**SUPPLEMENTARY TABLE**

Supplementary Table 1. 13 up-regulated lncRNAs and 24 down-regulated lncRNAs in radioresistant groups.

| lncRNA     | logFC  | logCPM  | PValue     | FDR        |
|------------|--------|---------|------------|------------|
| AC004832.1 | -6.5846| 4.90548 | 7.74E-32   | 6.56E-28   |
| AL157831.2 | -6.08761| 4.514612| 3.66E-30   | 1.55E-26   |
| AC023796.1 | -7.49029| 4.462543| 1.92E-23   | 5.44E-20   |
| AL078605.1 | -2.58287| 5.363397| 1.39E-20   | 2.94E-17   |
| AC074351.1 | -2.14218| 5.653697| 1.12E-13   | 1.90E-10   |
| AC084816.1 | -2.69039| 3.368313| 7.68E-13   | 1.08E-09   |
| AC000061.1 | -4.78751| 2.166427| 2.20E-12   | 2.67E-09   |
| AC023886.1 | -2.10256| 3.70055 | 7.94E-10   | 8.41E-07   |
| AL133372.2 | -3.36141| 2.164238| 1.15E-09   | 9.94E-07   |
| AL137005.1 | -3.42876| 3.038507| 1.17E-09   | 9.94E-07   |
| AC004870.2 | -2.36161| 3.710813| 2.45E-09   | 1.89E-06   |
| AC073324.2 | -2.58014| 5.087589| 6.55E-09   | 4.62E-06   |
| LINC02237  | -1.79369| 2.355266| 2.55E-07   | 0.000166   |
| LINC01479  | 4.373595| 4.257885| 4.55E-07   | 0.000273   |
| AC002384.1 | -3.02415| 2.035558| 4.83E-07   | 0.000273   |
| FAM30A     | -2.00246| 3.185267| 5.85E-07   | 0.00031    |
| AC046168.2 | -1.05344| 6.818276| 1.16E-06   | 0.000579   |
| MUC2       | 3.876152| 4.10967 | 1.36E-06   | 0.000642   |
| AP000221.1 | -1.55528| 3.12966 | 1.53E-06   | 0.000684   |
| AC022079.1 | -1.26838| 3.289331| 3.29E-06   | 0.001396   |
| KC6        | 3.413798| 3.182956| 4.12E-06   | 0.001664   |
| GS1-24F4.2 | -1.12944| 4.07537 | 6.00E-06   | 0.00231    |
| AC022098.2 | 3.279784| 3.071052| 1.21E-05   | 0.004371   |
| LINC01163  | -1.33177| 3.225518| 1.24E-05   | 0.004371   |
| AC106786.1 | -1.50296| 3.332785| 1.68E-05   | 0.005714   |
| AC087241.4 | -1.51953| 2.153561| 2.51E-05   | 0.008182   |
| AP003083.1 | -1.285  | 5.43157 | 3.42E-05   | 0.010731   |
| AC020659.1 | 1.786279| 4.027274| 4.18E-05   | 0.012232   |
| AL133415.1 | 1.190541| 4.741589| 6.98E-05   | 0.019717   |
| DISC1FP1   | -1.64751| 2.27533 | 7.98E-05   | 0.021447   |
| AC023905.1 | 3.127208| 2.10345 | 8.10E-05   | 0.021447   |
| AC022498.1 | 1.522007| 3.866576| 9.02E-05   | 0.023175   |
| OTX2-AS1   | 3.50496 | 3.271446| 0.000106   | 0.025632   |
| LINC01447  | 2.159006| 5.885161| 0.000157   | 0.036866   |
| AC092343.1 | 2.3475  | 2.50476 | 0.000186   | 0.042157   |
| LINC01239  | 1.585229| 3.873012| 0.000189   | 0.042157   |
| AC112487.1 | 1.523493| 3.6163  | 0.000217   | 0.046079   |