**SUPPLEMENTAL DIGITAL CONTENT (SDC)**

Supplemental Digital Content of <https://doi.org/10.17392/1739-21-02>.

By plotting statistical significance (the adjusted p value and the spot identifi-er), a volcano diagram showed differentially expressed 10 genes in 12 samples (-log10 p value) vs the magni-tude of change (log2 fold change).

The first graphic below shows the p-values for the genes together with the LogFC values. The second figure includes all p-values as well as T and B values for all genes being studied. The final table comprises all of the information for the 250 genes for which a thorough study was conducted. All of these findings are contained in the Supplemental content.

1. Supplemented figure (1)



**Supplemented figure 1. the p-values for the genes together with the LogFC values**

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**Supplemented figure 2. all p-values as well as T and B values for all genes being studied**

The final table comprises all of the information for the 250 genes for which a thorough study was conducted.

1. Top of Form
2. Top of Form
3. Bottom of Form
4. Bottom of Form

| **ID** | **adj.P.Val** | **P.Value** | **t** | **B** | **logFC** | **RANGE\_GB** | **RANGE\_START** | **RANGE\_END** | **RANGE\_STRAND** | **GB\_ACC** | **ORF** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| cg21988465 | 0.513 | 0.0000189 | -5.34 | 1.871 | -0.02361 | NC\_000020.9 | 56862299 | 56864797 | + | NT\_011362.9 | 2778 |
| cg25708912 | 1 | 0.0002248 | -4.35 | -0.607 | -0.0275 | NC\_000023.9 | 44588084 | 44588938 | + | NM\_022076.2 | 63904 |
| cg24450631 | 1 | 0.0002523 | -4.31 | -0.723 | -0.02474 | NC\_000003.10 | 187023620 | 187027323 | - | NM\_001007225.1 | 10644 |
| cg01346718 | 1 | 0.0002883 | 4.25 | -0.855 | 0.06339 | NC\_000022.9 | 37042456 | 37043961 | - | NM\_001894.4 | 1454 |
| cg22621695 | 1 | 0.0003305 | -4.2 | -0.991 | -0.03026 | NC\_000012.10 | 66327584 | 66330588 | + | NM\_003583.2 | 8445 |
| cg18602811 | 1 | 0.0003392 | -4.19 | -1.016 | -0.01234 | NC\_000003.10 | 32586545 | 32587940 | - | NM\_016141.1 | 51143 |
| cg22901840 | 1 | 0.0003686 | -4.16 | -1.099 | -0.05795 | NC\_000001.9 | 68285082 | 68285689 | - | NT\_032977.8 | 9077 |
| cg14672680 | 1 | 0.0004352 | -4.09 | -1.263 | -0.01215 | NC\_000011.8 | 1816405 | 1816646 | + | NM\_003282.2 | 7136 |
| cg25162794 | 1 | 0.0005479 | -4 | -1.491 | -0.01685 |  | NA | NA |  | NM\_144994.6 | 200539 |
| cg08028004 | 1 | 0.0005646 | -3.99 | -1.52 | -0.05564 | NC\_000002.10 | 108701097 | 108703275 | + | NM\_006267.3 | 5903 |
| cg21625881 | 1 | 0.0005812 | -3.97 | -1.549 | -0.01991 | NC\_000020.9 | 56862299 | 56864797 | + | NT\_011362.9 | 2778 |
| cg15364618 | 1 | 0.0006043 | -3.96 | -1.588 | -0.15951 | NC\_000014.7 | 23849666 | 23850814 | - | NM\_014430.1 | 27141 |
| cg13226172 | 1 | 0.0006851 | -3.91 | -1.711 | -0.01041 | NC\_000009.10 | 34578557 | 34580668 | - | NM\_001842.3 | 1271 |
| cg23829949 | 1 | 0.0007307 | -3.88 | -1.775 | -0.04105 |  | NA | NA |  | NM\_006352.3 | 10472 |
| cg14058998 | 1 | 0.0007554 | -3.87 | -1.808 | -0.00848 | NC\_000019.8 | 52972800 | 52974272 | + | NM\_003009.2 | 6415 |
| cg20091959 | 1 | 0.0008188 | -3.84 | -1.887 | -0.01494 | NC\_000020.9 | 41575847 | 41576201 | + | NM\_015478.4 | 26013 |
| cg13514129 | 1 | 0.0008559 | -3.82 | -1.931 | -0.02841 | NC\_000001.9 | 39319056 | 39320676 | + | NM\_033044.2 | 23499 |
| cg21375825 | 1 | 0.0010289 | -3.75 | -2.111 | -0.02152 |  | NA | NA |  | NM\_002299.2 | 3938 |
| cg20795401 | 1 | 0.0011252 | -3.71 | -2.199 | -0.02614 | NC\_000002.10 | 173000134 | 173001903 | + | NM\_000210.1 | 3655 |
| cg25736482 | 1 | 0.0012684 | 3.66 | -2.317 | 0.0728 | NC\_000019.8 | 59368866 | 59369172 | - | NM\_144686.1 | 147798 |
| cg23506842 | 1 | 0.0013029 | 3.65 | -2.343 | 0.03955 |  | NA | NA |  | NM\_002832.2 | 5778 |
| cg12820481 | 1 | 0.0015564 | -3.58 | -2.517 | -0.00973 | NC\_000001.9 | 209915094 | 209916382 | - | NM\_002497.2 | 4751 |
| cg18292394 | 1 | 0.0015671 | -3.58 | -2.523 | -0.08709 |  | NA | NA |  | NM\_000429.2 | 4143 |
| cg21596317 | 1 | 0.001906 | -3.5 | -2.714 | -0.00882 | NC\_000005.8 | 102229329 | 102229978 | + | NM\_138766.1 | 5066 |
| cg26153642 | 1 | 0.0019383 | -3.49 | -2.731 | -0.01133 | NC\_000003.10 | 185300902 | 185301118 | + | NM\_182589.2 | 285242 |
| cg21416237 | 1 | 0.002129 | -3.45 | -2.822 | -0.00711 |  | NA | NA |  | NM\_021939.2 | 60681 |
| cg10401088 | 1 | 0.0022393 | 3.43 | -2.871 | 0.03224 |  | NA | NA |  | NM\_002345.3 | 4060 |
| cg17761453 | 1 | 0.0022996 | -3.42 | -2.897 | -0.01838 |  | NA | NA |  | NM\_000427.1 | 4014 |
| cg21808053 | 1 | 0.0023628 | -3.41 | -2.923 | -0.05499 | NC\_000001.9 | 68285082 | 68285689 | - | NT\_032977.8 | 9077 |
| cg01246254 | 1 | 0.0025386 | -3.38 | -2.993 | -0.01556 | NC\_000010.9 | 124123816 | 124125223 | + | NM\_021622.3 | 59338 |
| cg04744379 | 1 | 0.0025547 | -3.38 | -2.999 | -0.02946 |  | NA | NA |  | NM\_023006.1 | 55554 |
| cg20981615 | 1 | 0.0025994 | -3.37 | -3.016 | -0.05769 |  | NA | NA |  | NM\_003328.1 | 7294 |
| cg16753209 | 1 | 0.0026414 | -3.36 | -3.032 | -0.03142 |  | NA | NA |  | NM\_004543.2 | 4703 |
| cg06330621 | 1 | 0.0026918 | -3.35 | -3.05 | -0.05311 | NC\_000016.8 | 86081665 | 86084844 | - | NM\_015144.1 | 23174 |
| cg18130069 | 1 | 0.0026965 | -3.35 | -3.052 | -0.01548 |  | NA | NA |  | NM\_002926.2 | 6002 |
| cg19979773 | 1 | 0.0027109 | -3.35 | -3.057 | -0.01528 | NC\_000001.9 | 27575069 | 27575281 | - | NM\_003665.2 | 8547 |
| cg15154229 | 1 | 0.0027539 | -3.35 | -3.072 | -0.02464 |  | NA | NA |  | NM\_001868.1 | 1357 |
| cg09558850 | 1 | 0.0028047 | -3.34 | -3.09 | -0.05234 | NC\_000007.12 | 93357211 | 93358411 | - | NM\_006528.2 | 7980 |
| cg17460386 | 1 | 0.0028885 | -3.33 | -3.118 | -0.02594 |  | NA | NA |  | NM\_005449.3 | 9214 |
| cg25945303 | 1 | 0.0029396 | -3.32 | -3.135 | -0.00598 | NC\_000010.9 | 3816726 | 3818262 | - | NM\_001008490.1 | 1316 |
| cg13739345 | 1 | 0.0029609 | -3.32 | -3.142 | -0.01207 | NC\_000009.10 | 19092346 | 19094467 | - | NM\_017645.3 | 54801 |
| cg25820971 | 1 | 0.0030077 | -3.31 | -3.157 | -0.01245 | NC\_000014.7 | 20921271 | 20922753 | - | NM\_007192.2 | 11198 |
| cg07548313 | 1 | 0.0030613 | -3.3 | -3.175 | -0.0463 |  | NA | NA |  | NM\_001765.1 | 911 |
| cg04498511 | 1 | 0.0031759 | -3.29 | -3.21 | -0.01428 |  | NA | NA |  | NM\_014827.3 | 9877 |
| cg12967560 | 1 | 0.0032497 | -3.28 | -3.232 | -0.00906 | NC\_000015.8 | 98090260 | 98092117 | - | NM\_152449.2 | 145748 |
| cg20357806 | 1 | 0.0034614 | -3.25 | -3.293 | -0.03891 |  | NA | NA |  | NM\_002704.2 | 5473 |
| cg26922202 | 1 | 0.0035298 | -3.24 | -3.312 | -0.0567 |  | NA | NA |  | NM\_019897.1 | 56656 |
| cg04457051 | 1 | 0.0035885 | -3.24 | -3.328 | -0.02158 |  | NA | NA |  | NM\_032547.1 | 60592 |
| cg22227689 | 1 | 0.0036159 | 3.23 | -3.336 | 0.00656 | NC\_000017.9 | 52410127 | 52410744 | + | NM\_021626.1 | 59342 |
| cg07880715 | 1 | 0.0036524 | -3.23 | -3.345 | -0.0268 | NC\_000013.9 | 47792306 | 47793951 | + | NT\_024524.13 | 5925 |
| cg19098314 | 1 | 0.0036655 | 3.23 | -3.349 | 0.01898 | NC\_000017.9 | 25828274 | 25829130 | + | NM\_001007024.1 | 9527 |
| cg02880176 | 1 | 0.0036902 | -3.22 | -3.355 | -0.06841 | NC\_000017.9 | 17049380 | 17050976 | - | NM\_178836.2 | 201164 |
| cg27183007 | 1 | 0.003791 | 3.21 | -3.381 | 0.03268 | NC\_000007.12 | 50103013 | 50103606 | - | NM\_007009.1 | 11055 |
| cg24523456 | 1 | 0.0038745 | -3.2 | -3.402 | -0.02292 | NC\_000021.7 | 37283461 | 37285036 | - | NM\_000411.4 | 3141 |
| cg15665653 | 1 | 0.0038989 | -3.2 | -3.408 | -0.01475 | NC\_000001.9 | 27433187 | 27434457 | + | NM\_015023.2 | 23038 |
| cg13386884 | 1 | 0.0039066 | -3.2 | -3.41 | -0.01364 | NC\_000011.8 | 439016 | 441307 | + | NM\_030783.1 | 81490 |
| cg25814686 | 1 | 0.0039974 | -3.19 | -3.432 | -0.01028 | NC\_000008.9 | 144442733 | 144445591 | + | NM\_030895.1 | 79943 |
| cg12724357 | 1 | 0.004158 | 3.17 | -3.47 | 0.03241 | NC\_000011.8 | 66546786 | 66547990 | + | NM\_177963.2 | 91683 |
| cg27649653 | 1 | 0.0042457 | -3.17 | -3.49 | -0.02242 | NC\_000019.8 | 63481465 | 63482893 | + | NM\_021089.1 | 7554 |
| cg15379858 | 1 | 0.0043084 | 3.16 | -3.504 | 0.05794 |  | NA | NA |  | NM\_018371.3 | 55790 |
| cg02690554 | 1 | 0.0043218 | -3.16 | -3.507 | -0.02441 | NC\_000023.9 | 71444330 | 71444667 | - | NM\_004143.2 | 4435 |
| cg23843505 | 1 | 0.0043759 | -3.15 | -3.519 | -0.03986 | NC\_000020.9 | 41728220 | 41729819 | + | NM\_002466.2 | 4605 |
| cg02119982 | 1 | 0.0043799 | -3.15 | -3.52 | -0.02497 |  | NA | NA |  | NM\_022162.1 | 64127 |
| cg25307081 | 1 | 0.0043818 | -3.15 | -3.521 | -0.01538 | NC\_000016.8 | 48959445 | 48960815 | - | NM\_013263.2 | 29117 |
| cg21457147 | 1 | 0.0044089 | -3.15 | -3.527 | -0.02103 |  | NA | NA |  | NM\_198404.1 | 386618 |
| cg00134539 | 1 | 0.0044727 | -3.14 | -3.54 | -0.06991 |  | NA | NA |  | NM\_018961.2 | 53347 |
| cg14203179 | 1 | 0.0045448 | -3.14 | -3.556 | -0.03263 | NC\_000020.9 | 56862299 | 56864797 | + | NT\_011362.9 | 2778 |
| cg02564733 | 1 | 0.0046185 | -3.13 | -3.571 | -0.01555 | NC\_000011.8 | 129823345 | 129825565 | + | NM\_139055.1 | 170689 |
| cg03085377 | 1 | 0.0046407 | -3.13 | -3.576 | -0.04609 | NC\_000013.9 | 47790461 | 47792049 | + | NT\_024524.13 | 5925 |
| cg19236727 | 1 | 0.0046699 | -3.13 | -3.582 | -0.03319 | NC\_000005.8 | 178219224 | 178220601 | + | NM\_058230.1 | 117608 |
| cg19845843 | 1 | 0.0047179 | -3.12 | -3.592 | -0.0258 | NC\_000023.9 | 18146563 | 18149630 | - | NM\_153346.2 | 139105 |
| cg16109297 | 1 | 0.0047198 | -3.12 | -3.592 | -0.02182 | NC\_000001.9 | 43596544 | 43597743 | + | NM\_001255.1 | 991 |
| cg12002314 | 1 | 0.0047481 | -3.12 | -3.598 | -0.00902 | NC\_000008.9 | 141589313 | 141591808 | + | NM\_017444.3 | 54108 |
| cg24546942 | 1 | 0.0047619 | -3.12 | -3.601 | -0.03153 |  | NA | NA |  | NM\_002974.1 | 6318 |
| cg25206802 | 1 | 0.0048061 | -3.11 | -3.609 | -0.01671 |  | NA | NA |  | NM\_014363.3 | 26278 |
| cg03943081 | 1 | 0.0049215 | -3.1 | -3.632 | -0.02553 | NC\_000010.9 | 132999115 | 133001206 | - | NM\_174937.1 | 256536 |
| cg09218130 | 1 | 0.005092 | -3.09 | -3.665 | -0.00769 | NC\_000012.10 | 130978620 | 130980898 | + | NM\_001002019.1 | 80324 |
| cg21602520 | 1 | 0.0051725 | -3.08 | -3.68 | -0.02941 | NC\_000018.8 | 59136000 | 59137100 | - | NT\_025028.13 | 596 |
| cg09242772 | 1 | 0.0052612 | -3.08 | -3.696 | -0.00601 | NC\_000018.8 | 75539789 | 75541988 | + | NM\_004715.3 | 9150 |
| cg24315860 | 1 | 0.005344 | -3.07 | -3.711 | -0.01251 | NC\_000007.12 | 104815356 | 104817256 | - | NM\_182691.1 | 6733 |
| cg03660451 | 1 | 0.005401 | -3.07 | -3.721 | -0.02304 |  | NA | NA |  | NM\_001003716.1 | 9400 |
| cg04167867 | 1 | 0.0054214 | -3.06 | -3.725 | -0.0102 | NC\_000003.10 | 110319373 | 110319935 | - | NM\_014429.2 | 27136 |
| cg26763524 | 1 | 0.0055191 | 3.06 | -3.742 | 0.01173 | NC\_000011.8 | 109805598 | 109806661 | + | NM\_004109.3 | 2230 |
| cg07732037 | 1 | 0.0055539 | -3.05 | -3.748 | -0.04128 |  | NA | NA |  | NM\_022782.2 | 10198 |
| cg18216249 | 1 | 0.0055812 | 3.05 | -3.753 | 0.02531 |  | NA | NA |  | NM\_024604.1 | 79657 |
| cg17503750 | 1 | 0.0056339 | -3.05 | -3.762 | -0.01833 |  | NA | NA |  | NM\_181612.1 | 337973 |
| cg24329717 | 1 | 0.0056544 | -3.05 | -3.765 | -0.00728 |  | NA | NA |  | NM\_002559.2 | 5024 |
| cg03789934 | 1 | 0.0057232 | -3.04 | -3.777 | -0.05068 |  | NA | NA |  | NM\_145007.1 | 204801 |
| cg03496289 | 1 | 0.005758 | -3.04 | -3.783 | -0.00905 | NC\_000019.8 | 10540024 | 10542468 | - | NM\_079421.2 | 1032 |
| cg16376234 | 1 | 0.0058773 | -3.03 | -3.802 | -0.00963 | NC\_000020.9 | 39090305 | 39091985 | + | NM\_003286.2 | 7150 |
| cg11275139 | 1 | 0.005878 | 3.03 | -3.802 | 0.00671 | NC\_000014.7 | 50203755 | 50205223 | - | NM\_021818.2 | 60485 |
| cg12610744 | 1 | 0.0059435 | -3.02 | -3.813 | -0.021 |  | NA | NA |  | NM\_002272.1 | 3851 |
| cg09530763 | 1 | 0.0060783 | 3.02 | -3.835 | 0.02107 | NC\_000011.8 | 118710043 | 118710906 | + | NM\_032015.3 | 79102 |
| cg15585987 | 1 | 0.006188 | -3.01 | -3.852 | -0.06112 |  | NA | NA |  | NM\_018967.2 | 54212 |
| cg16718891 | 1 | 0.0063618 | 3 | -3.878 | 0.00543 | NC\_000012.10 | 53098845 | 53099439 | - | NM\_002205.2 | 3678 |
| cg04217178 | 1 | 0.0063664 | -3 | -3.879 | -0.00485 | NC\_000013.9 | 47704873 | 47706086 | + | NM\_021999.2 | 9445 |
| cg07942995 | 1 | 0.0063929 | -2.99 | -3.883 | -0.03554 | NC\_000019.8 | 63236212 | 63238223 | + | NM\_182572.2 | 284312 |
| cg05958352 | 1 | 0.0064764 | -2.99 | -3.895 | -0.01464 |  | NA | NA |  | NM\_198232.1 | 6035 |
| cg03641225 | 1 | 0.0065517 | -2.98 | -3.906 | -0.05369 | NC\_000001.9 | 68285082 | 68285689 | - | NT\_032977.8 | 9077 |
| cg14616651 | 1 | 0.0065923 | -2.98 | -3.912 | -0.0196 | NC\_000023.9 | 118888580 | 118890917 | + | NM\_004541.2 | 4694 |
| cg26520371 | 1 | 0.0065927 | -2.98 | -3.912 | -0.00594 | NC\_000012.10 | 8993081 | 8994172 | - | NM\_002355.2 | 4074 |
| cg16063112 | 1 | 0.0066263 | -2.98 | -3.917 | -0.02945 | NC\_000010.9 | 63092414 | 63093183 | + | NM\_173554.1 | 219621 |
| cg25268718 | 1 | 0.0066271 | 2.98 | -3.917 | 0.04288 |  | NA | NA |  | NM\_006263.2 | 5720 |
| cg05755354 | 1 | 0.0066588 | 2.98 | -3.922 | 0.02252 |  | NA | NA |  | NM\_018027.2 | 55691 |
| cg05558390 | 1 | 0.0067589 | -2.97 | -3.936 | -0.03652 | NC\_000020.9 | 56847904 | 56850722 | + | NM\_000516.3 | 2778 |
| cg19859270 | 1 | 0.0067977 | 2.97 | -3.941 | 0.01472 |  | NA | NA |  | NM\_005290.1 | 2838 |
| cg23863670 | 1 | 0.0068291 | -2.97 | -3.946 | -0.01723 |  | NA | NA |  | NM\_019846.3 | 56477 |
| cg26644504 | 1 | 0.0068478 | -2.96 | -3.948 | -0.02706 |  | NA | NA |  | NM\_012282.2 | 23630 |
| cg27243140 | 1 | 0.0069009 | -2.96 | -3.956 | -0.03754 | NC\_000017.9 | 70443189 | 70444298 | + | NM\_178233.1 | 347741 |
| cg13719194 | 1 | 0.0069269 | -2.96 | -3.959 | -0.01311 | NC\_000017.9 | 2443136 | 2444931 | + | NM\_000430.2 | 5048 |
| cg04525773 | 1 | 0.0069914 | -2.96 | -3.968 | -0.01153 | NC\_000007.12 | 87342900 | 87344524 | + | NM\_006716.3 | 10926 |
| cg16129988 | 1 | 0.0070352 | -2.95 | -3.974 | -0.00757 | NC\_000003.10 | 48621321 | 48623163 | - | NM\_003365.2 | 7384 |
| cg02212836 | 1 | 0.0070568 | -2.95 | -3.977 | -0.04442 |  | NA | NA |  | NM\_004271.3 | 9450 |
| cg06946880 | 1 | 0.007119 | -2.95 | -3.985 | -0.01154 |  | NA | NA |  | NM\_001692.2 | 525 |
| cg21614231 | 1 | 0.0071294 | -2.95 | -3.987 | -0.01637 |  | NA | NA |  | NM\_004323.3 | 573 |
| cg27519373 | 1 | 0.0071392 | -2.95 | -3.988 | -0.03177 | NC\_000019.8 | 62041489 | 62042391 | - | NT\_011109.15 | 23619 |
| cg04483754 | 1 | 0.0072152 | -2.94 | -3.998 | -0.01339 |  | NA | NA |  | NM\_000625.3 | 4843 |
| cg08431931 | 1 | 0.0074998 | -2.93 | -4.035 | -0.12038 | NC\_000022.9 | 40724449 | 40725364 | + | NM\_152613.1 | 164684 |
| cg09118625 | 1 | 0.0075614 | -2.92 | -4.043 | -0.04559 | NC\_000001.9 | 68285082 | 68285689 | - | NT\_032977.8 | 9077 |
| cg25256723 | 1 | 0.0076342 | 2.92 | -4.052 | 0.04671 |  | NA | NA |  | NM\_000130.2 | 2153 |
| cg27596068 | 1 | 0.0076548 | -2.92 | -4.055 | -0.01218 |  | NA | NA |  | NM\_001235.2 | 871 |
| cg04988978 | 1 | 0.007703 | 2.91 | -4.061 | 0.04902 |  | NA | NA |  | NM\_000250.1 | 4353 |
| cg21522988 | 1 | 0.0077983 | 2.91 | -4.072 | 0.02299 |  | NA | NA |  | NM\_018099.3 | 55711 |
| cg13296371 | 1 | 0.0078518 | 2.91 | -4.079 | 0.02703 | NC\_000004.10 | 4301413 | 4301659 | - | NM\_032927.2 | 85013 |
| cg17036737 | 1 | 0.0078949 | -2.9 | -4.084 | -0.02546 | NC\_000001.9 | 144218677 | 144219700 | + | NM\_005105.2 | 9939 |
| cg11653709 | 1 | 0.0080869 | -2.89 | -4.107 | -0.02008 | NC\_000009.10 | 21958106 | 21958899 | - | NT\_008413.17 | 1029 |
| cg13697378 | 1 | 0.0081533 | -2.89 | -4.115 | -0.05105 | NC\_000001.9 | 68285082 | 68285689 | - | NT\_032977.8 | 9077 |
| cg10634551 | 1 | 0.0081886 | 2.89 | -4.119 | 0.0404 |  | NA | NA |  | NM\_005832.3 | 10242 |
| cg26975609 | 1 | 0.0082286 | -2.89 | -4.123 | -0.00788 | NC\_000007.12 | 150408101 | 150409889 | - | NM\_006712.3 | 10922 |
| cg22940152 | 1 | 0.0082816 | -2.88 | -4.129 | -0.03773 |  | NA | NA |  | NM\_207349.1 | 284739 |
| cg26718122 | 1 | 0.00837 | -2.88 | -4.139 | -0.03498 | NC\_000020.9 | 41519130 | 41520864 | + | NM\_006275.4 | 6431 |
| cg27032184 | 1 | 0.0084456 | -2.88 | -4.148 | -0.04547 | NC\_000022.9 | 45109458 | 45111250 | + | NM\_018006.3 | 55687 |
| cg19388557 | 1 | 0.0085013 | -2.87 | -4.154 | -0.0189 |  | NA | NA |  | NM\_032553.1 | 84636 |
| cg04464446 | 1 | 0.0085536 | -2.87 | -4.16 | -0.035 | NC\_000011.8 | 68208143 | 68209539 | + | NM\_015973.2 | 51083 |
| cg24362016 | 1 | 0.0085668 | -2.87 | -4.162 | -0.04701 | NC\_000019.8 | 12265979 | 12267261 | - | NM\_016264.2 | 51710 |
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| cg16068833 | 1 | 0.0095718 | -2.82 | -4.267 | -0.04995 |  | NA | NA |  | NM\_001803.2 | 1043 |
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