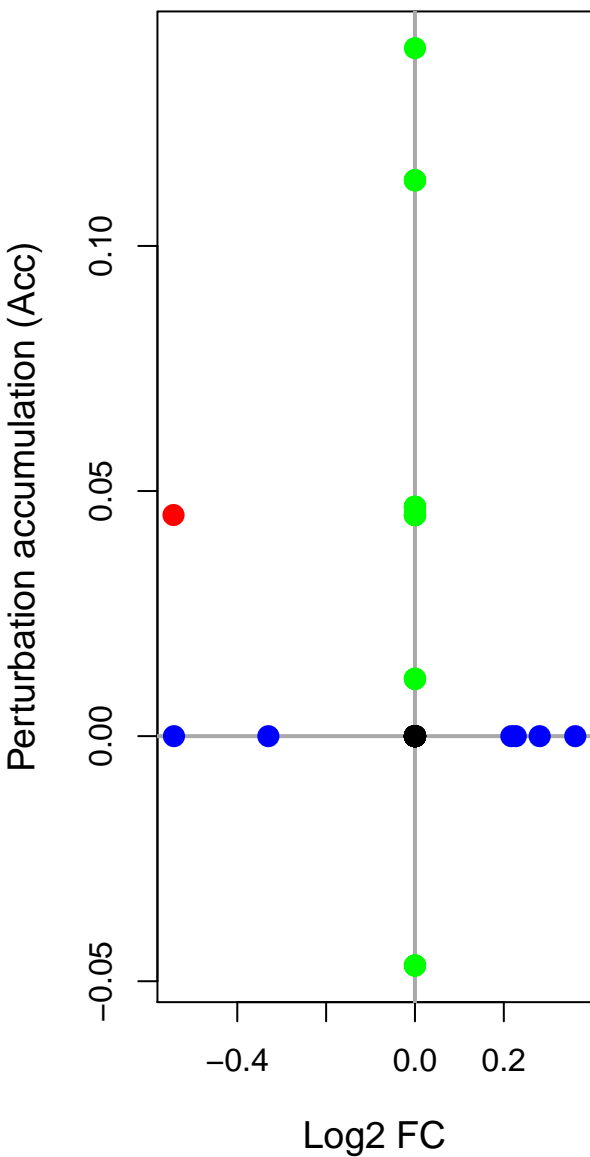
pathway ID=05219



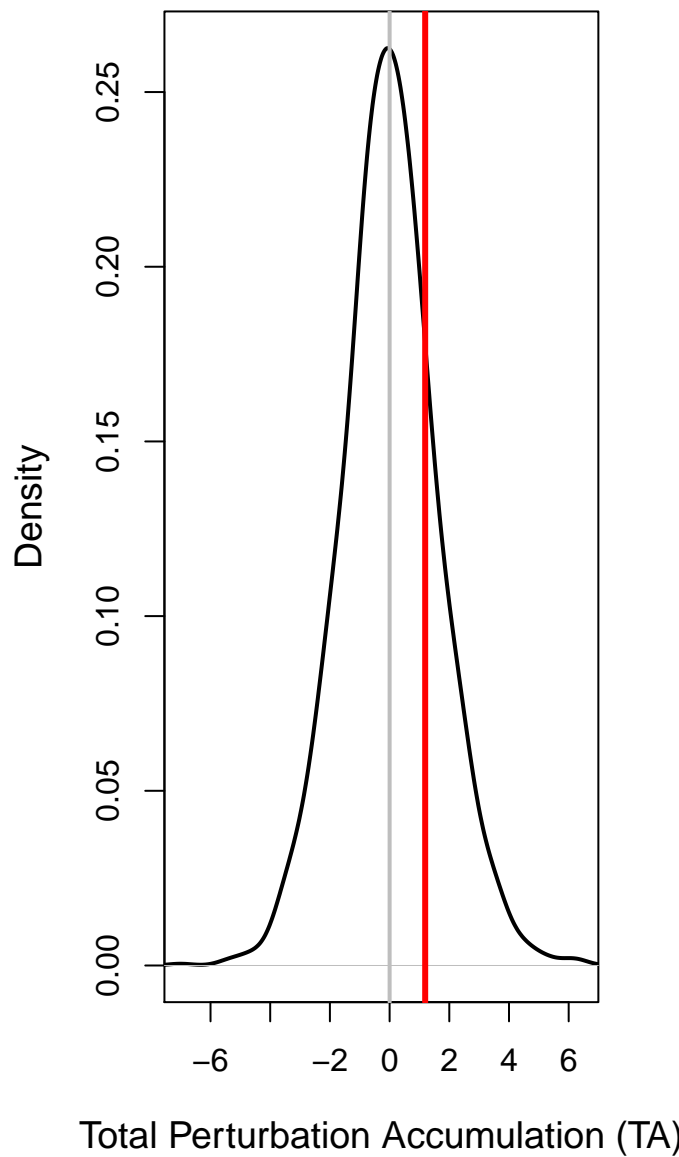
pathway ID=05219 P PERT=0.471



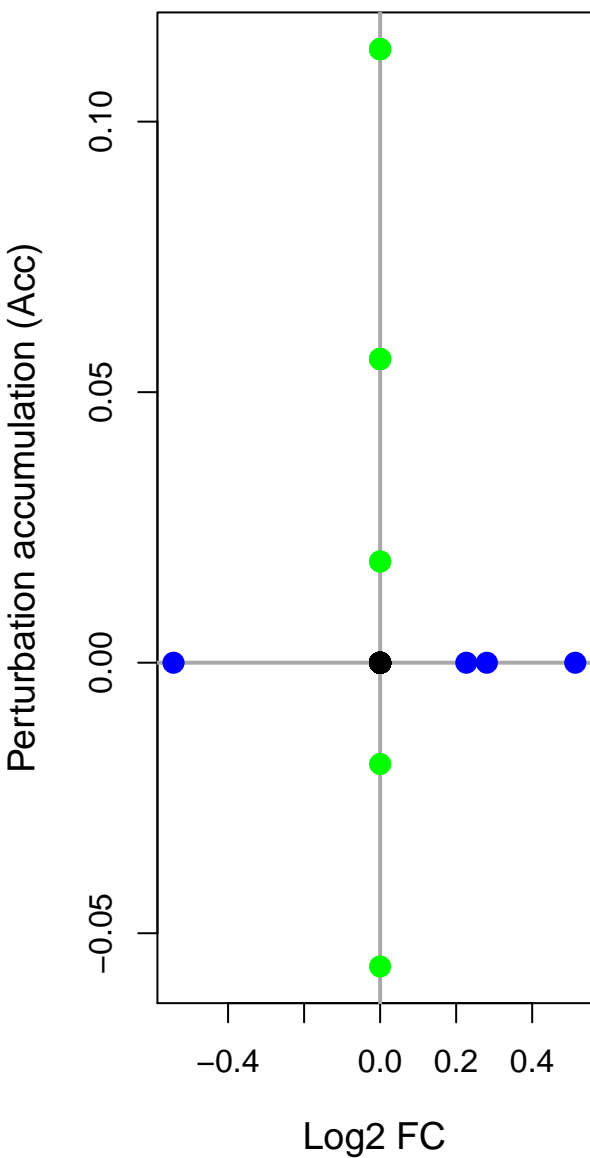
pathway ID=05220



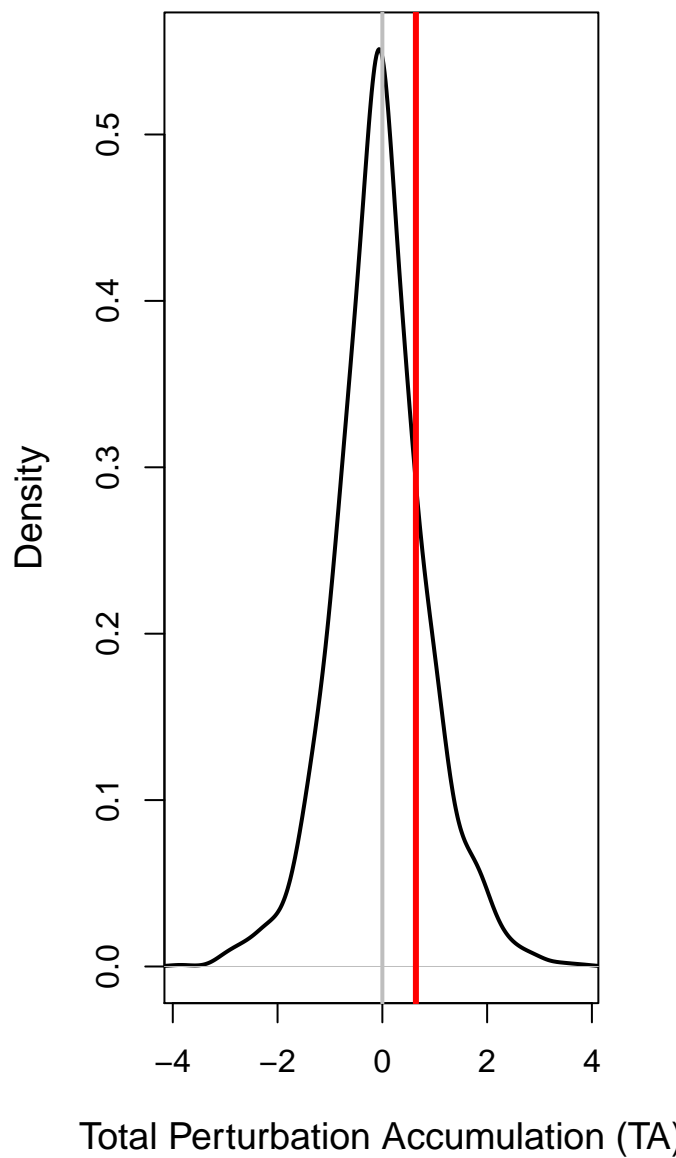
pathway ID=05220 P PERT=0.426



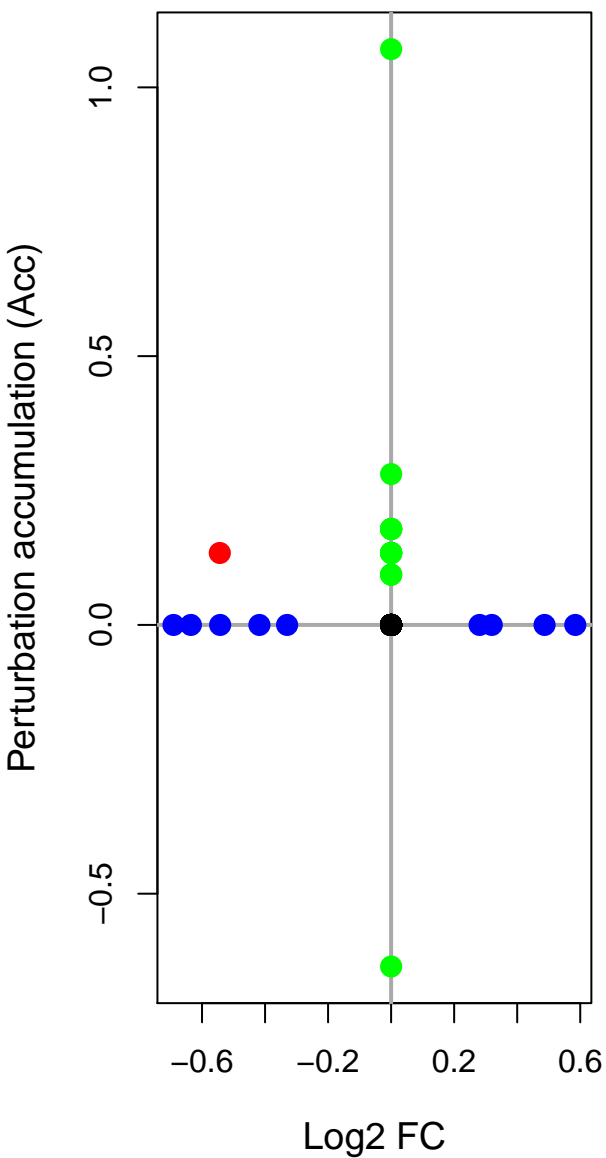
pathway ID=05221



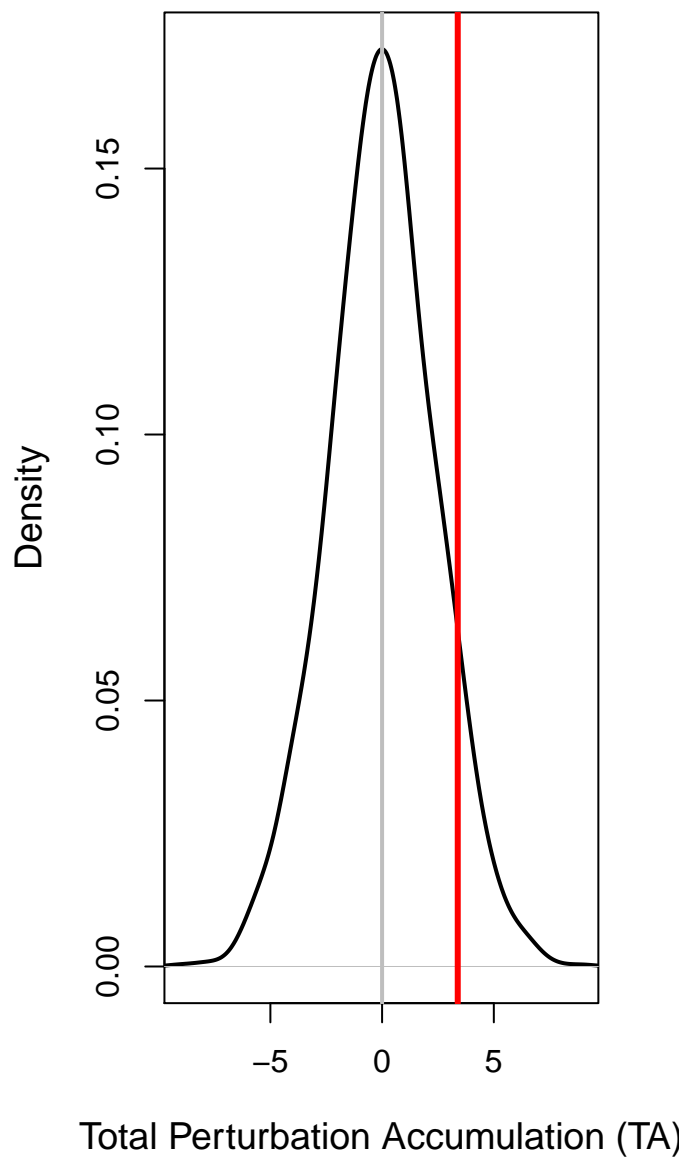
pathway ID=05221 P PERT=0.386



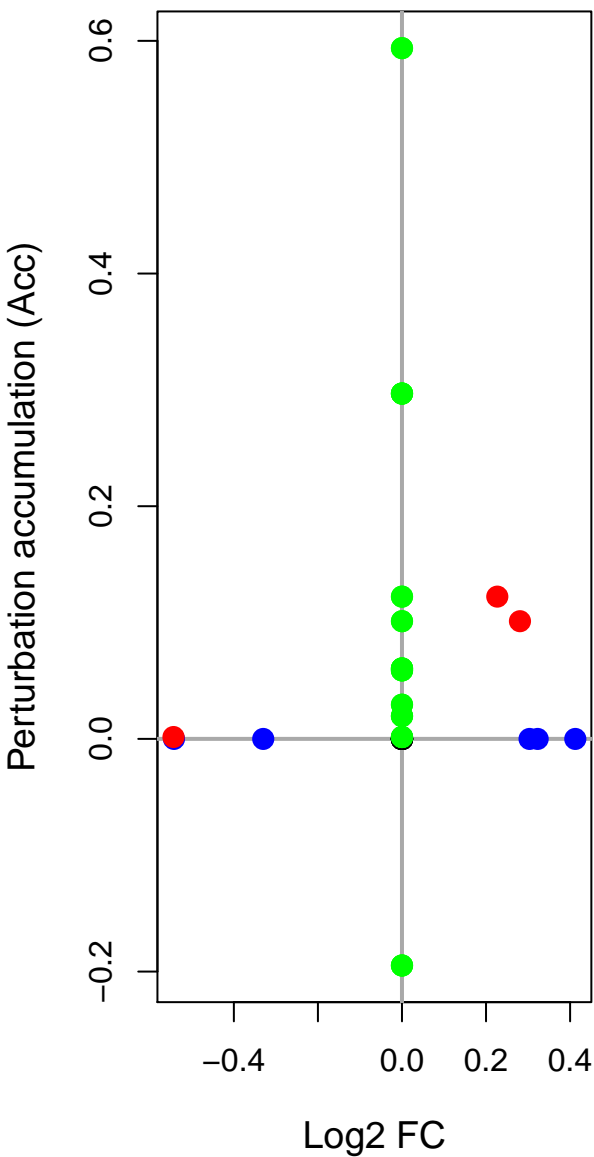
pathway ID=05222



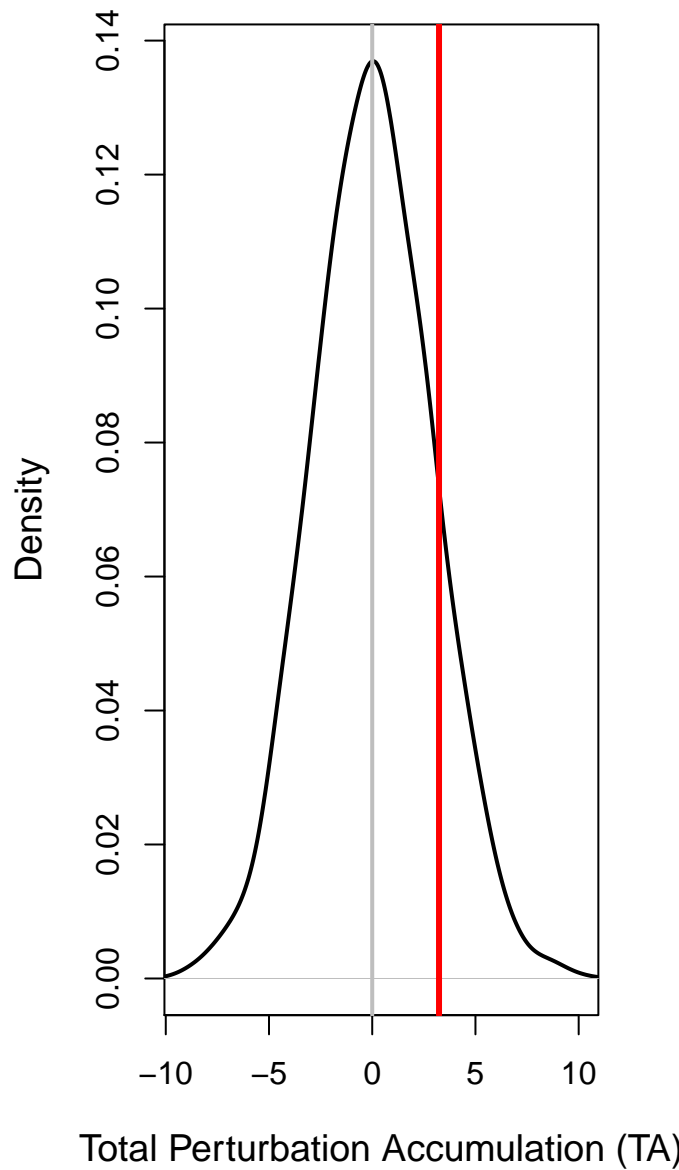
pathway ID=05222 P PERT=0.158



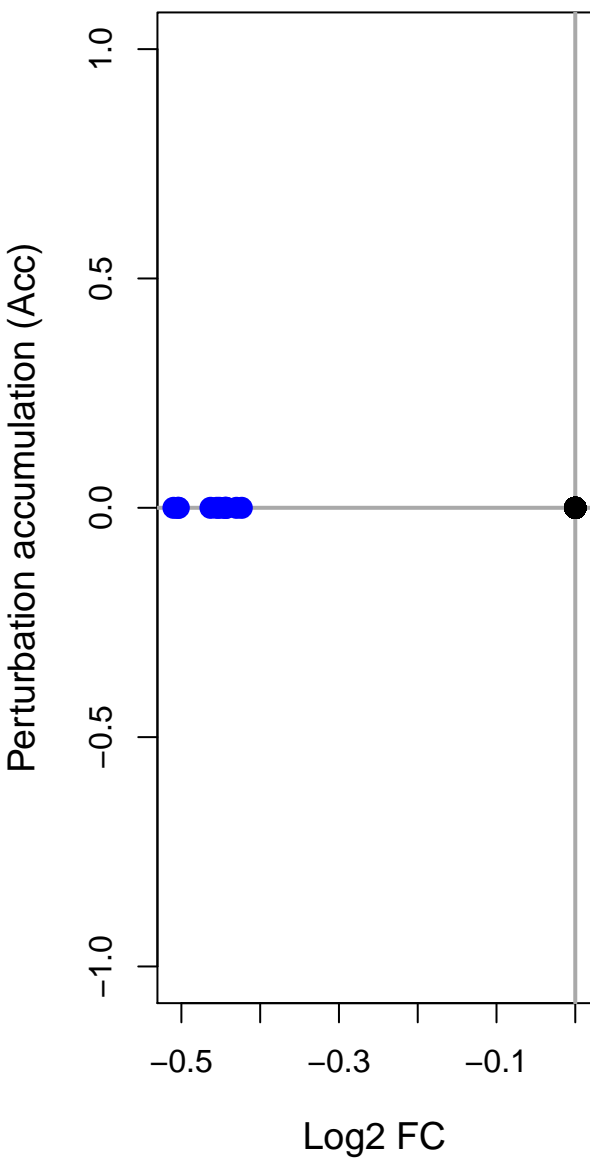
pathway ID=05223



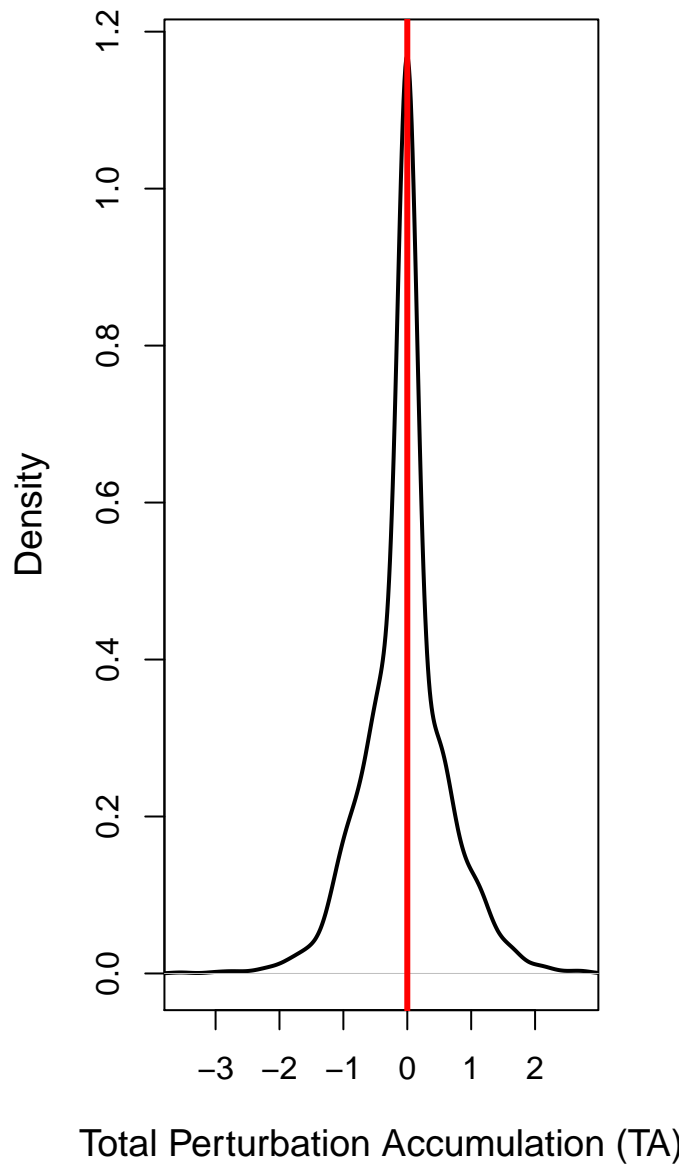
pathway ID=05223 P PERT=0.262



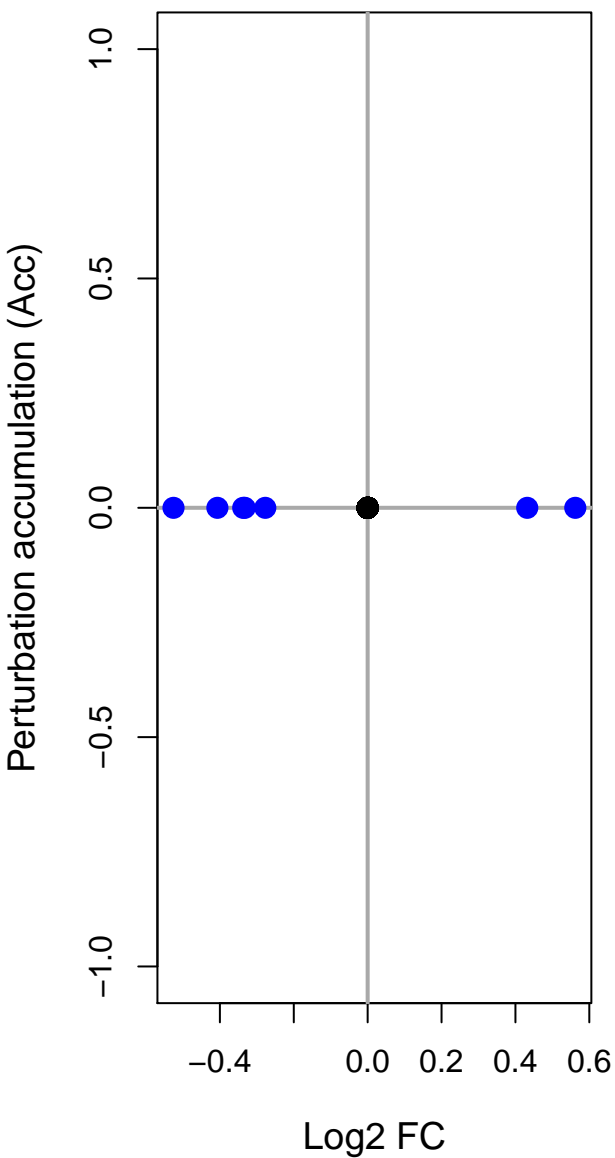
pathway ID=05322



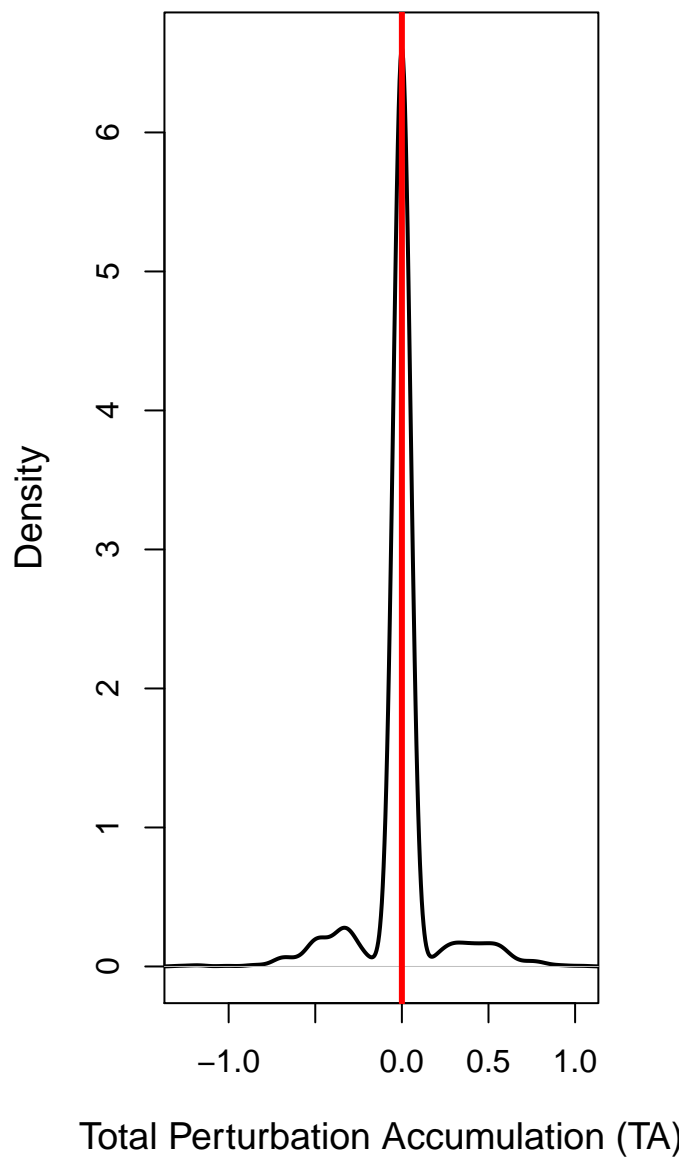
pathway ID=05322 P PERT=1



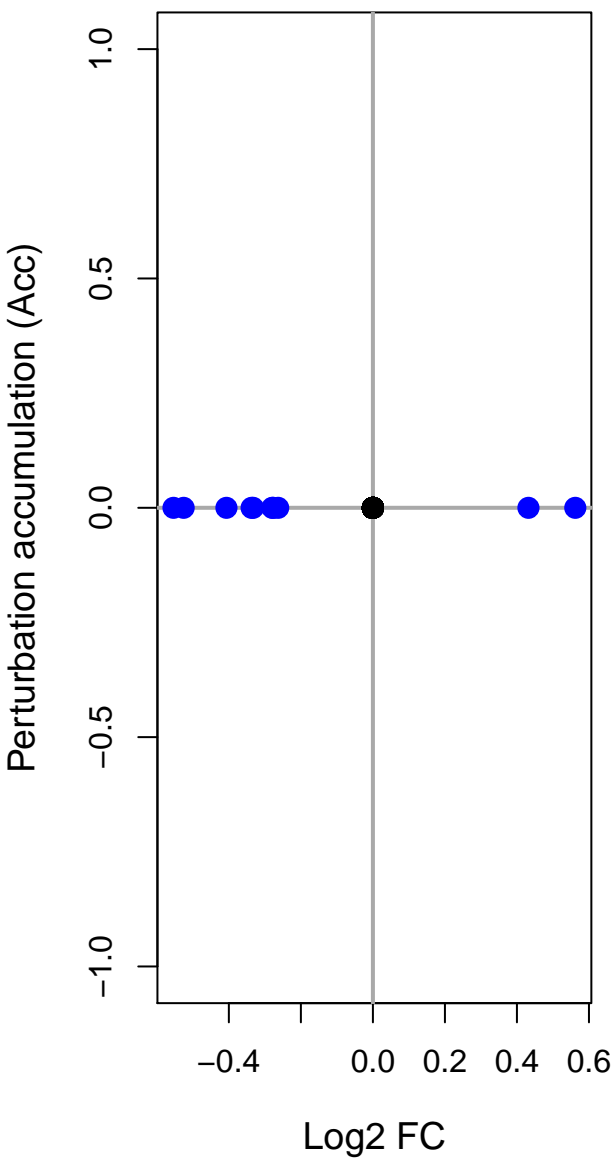
pathway ID=05412



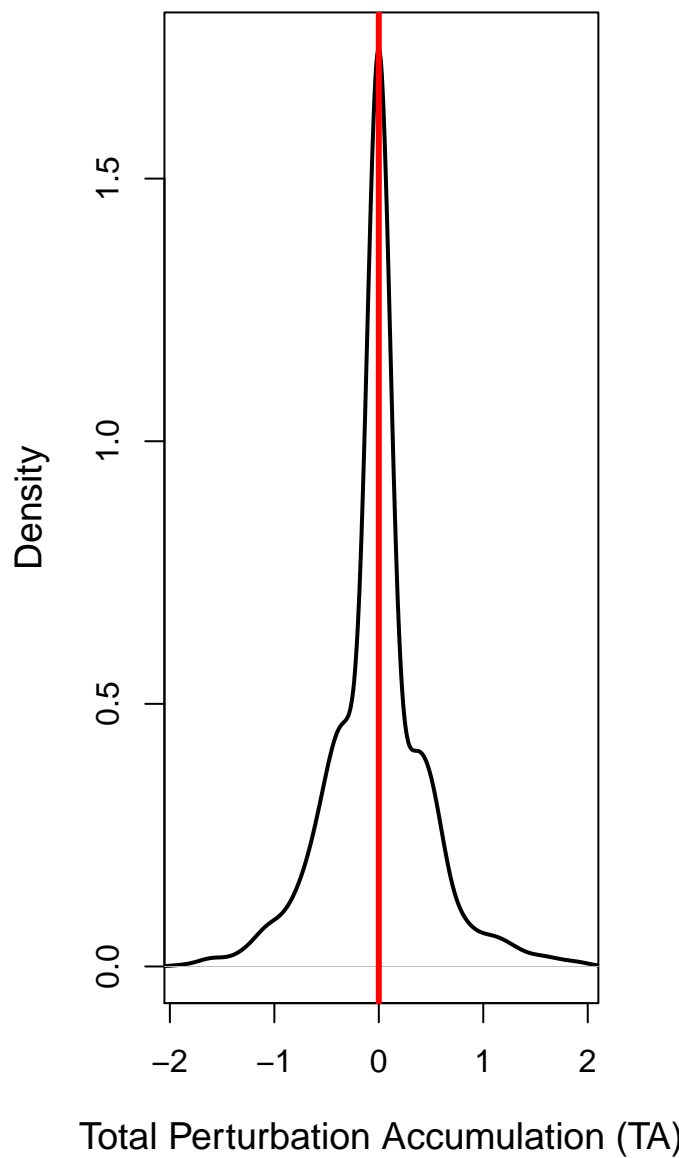
pathway ID=05412 P PERT=1



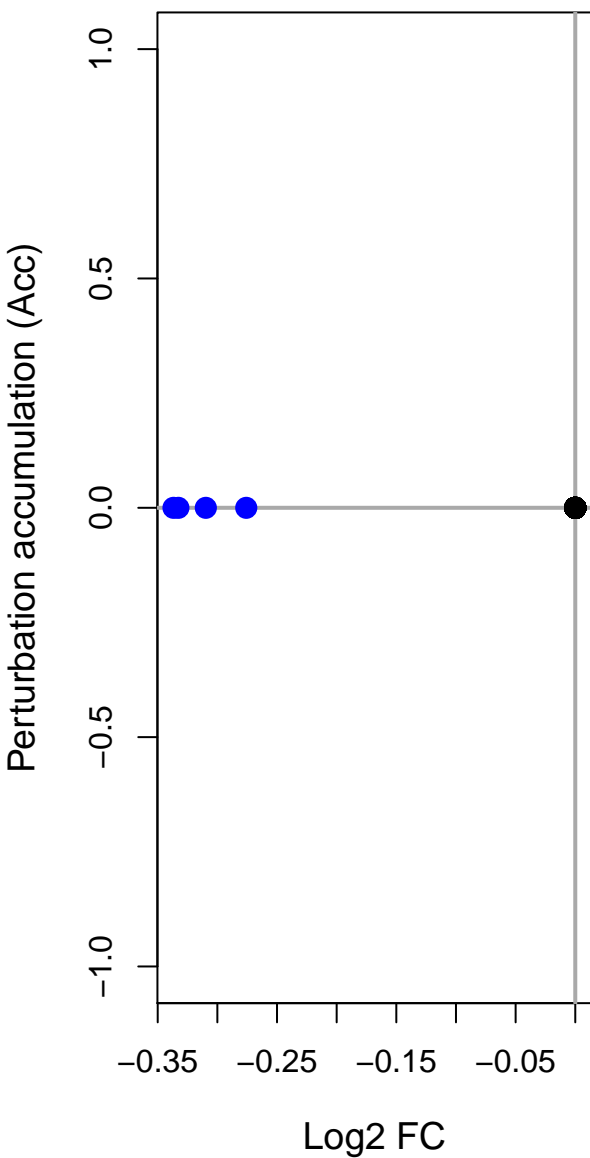
pathway ID=05414



pathway ID=05414 P PERT=1



pathway ID=05416



pathway ID=05416 P PERT=1

