**S1 Table**. **Genes with altered expression in U937 cells after 0**.**1 Gy X-ray irradiation**.

|  |  |
| --- | --- |
| Gene Symbol | Fold Change |
| U937-IR |  |
| Upregulated |  |
| 　　CARD9 | 1.73 |
| 　　HIST1H2BH | 1.72 |
| 　　mir4497 | 1.72 |
| Downregulated |  |
| 　　N.A. |  |
| U937-(IR)-BS |  |
| 　Upregulated |  |
| 　　N.A. |  |
| 　Downregulated |  |
| 　　MT-TG | -3.55 |
| 　　mir 4659A| mir 4659B | -2.79 |
| 　　RAD51D | -2.77 |
| 　　MT-TR | -2.61 |
| 　　mir 4295 | -2.37 |
| 　　MT-TL2 | -2.16 |
| 　　mir 644A | -2.00 |
| 　　mir 4521 | -2.00 |
| 　　HIST1H4D | -1.96 |
| 　　MT-TM | -1.93 |
| 　　CCDC71 | -1.89 |
| 　　HIST1H3B | -1.89 |
| 　　mir 548I3 | -1.85 |
| 　　AFF2-IT1 | -1.84 |
| 　　TAS2R30 | -1.82 |
| 　　MT-TQ | -1.81 |
| 　　GNG5P2 | -1.80 |
| 　　MRPL42P5 | -1.79 |
| 　　PTGR2|RP5-1021I20.4 | -1.76 |
| 　　HIST1H2BB | -1.76 |
| 　　mir 548I2| mir 548I1| mir 548I3 | -1.75 |
| 　　HIST1H1B | -1.74 |
| 　　mir4454 |  -1.73  |
| 　　MNS1 |  -1.71  |