Supplemental Table 1. Calculation of individual drug scores for COXEN

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Met.bm | Met.coef | Vbl.bm | Vbl.coef | Adr.bm | Adr.coef | Cis.bm | Cis.coef |
| intercept | 0.588484 | intercept | -3.90681 | intercept | -1.61091 | intercept | 2.758824 |
| 221544\_s\_at | -0.0786 | 201243\_s\_at | 0.028988 | 209993\_at | 0.004639 | 204019\_s\_at | 0.012632 |
| 216979\_at | 0.031839 | 210652\_s\_at | 0.060823 | 209994\_s\_at | -0.00312 | 212338\_at | 0.039684 |
| 202831\_at | 0.02569 | 213666\_at | -0.03358 | 207558\_s\_at | -0.06859 | 210822\_at | 0.019383 |
| 208352\_x\_at | -0.00536 | 201242\_s\_at | 0.020263 | 209484\_s\_at | 0.016239 | 203256\_at | -0.02919 |
| 219919\_s\_at | 0.269171 | 214298\_x\_at | -0.04195 | 218228\_s\_at | 0.004598 | 210642\_at | 0.11614 |
| 218904\_s\_at | -0.1344 | 212414\_s\_at | -0.04699 | 203919\_at | 0.0557 | 202931\_x\_at | -0.01412 |
| 222288\_at | 0.177238 | 204236\_at | -0.05139 | 202671\_s\_at | 0.032882 | 209462\_at | -0.00096 |
| 219456\_s\_at | 0.16332 | 208949\_s\_at | -0.00026 | 221825\_at | 0.000583 | 219010\_at | -0.03448 |
| 202759\_s\_at | 0.066617 | 212413\_at | -0.04033 | 206387\_at | 0.060586 | 214439\_x\_at | -0.05363 |
| 218960\_at | 0.065391 | 204089\_x\_at | -0.09104 | 210004\_at | -0.01229 | 210201\_x\_at | -0.04372 |
| 204595\_s\_at | 0.137094 | 212312\_at | -0.03206 | 208617\_s\_at | 0.06191 | 216271\_x\_at | 0.010182 |
| 220416\_at | -0.11156 | 201131\_s\_at | 0.032546 | 209904\_at | 0.073563 | 212418\_at | 0.021702 |
| 206818\_s\_at | 0.127079 | 214433\_s\_at | 0.061684 | 216590\_at | -0.06182 | 31874\_at | 0.046729 |
| 207200\_at | 0.0711 | 214091\_s\_at | 0.007347 | 220294\_at | -0.00095 | 203581\_at | 0.091013 |
| 201234\_at | 0.274683 | 204639\_at | -0.05982 | 203787\_at | -0.04787 | 210202\_s\_at | -0.05395 |
| 220220\_at | -0.16479 | 218693\_at | 0.019298 | 206109\_at | 0.03104 | 214755\_at | 0.019997 |
| 205578\_at | -0.04904 | 78383\_at | -0.03365 | 202911\_at | -0.05497 | 212543\_at | -0.00229 |
| 216573\_at | 0.039001 | 201341\_at | 0.002579 | 201743\_at | -0.06346 | 217744\_s\_at | 0.008282 |
| 204043\_at | 0.188609 | 206665\_s\_at | 0.025106 | 213555\_at | -0.03273 | 217939\_s\_at | -0.01862 |
| 206276\_at | 0.160401 | 203824\_at | 0.03599 | 210829\_s\_at | -0.06094 | 215243\_s\_at | 0.029424 |
|  |  | 201596\_x\_at | 0.013814 | 218534\_s\_at | -0.06462 | 215623\_x\_at | -0.01054 |
|  |  | 221979\_at | -0.04337 | 222202\_at | 0.01776 | 212962\_at | -0.02205 |
|  |  | 219573\_at | 0.039361 | 201067\_at | -0.04246 | 204989\_s\_at | -0.01186 |
|  |  | 201302\_at | 0.005673 | 208788\_at | -0.06924 | 202826\_at | 0.040519 |
|  |  | 209498\_at | 0.032811 | 216525\_x\_at | 0.0342 | 213349\_at | -0.00243 |
|  |  | 209212\_s\_at | -0.00289 | 205778\_at | -0.03102 | 205847\_at | 0.001474 |
|  |  | 204228\_at | -0.02897 | 221794\_at | 0.060784 | 206963\_s\_at | 0.042638 |
|  |  | 217744\_s\_at | 0.020526 | 216843\_x\_at | 0.044496 | 216789\_at | 0.019019 |
|  |  | 203267\_s\_at | 0.016841 | 207121\_s\_at | -0.00203 | 211778\_s\_at | 0.010508 |
|  |  | 203343\_at | 0.021331 | 205531\_s\_at | 0.006288 | 200668\_s\_at | 0.044656 |
|  |  | 209008\_x\_at | 0.004607 | 208776\_at | 0.009163 | 212508\_at | 0.061513 |
|  |  | 205885\_s\_at | -0.03652 | 221003\_s\_at | 0.01875 | 44702\_at | -0.01301 |
|  |  | 209211\_at | 3.13E-05 | 218585\_s\_at | -0.02103 | 214643\_x\_at | -0.02075 |
|  |  | 218370\_s\_at | -0.03284 | 201891\_s\_at | -0.02342 | 221027\_s\_at | -0.04372 |
|  |  | 216199\_s\_at | -0.09751 | 207525\_s\_at | 0.065662 | 206661\_at | 0.007409 |
|  |  | 203298\_s\_at | -0.01989 | 217485\_x\_at | 0.029062 |  |  |
|  |  | 221656\_s\_at | 0.035062 | 221610\_s\_at | 0.035018 |  |  |
|  |  | 203953\_s\_at | 0.035063 | 206855\_s\_at | -0.05286 |  |  |
|  |  | 215037\_s\_at | 0.025114 | 55872\_at | 0.064928 |  |  |
|  |  | 213848\_at | -0.05267 | 205490\_x\_at | 0.0316 |  |  |
|  |  | 201411\_s\_at | 0.005161 |  |  |  |  |
|  |  | 210835\_s\_at | 0.030095 |  |  |  |  |
|  |  | 219508\_at | 0.011868 |  |  |  |  |
|  |  | 218035\_s\_at | 0.005943 |  |  |  |  |
|  |  | 215807\_s\_at | 0.018076 |  |  |  |  |
|  |  | 217936\_at | 0.04907 |  |  |  |  |
|  |  | 211026\_s\_at | -0.02512 |  |  |  |  |
|  |  | 212444\_at | -0.00713 |  |  |  |  |
|  |  | 221125\_s\_at | 0.014791 |  |  |  |  |
|  |  | 212967\_x\_at | -0.02785 |  |  |  |  |
|  |  | 209238\_at | 0.023373 |  |  |  |  |
|  |  | 203557\_s\_at | 0.039803 |  |  |  |  |
|  |  | 209641\_s\_at | -0.0161 |  |  |  |  |
|  |  | 209163\_at | 0.020478 |  |  |  |  |
|  |  | 201301\_s\_at | 0.002243 |  |  |  |  |
|  |  | 203108\_at | -0.00674 |  |  |  |  |
|  |  | 209164\_s\_at | 0.015379 |  |  |  |  |
|  |  | 220189\_s\_at | 0.000665 |  |  |  |  |
|  |  | 208161\_s\_at | -0.02043 |  |  |  |  |
|  |  | 201340\_s\_at | -0.00508 |  |  |  |  |