**Figure 5 – Source Data 1**

1. Source data for Figure 5B

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Cell line (n) | **RNA: DNA FISH ratio (mean)** | **One-way ANOVA** | **Unpaired T-test (vs E26)** | **Unpaired T-test (vs E28)** |
| **NSC** (67) | 0.3419 | p=0.0189 | p=0.005 (0.015) | p = 0.1118 (0.3354) |
| **E26** (98) | 0.6037 |  |  |  |
| **E28** (95) | 0.4960 |  | p = 0.1885 (0.5655) |  |

1. Source data for Figure 5C

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Spearman r (p value)** | | |
| Cell line (n) | **Rep1** | **Rep2** | **Rep3** |
| **E26 (92)** | -0.005807 (0.9761) | 0.1878 (0.4150) | 0.01168 (0.9415) |
| **E28 (93)** | -0.02923 (0.8598) | -0.07586 (0.7372) | 0.2892 (0.1083) |

1. Source data for Figure 5E

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Median (Number of SNPs per gene)** | | |
| Cell line | **VSTMA** | **EGFR** | **LANCL2** |
| **E26** |  | 0.9789 (3) | 0.9272 (2) |
| **E28** | 1.0484 (1) | 1.003 (8) | 0.7776 (1) |

1. Source data for Figure 5F and 5G

|  |  |
| --- | --- |
| Cell line | **Mann-Whitney Test (ecDNA vs chrom exons)** |
| **E26** | p = 0.3090 |
| **GBM39** | p = 0.0517 |

1. Source Data for Figure Supplement 1E

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Median number of EGFR foci (number of nuclei)** | | **Mann-Whitney test** |
| Cell line | EGFR High | EGFR Low |  |
| E26 | 58 (35) | 8 (30) | <0.0001 |
| E28 | 11 (29) | 3 (30) | <0.0001 |