Avvertimento in lda.default(x, grouping, ...): variables are collinear

Call:

lda(group ~ ., data = data\_expression)

Prior probabilities of groups:

0 1

0.3544304 0.6455696

Group means:

MTND1P23 MTND2P28 `hsa-mir-6723` ISG15 ENO1 NPPB PLOD1

0 258.57264 867.5860 1078.876 88.26877 1276.1156 29.729186 97.32336

1 64.67313 808.8237 923.375 60.55926 867.3199 3.710546 78.13012

RPL11 CLIC4 MIR3917 HMGN2 IFI6 EIF3I MARCKSL1 NDUFS5

0 307.2328 85.91576 304.7642 255.7413 183.5746 203.4496 87.63335 316.7394

1 240.2185 82.40979 219.0388 192.4579 156.6472 170.1282 93.81627 318.4613

YBX1 RPS8 PRDX1 DHCR24 `RP11-67L3.5` TACSTD2 CYR61 RPL5

0 485.7982 295.8163 403.0183 108.7718 106.7453 31.11371 154.4632 602.1648

1 373.2038 246.8256 445.4066 130.7183 122.9725 91.59317 144.6272 473.9595

CNN3 `RP11-122C9.1` `RP11-20O24.4` CSDE1 ATP1A1 PSMB4 S100A10

0 125.75563 577.4153 131.47217 151.0536 178.7906 246.7128 127.9277

1 87.58896 551.9588 96.49166 143.5314 136.2869 242.8851 157.3324

S100A11 S100A9 S100A6 S100A4 S100A16 S100A14 RPS27 CRABP2

0 377.1211 8.826361 788.8919 34.12449 100.8866 38.46104 203.4700 150.0254

1 451.8351 157.759600 710.0845 55.30276 183.1212 163.27962 174.5113 313.6562

TAGLN2 PEA15 `RP11-175B9.3` CHI3L1 NUCKS1 RPS7 YWHAQ

0 295.1266 106.6349 213.0108 37.07417 265.4682 419.0413 194.2636

1 265.9304 102.5738 182.1276 40.23729 229.1823 372.1326 186.1080

LAPTM4A RHOB RPLP0P6 CALM2 RPS27A EFEMP1 REG1A TMSB10

0 155.6776 53.81505 295.7484 502.6537 948.0395 80.70522 0.05789857 2032.095

1 180.4405 93.24443 216.8558 435.3954 740.1776 55.57122 54.88528059 1729.354

RPL31 H3F3AP4 COL3A1 COL5A2 HSPD1 EEF1B2 FN1 IGFBP5

0 133.23737 328.7770 101.2774 48.98346 235.8604 299.8811 332.1869 95.38094

1 97.09744 333.9683 123.6366 63.56278 218.2339 234.4925 368.6228 344.89970

SERPINE2 NCL PTMA COL6A3 RPL32 RPSA RPL14

0 59.18673 233.4772 585.6459 80.17162 328.2521 449.2449 342.8324

1 68.15490 205.7698 538.5540 71.45351 274.1738 318.4050 267.5777

`RP11-761N21.2` TMA7 RHOA RPL29 TKT PSMD6 DCBLD2

0 143.5388 281.8573 235.5233 194.5595 138.6492 88.49251 76.06506

1 116.0614 236.5485 218.8518 157.2105 141.5437 52.36449 50.48329

RPL24 CCDC80 FSTL1 TM4SF1 RARRES1 `RP11-3P17.5` `RP11-3P17.3`

0 342.2742 27.72772 80.51713 93.04470 40.76289 804.7223 954.2527

1 311.5369 31.86028 90.25732 60.49687 109.23307 691.6627 852.4370

`RP11-641D5.1` AP2M1 PSMD2 RPL35A UCHL1 PAICS IGFBP7

0 229.5131 179.9993 154.2025 238.6274 168.70704 121.17757 164.13171

1 203.6385 178.3722 133.4460 218.2612 95.70637 75.00841 82.62196

IL8 SPP1 TMSB4XP8 H2AFZ RPL34 AC004057.1 ANXA5 RPS3A

0 41.50356 78.85097 143.7038 442.9023 232.1114 254.9780 248.5430 335.7797

1 19.14760 33.71288 116.1269 412.5536 213.2762 204.3041 241.7175 321.8425

`CTD-2031P19.4` BTF3 RPS23 NPM1P27 LOX CXCL14 TGFBI

0 355.1578 353.5232 705.2293 488.1973 23.00628 1.152357 469.6975

1 273.7699 301.6306 552.9769 381.4485 31.89186 56.536266 294.5118

DPYSL3 `CTB-13H5.1` CD74 RPS14 SPARC `CTB-113P19.1` NPM1

0 60.23247 290.1852 33.28251 397.6348 339.8370 38.82184 429.8570

1 35.75504 281.6272 14.86770 333.3576 526.8986 49.89639 346.3544

STC2 TMED9 NHP2 CANX GNB2L1 RPL15P3 HIST1H2BK `HLA-A`

0 35.66502 238.9100 199.0627 261.1901 241.6483 239.1313 54.67471 175.2135

1 50.32965 211.9923 155.6721 218.7159 210.9023 188.6605 101.59638 161.5406

TUBB `XXbac-BPG252P9.9` FLOT1 IER3 `HLA-C` `HLA-B`

0 748.6674 1001.3094 160.0005 77.82016 208.3710 251.2527

1 559.3394 731.3517 107.3956 93.06384 192.4379 271.7435

`XXbac-BPG248L24.12` CLIC1 `HLA-DRA` RPS18 HMGA1 RPL10A BYSL

0 49.49993 236.6930 27.57060 1827.023 157.62567 337.1868 21.02360

1 52.14774 193.2658 18.52997 1552.080 98.28722 280.3811 33.65762

CCND3 HSP90AB1 RPL39P3 EEF1A1 NT5E `RP11-632C17\_\_A.1` GJA1

0 17.36123 917.6196 667.7933 896.6354 56.71098 320.6224 56.39996

1 33.09271 830.9471 630.1652 708.3718 37.02586 254.6718 40.28847

CTGF RPS12 `RP11-475C16.1` ACTB AGR2 EEF1A1P6 HNRNPA2B1

0 104.7254 996.9398 192.7194 1947.888 18.67644 1355.350 463.1235

1 127.8342 857.8579 141.2292 1671.791 104.74846 1057.679 421.6105

PPIA IGFBP3 SEC61G CCT6A CHCHD2 ELN EIF4H HSPB1

0 435.8409 80.67504 143.7436 203.3707 407.4778 2.859535 208.2954 186.9894

1 421.7638 116.56084 207.6950 189.0518 434.4388 45.431915 190.3486 268.1382

TFPI2 COL1A2 PEG10 RPS3AP26 AZGP1 PCOLCE SERPINE1 LAMB1

0 44.51258 161.8956 75.76683 175.8802 27.66785 50.02182 209.5881 77.12112

1 66.11996 504.2586 56.33680 158.1481 48.80722 50.45170 177.3786 62.00275

CAV1 CALU CPA4 AKR1B1 AKR1B10 CALD1 PIP PDIA4

0 180.8408 171.6092 63.77010 130.4244 11.41609 68.76557 0.03300321 205.8779

1 120.9326 160.5988 29.26142 126.3617 40.80892 77.84530 49.10464451 132.7558

CTSB LOXL2 CLU SFRP1 PLAT DKK4 RPS20 RPL7

0 74.73792 94.43080 56.66333 10.09801 72.19051 328.21144214 208.9992 262.2782

1 73.02771 81.13852 65.06179 74.95768 16.72787 0.02872157 205.6420 234.6792

RPL30 COX6C PABPC1 YWHAZ NDUFB9 LY6E RPL8 RPS6

0 249.6180 115.70011 259.0376 146.7991 167.4823 90.33917 952.6047 412.4756

1 253.6522 87.16127 284.6056 162.7438 170.4477 179.63152 1108.8314 340.7551

ANXA2P2 TPM2 ANXA1 HNRNPK CTSL CKS2 TXN TNC

0 172.6306 50.34835 123.9142 245.5480 61.43677 222.6790 248.5182 50.70817

1 134.3079 54.56185 124.7563 222.1951 68.87437 197.9158 251.7771 68.48632

RPL35 HSPA5 RPL12 EEF1A1P5 RPL7A COL5A1 TUBB4B CALML5

0 602.9343 409.6341 272.3032 2781.636 384.6899 47.22772 318.7563 39.56817

1 516.5872 245.1454 204.5812 2158.853 332.3897 49.53502 273.3613 54.73535

`VIM-AS1` VIM `RP11-124N14.3` ITGB1 DKK1 PSAP DDIT4

0 343.9997 538.3738 521.6353 192.7980 103.39593 392.0834 96.74347

1 190.3628 318.2540 314.2746 170.6765 46.96726 424.2649 78.46269

PLAU RPS24 ADIRF ACTA2 ANKRD1 RPL13AP5 SCD AL139819.1

0 85.41243 226.4071 38.25912 11.45608 44.94339 521.1871 160.491 136.8128

1 56.00938 238.5690 96.35261 42.88532 15.12719 440.4568 147.959 126.6063

`RP11-572P18.1` IFITM1 IFITM3 RPLP2 CD151 POLR2L CTSD

0 300.0960 54.14910 179.5349 883.3830 149.7258 569.5189 251.8527

1 252.0228 42.30781 129.1170 646.0151 127.8032 374.0537 385.4448

H19 TH EIF4G2 DKK3 `RP11-466H18.1` RPS13 LDHA

0 53.90416 40.501640 219.4418 94.61419 1034.834 471.3510 365.2411

1 21.49902 3.054989 218.3589 46.39094 768.989 346.0281 280.8988

CD59 CD44 MDK `RP11-425L10.1` TCN1 FTH1 SCGB1D2

0 158.3096 126.63144 106.24616 363.4058 0.7260775 790.3146 3.232392

1 131.0374 86.68585 67.71297 313.3885 41.6368286 1060.2063 24.519449

SCGB2A2 GANAB COX8A PRDX5 CFL1 FOSL1 DRAP1 GSTP1

0 8.483931 211.7247 330.5164 171.7350 230.0859 74.83589 153.1071 206.5269

1 138.397584 189.8247 362.9799 199.5698 233.4563 40.22541 135.1143 136.6777

CCND1 RPS3 SERPINH1 `RP11-742N3.1` PRSS23 TMEM123 MMP1

0 148.8449 234.9903 89.85239 526.7490 69.97187 84.88817 93.55886

1 196.8094 224.4697 80.03598 476.8528 58.27429 68.05557 16.44077

TAGLN RPS25 HYOU1 THY1 `RP11-334E6.12` HSPA8 APLP2

0 19.08365 504.5993 112.96876 90.00107 139.89735 556.1873 179.7413

1 38.02007 365.5507 70.02355 31.08719 48.53934 479.8315 199.4103

FKBP4 `RP4-816N1.7` `RP11-543P15.1` GAPDH `RP5-940J5.9` PTMS

0 61.6301 55.48196 577.7105 1940.587 1307.061 159.4912

1 113.1406 98.52887 470.4535 1835.382 1275.579 134.2550

TPI1 A2M MGP LDHB TUBA1B `RP11-386G11.10` TUBA1A

0 264.3064 2.395036 22.07296 328.9652 1133.0796 1014.3385 145.4125

1 205.5266 48.616839 158.63572 214.2616 816.5459 740.8664 150.6800

TUBA1C `RP11-161H23.5` KRT7 KRT81 KRT5 KRT8 KRT18

0 300.1779 324.7118 90.15184 238.1142 92.29004 331.4678 299.3522

1 214.3860 238.1304 245.31310 186.0497 58.57066 602.7913 461.1221

AC107016.2 AC107016.1 PFDN5 ITGA5 CD63 RPL41 MYL6 ATP5B

0 405.3638 193.6894 149.7562 53.01964 228.0924 364.4111 178.7724 387.9272

1 612.3448 322.8142 153.9874 55.70768 205.9285 313.6103 198.0242 370.7092

PTGES3 OS9 CDK4 RPL14P1 MDM2 `RP11-611O2.5` `RP11-611O2.3`

0 138.419 101.9145 101.57313 194.6720 12.45395 14.66317 15.61894

1 113.182 117.0203 91.14643 133.7297 30.72290 40.99780 43.08659

CCT2 SLC25A3 HSP90B1 `RP11-490H24.5` TXNRD1 RPL18AP3 RPL6

0 138.1944 159.1273 554.6498 178.9937 104.61814 668.2697 285.9772

1 172.0252 143.0041 391.6240 120.1989 85.66455 575.5974 235.4339

RPS2P5 RPLP0 COX6A1 UBC RAN POSTN TPT1

0 401.8185 884.0461 188.8038 522.3720 203.1062 6.201826 530.4847

1 290.9316 668.2494 203.7159 602.9333 156.0215 58.818195 584.0664

`RP11-290D2.6` ITM2B COL4A1 MMP14 DHRS2 RPS29 RN7SL1

0 395.9393 102.36001 31.87490 113.90321 11.67722 169.5105 158.3231

1 423.2810 95.29974 40.79325 74.56812 66.24257 155.8847 213.5084

RPL36AL ACTN1 RPL7AP6 IFI27 RPL3P4 HSP90AA1 HMGN2P5 THBS1

0 195.5666 88.64292 406.2201 41.03904 285.0151 629.5976 163.1883 215.4078

1 193.1528 83.73486 339.0766 25.86698 265.4224 561.3505 122.8615 139.8604

`CTD-2033D15.1` PDIA3 MIR1282 B2M AC012379.1 RPS3AP6 ANXA2

0 78.43241 300.7431 568.8371 391.2745 134.7025 357.9389 375.2353

1 52.63411 249.6619 655.4457 405.1955 100.0700 339.8992 296.1052

TPM1 PPIB RPL4 RPLP1 `RP11-673C5.1` PKM RPL9P9

0 102.12014 528.0026 513.5088 1111.9697 194.6074 857.0795 360.2195

1 97.90371 404.0976 393.0964 787.9896 166.0091 681.7745 271.8316

RPS17 RPL9P8 ALDH1A3 RPS2 TCEB2 TNFRSF12A ALDOA FUS

0 203.3607 360.8068 62.91198 797.4541 251.9893 114.87793 256.3331 220.8343

1 150.5050 273.3354 57.15430 599.8634 237.3051 94.98395 298.9854 189.9504

HNRNPA1P48 MMP2 MT2A NQO1 SLC7A5 RPL13 YWHAE PFN1

0 231.3434 85.16750 215.7645 142.2705 139.05738 311.4248 287.1789 392.7076

1 163.7269 67.58147 185.2125 211.3850 95.81289 262.4961 222.3552 299.3769

EIF5A EIF4A1 UBB `RP11-138I1.4` RPS2P46 PSMB3 RPL23

0 269.4933 314.9049 745.7509 768.0378 258.0418 181.8173 260.6429

1 211.3469 228.9125 635.0990 661.7921 207.6399 166.0255 207.3895

RPL19 PPP1R1B STARD3 ERBB2 MIEN1 GRB7 ORMDL3 PSMD3

0 1235.6622 19.68958 36.02055 77.55827 55.07635 11.18738 23.62242 95.70966

1 976.2255 46.34042 75.20273 284.87535 134.66255 49.64514 64.06874 157.53692

IGFBP4 KRT19 KRT14 KRT16 KRT17 PTRF RPL27 GFAP

0 118.1215 331.6563 18.91938 20.96583 19.11614 126.95443 564.9479 33.85755

1 108.3519 798.7869 34.70001 28.49622 53.31363 92.73699 362.6680 23.29141

PHB ITGA3 COL1A1 PSMC5 DDX5 KPNA2 RPL38 SLC9A3R1

0 145.1666 167.2817 279.6314 182.2654 151.7515 166.9134 208.6610 50.55221

1 180.6538 108.1458 324.3179 149.4968 158.6331 143.7606 223.7817 183.39398

ATP5H SUMO2 H3F3B `RP11-323N12.5` LGALS3BP ACTG1 P4HB

0 147.2270 298.8229 217.0671 128.7424 139.1222 1177.9911 410.0569

1 189.1415 318.4724 193.6003 103.3355 114.1910 912.4495 342.9905

`RP11-498C9.2` ARHGDIA FASN TYMS MYL12A MYL12B RPL6P27

0 278.825 175.1816 81.0697 205.2692 95.00845 185.7226 210.4505

1 237.542 117.3873 114.1639 126.9753 115.47049 206.9067 172.2952

HNRNPA1P7 AC021224.1 SLC39A6 ATP5A1 RPL17 BSG RPS15 OAZ1

0 257.2532 356.6281 63.71785 189.5107 177.3484 291.2124 272.3841 291.6103

1 184.8520 256.6184 51.15480 194.5241 136.0518 234.2325 218.9992 285.0338

EEF2 CAPS UBL5 HNRNPA1P10 CALR ITGB1P1 TPM4 BST2

0 620.6525 48.82592 219.8478 177.3453 889.5757 319.4137 165.8209 94.44312

1 521.7233 56.36115 233.4143 125.1127 660.5104 282.4581 184.6006 116.73419

UQCRFS1 SPINT2 ACTN4 RPS16 FBL EMP3 RPL18 FTL

0 88.41471 109.5212 212.3608 972.5731 170.02467 75.46240 270.6372 1847.768

1 121.61967 211.2310 177.6125 618.4151 94.28864 52.23452 226.2171 1183.233

RPL13A RPS11 KLK5 KLK6 RPS5 FKBP1A PRNP PCNA

0 751.3552 991.6877 13.95564 9.270059 346.0338 126.3194 117.15625 193.1717

1 657.3693 859.8737 72.40159 40.117062 247.7361 118.6278 96.72963 184.4832

DSTN RPL41P1 CST1 ID1 MYL9 `RP5-977B1.11` RPN2

0 89.19758 1075.9277 53.51321 111.6975 46.82214 32.64859 231.4421

1 143.26772 879.4601 12.26676 107.7216 110.69986 75.53530 239.2020

NNAT TGM2 PI3 SLPI CTSA CTSZ ATP5E PSMA7

0 45.86309 46.71991 0.7709321 24.54269 149.1462 71.34186 865.0927 183.9593

1 1.63347 54.11709 43.1306080 91.63380 159.3447 82.27745 1011.4972 182.0750

RPS21 EEF1A2 PPIAP22 APP TFF3 TFF1 COL6A1 COL6A2

0 487.8332 58.47054 462.1252 208.5513 1.703693 109.7032 123.6538 90.88116

1 455.2398 106.30200 450.1831 242.0223 130.297373 323.1570 150.7209 124.24081

XBP1 TIMP3 MYH9 LGALS1 H1F0 RPL3 XRCC6 SLC25A6

0 74.64024 57.18278 185.2263 881.9016 96.61954 480.0355 186.6854 223.5888

1 242.81848 53.36118 200.0662 777.0729 98.15658 408.4727 178.7800 169.4364

TMSB4X RPL9P7 TIMP1 PLP2 MSN RPS4X PGK1 BEX1

0 829.6421 246.1647 107.01405 135.4268 108.70130 400.9806 153.2262 40.98008

1 663.8607 189.6764 81.59892 104.7063 87.93297 338.1174 135.9592 32.34419

`CTD-2328D6.1` SLC25A5 NDUFA1 BGN FLNA RPL10 G6PD

0 155.1018 324.9372 251.4523 58.88851 281.5945 562.2098 81.59288

1 201.2009 293.2574 267.2570 47.15795 283.8003 549.3586 107.64117

CD24P4 `MT-RNR1` `MT-RNR2` `MT-ND1` `MT-ND2` `MT-CO1` `MT-CO2` `MT-ND3`

0 145.0130 1279.496 5481.825 3272.771 4215.928 10974.63 13672.02 2433.890

1 271.4859 1549.052 5588.858 2711.536 4251.338 11810.87 14061.86 2944.483

`MT-ND5` `MT-ND6` `MT-CYB`

0 1764.121 1890.437 3645.098

1 2419.633 2921.526 4289.944

Coefficients of linear discriminants:

LD1

MTND1P23 -4.663144e-05

MTND2P28 -4.326571e-05

`hsa-mir-6723` -9.282430e-07

ISG15 3.360337e-05

ENO1 -4.143984e-05

NPPB 1.993993e-04

PLOD1 2.044172e-04

RPL11 -5.041736e-05

CLIC4 2.151611e-04

MIR3917 -3.498006e-04

HMGN2 -5.570957e-04

IFI6 1.311198e-05

EIF3I -1.735149e-04

MARCKSL1 -1.910786e-04

NDUFS5 -3.327913e-04

YBX1 -2.507043e-04

RPS8 -4.038356e-05

PRDX1 8.074228e-05

DHCR24 -4.516538e-05

`RP11-67L3.5` -6.580237e-05

TACSTD2 1.245791e-04

CYR61 -1.127665e-04

RPL5 9.607376e-05

CNN3 -6.348052e-04

`RP11-122C9.1` 4.278047e-05

`RP11-20O24.4` 2.506515e-04

CSDE1 -1.842288e-04

ATP1A1 -1.776312e-04

PSMB4 -2.141516e-04

S100A10 3.332115e-04

S100A11 2.959834e-04

S100A9 3.427682e-05

S100A6 3.386971e-05

S100A4 -2.503090e-05

S100A16 1.105394e-04

S100A14 3.412324e-04

RPS27 -2.332484e-05

CRABP2 7.097956e-06

TAGLN2 -1.450747e-05

PEA15 2.685412e-05

`RP11-175B9.3` -1.076656e-04

CHI3L1 2.994867e-04

NUCKS1 -6.455146e-04

RPS7 -7.322762e-05

YWHAQ 5.875689e-04

LAPTM4A 1.009704e-03

RHOB 2.444184e-04

RPLP0P6 -3.680294e-04

CALM2 -9.436392e-05

RPS27A 4.702303e-06

EFEMP1 3.897037e-04

REG1A -1.924344e-05

TMSB10 -3.019381e-05

RPL31 -1.067058e-04

H3F3AP4 -3.873046e-05

COL3A1 1.678895e-06

COL5A2 4.319751e-05

HSPD1 8.231010e-05

EEF1B2 -2.296005e-04

FN1 5.060601e-06

IGFBP5 1.443774e-04

SERPINE2 2.320390e-04

NCL -1.660257e-04

PTMA -6.182060e-05

COL6A3 7.818281e-05

RPL32 -9.582663e-05

RPSA 3.764743e-06

RPL14 -2.994377e-04

`RP11-761N21.2` -2.497776e-04

TMA7 1.395759e-04

RHOA 1.272645e-03

RPL29 3.358160e-04

TKT 1.107126e-04

PSMD6 -3.904992e-04

DCBLD2 -5.392232e-04

RPL24 -3.038485e-04

CCDC80 2.376750e-04

FSTL1 5.094774e-04

TM4SF1 1.159370e-04

RARRES1 7.665657e-05

`RP11-3P17.5` -2.264711e-05

`RP11-3P17.3` -2.080448e-05

`RP11-641D5.1` -1.059639e-04

AP2M1 -1.105424e-03

PSMD2 -2.217264e-04

RPL35A -2.664175e-04

UCHL1 7.802910e-05

PAICS -9.806117e-05

IGFBP7 -4.828416e-06

IL8 6.998883e-04

SPP1 2.449594e-04

TMSB4XP8 -4.838395e-04

H2AFZ 1.382302e-04

RPL34 -1.480997e-05

AC004057.1 7.113515e-05

ANXA5 2.351141e-04

RPS3A 1.022479e-05

`CTD-2031P19.4` -1.176014e-04

BTF3 -6.585950e-05

RPS23 6.665842e-05

NPM1P27 -4.087545e-05

LOX -1.214272e-04

CXCL14 2.700221e-05

TGFBI -1.043172e-04

DPYSL3 2.582543e-04

`CTB-13H5.1` 8.510285e-05

CD74 -2.597234e-04

RPS14 7.890575e-05

SPARC 1.750551e-05

`CTB-113P19.1` 1.581365e-04

NPM1 4.059612e-05

STC2 5.186355e-04

TMED9 -5.611753e-05

NHP2 -2.230802e-04

CANX -1.002549e-03

GNB2L1 -1.556776e-04

RPL15P3 -4.844045e-04

HIST1H2BK 4.813002e-04

`HLA-A` 2.557748e-04

TUBB -6.604978e-05

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FLOT1 4.966520e-04

IER3 -1.611331e-04

`HLA-C` -7.752649e-05

`HLA-B` -1.455723e-06

`XXbac-BPG248L24.12` -1.344905e-04

CLIC1 3.753025e-04

`HLA-DRA` 1.141938e-04

RPS18 5.014224e-06

HMGA1 -2.654580e-04

RPL10A -1.997387e-04

BYSL 6.430314e-04

CCND3 5.957955e-04

HSP90AB1 9.834760e-05

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EEF1A1 -1.025661e-04

NT5E 4.172022e-04

`RP11-632C17\_\_A.1` -3.368015e-05

GJA1 -2.353859e-04

CTGF -1.071114e-04

RPS12 -2.639226e-05

`RP11-475C16.1` -5.065994e-04

ACTB 9.296422e-06

AGR2 1.178556e-04

EEF1A1P6 -6.726064e-05

HNRNPA2B1 -3.045527e-04

PPIA -5.663367e-05

IGFBP3 1.568680e-04

SEC61G 5.835638e-05

CCT6A 1.241625e-04

CHCHD2 3.488794e-05

ELN 5.706330e-04

EIF4H -2.831031e-04

HSPB1 2.404310e-04

TFPI2 1.923279e-04

COL1A2 2.759016e-05

PEG10 5.322594e-04

RPS3AP26 -1.215016e-04

AZGP1 -1.045036e-05

PCOLCE 7.891602e-05

SERPINE1 7.181569e-05

LAMB1 -1.009315e-04

CAV1 1.899206e-04

CALU 1.228991e-04

CPA4 1.265447e-04

AKR1B1 1.130630e-04

AKR1B10 2.474096e-04

CALD1 7.905983e-05

PIP -2.418682e-04

PDIA4 -3.516879e-04

CTSB -1.764700e-05

LOXL2 -4.478085e-04

CLU 6.063460e-04

SFRP1 1.478121e-04

PLAT -9.754004e-04

DKK4 -2.124753e-05

RPS20 2.032494e-04

RPL7 1.211039e-04

RPL30 2.880945e-05

COX6C -1.144866e-04

PABPC1 2.467163e-05

YWHAZ 3.229890e-04

NDUFB9 -4.594116e-06

LY6E 2.093486e-04

RPL8 5.420546e-07

RPS6 2.177487e-05

ANXA2P2 -9.512685e-05

TPM2 -1.658263e-04

ANXA1 3.437803e-04

HNRNPK -6.210556e-05

CTSL 6.114465e-04

CKS2 1.646958e-04

TXN 3.038461e-04

TNC 4.887308e-04

RPL35 4.393887e-06

HSPA5 -7.827250e-05

RPL12 9.294691e-06

EEF1A1P5 -2.543741e-05

RPL7A -1.085077e-04

COL5A1 -3.654076e-04

TUBB4B 2.060797e-06

CALML5 8.918890e-06

`VIM-AS1` 3.671548e-05

VIM 3.080113e-05

`RP11-124N14.3` 3.101979e-05

ITGB1 4.367087e-06

DKK1 1.281759e-04

PSAP -4.749529e-05

DDIT4 2.555247e-04

PLAU -1.620562e-03

RPS24 -4.396311e-06

ADIRF -1.063389e-05

ACTA2 -3.011513e-05

ANKRD1 -1.153254e-03

RPL13AP5 1.670607e-05

SCD -3.667099e-04

AL139819.1 -4.187203e-04

`RP11-572P18.1` 2.540501e-06

IFITM1 1.617895e-04

IFITM3 2.153364e-04

RPLP2 -1.862956e-05

CD151 2.322729e-05

POLR2L -2.403743e-04

CTSD -6.013725e-05

H19 -4.851992e-05

TH -7.052732e-04

EIF4G2 -4.970260e-04

DKK3 -5.047349e-04

`RP11-466H18.1` 1.427013e-05

RPS13 -2.000103e-05

LDHA 1.526932e-04

CD59 -3.231866e-04

CD44 -1.154123e-03

MDK -2.205216e-04

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TCN1 4.392498e-05

FTH1 1.457969e-05

SCGB1D2 -9.292260e-05

SCGB2A2 9.221650e-06

GANAB -1.044947e-03

COX8A -1.583201e-04

PRDX5 1.068602e-03

CFL1 -7.566773e-05

FOSL1 -3.349660e-04

DRAP1 -7.058047e-04

GSTP1 1.263277e-04

CCND1 4.388868e-05

RPS3 2.146857e-04

SERPINH1 8.736699e-05

`RP11-742N3.1` 4.134480e-05

PRSS23 1.085318e-04

TMEM123 3.794180e-04

MMP1 1.973678e-04

TAGLN 7.240396e-05

RPS25 -5.488595e-05

HYOU1 -1.159876e-04

THY1 1.328142e-04

`RP11-334E6.12` 9.312763e-05

HSPA8 2.642799e-04

APLP2 1.278829e-04

FKBP4 2.868354e-04

`RP4-816N1.7` 3.830758e-04

`RP11-543P15.1` -3.782942e-05

GAPDH 2.618904e-05

`RP5-940J5.9` 1.690218e-05

PTMS -3.923753e-04

TPI1 2.749546e-04

A2M 1.465582e-04

MGP 1.930483e-04

LDHB 2.121784e-04

TUBA1B -9.582881e-05

`RP11-386G11.10` -1.146324e-04

TUBA1A -1.328304e-04

TUBA1C -4.959425e-04

`RP11-161H23.5` -5.179497e-04

KRT7 1.156988e-04

KRT81 -3.864499e-05

KRT5 -1.092924e-04

KRT8 5.508489e-07

KRT18 -1.826527e-05

AC107016.2 -1.962766e-05

AC107016.1 -2.446008e-05

PFDN5 -1.833963e-04

ITGA5 -8.572139e-05

CD63 -4.726261e-04

RPL41 -6.873604e-05

MYL6 3.816812e-04

ATP5B 1.927444e-05

PTGES3 -6.373671e-04

OS9 7.210524e-05

CDK4 8.451094e-05

RPL14P1 -4.339416e-04

MDM2 6.144093e-04

`RP11-611O2.5` 4.674230e-04

`RP11-611O2.3` 4.003106e-04

CCT2 1.224634e-04

SLC25A3 -3.969240e-04

HSP90B1 -4.257913e-05

`RP11-490H24.5` -2.723339e-04

TXNRD1 -5.652742e-04

RPL18AP3 -1.407390e-05

RPL6 -1.486819e-04

RPS2P5 -3.868206e-04

RPLP0 -1.421861e-04

COX6A1 -2.338389e-04

UBC 3.671092e-04

RAN -5.620432e-04

POSTN 1.549764e-05

TPT1 1.628975e-04

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ITM2B 1.276663e-04

COL4A1 1.719145e-04

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RN7SL1 4.304212e-05

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ACTN1 2.940323e-04

RPL7AP6 -5.251840e-05

IFI27 -1.181796e-04

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HMGN2P5 -7.690713e-04

THBS1 -1.069011e-04

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B2M -6.084702e-05

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RPS3AP6 -4.796077e-05

ANXA2 -6.983702e-05

TPM1 -3.808538e-04

PPIB -1.855656e-04

RPL4 -1.183517e-04

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RPS17 -1.734586e-04

RPL9P8 -7.371262e-05

ALDH1A3 -7.850396e-05

RPS2 -3.521237e-06

TCEB2 1.694907e-05

TNFRSF12A -1.865739e-04

ALDOA -9.916790e-06

FUS -9.123137e-04

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MMP2 -1.837251e-04

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YWHAE -2.249279e-04

PFN1 -6.616499e-04

EIF5A 2.567514e-04

EIF4A1 -1.886562e-04

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RPL23 1.501580e-06

RPL19 -3.418197e-06

PPP1R1B -6.431626e-05

STARD3 -5.675599e-05

ERBB2 -1.921283e-05

MIEN1 -8.242339e-05

GRB7 -6.175228e-05

ORMDL3 8.125796e-05

PSMD3 2.854096e-05

IGFBP4 2.666131e-04

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KRT14 -1.364298e-05

KRT16 1.148301e-04

KRT17 1.597296e-04

PTRF 9.195989e-05

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GFAP -1.683192e-04

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DDX5 -6.607014e-04

KPNA2 -2.959863e-04

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SUMO2 9.804649e-05

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ACTG1 4.671110e-05

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MYL12B 3.441562e-05

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SLC39A6 -8.736436e-05

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RPL17 3.185497e-04

BSG -1.930595e-04

RPS15 -1.746270e-04

OAZ1 9.844391e-05

EEF2 3.759848e-05

CAPS -4.581929e-05

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ITGB1P1 2.035399e-06

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BST2 2.558606e-04

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SPINT2 1.385844e-05

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FBL 1.208382e-05

EMP3 2.331859e-04

RPL18 -1.471419e-04

FTL -1.713754e-05

RPL13A 5.883613e-05

RPS11 4.147486e-05

KLK5 3.305187e-04

KLK6 5.163157e-04

RPS5 -1.447626e-05

FKBP1A -8.086389e-04

PRNP 1.943451e-04

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TGM2 -5.609294e-05

PI3 1.256632e-05

SLPI 6.081961e-05

CTSA 4.642366e-04

CTSZ -4.877033e-04

ATP5E -3.421407e-06

PSMA7 3.680180e-04

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EEF1A2 2.824300e-04

PPIAP22 -1.126397e-04

APP -1.445875e-04

TFF3 3.539272e-05

TFF1 3.470949e-05

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COL6A2 -1.312369e-04

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BEX1 2.640884e-04

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FLNA 7.701992e-05

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`MT-RNR2` -4.136694e-07

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`MT-CO1` -8.975783e-07

`MT-CO2` -9.264594e-07

`MT-ND3` -4.136638e-05

`MT-ND5` -2.174103e-05

`MT-ND6` -1.319377e-05

`MT-CYB` -6.335075e-06