**Supplemental Table S4.** Statistical analysis of the quantification of nuclear Congo red staining patterns.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| siRNA LB1 [pmol]siRNA scr.I-Hg [60 µM] | --- | 30-- | 60-- | -+- | --+ | 30-+ | 60-+ | -++ |
| **CR pattern heterogeneity** | --- |  |  |  |  |  |  |  |  |
| 30-- | 0.99460 |  |  |  |  |  |  |  |
| 60-- | 0.99048 | 0.78083 |  |  |  |  |  |  |
| -+- | 1.00000 | 0.99753 | 0.98285 |  |  |  |  |  |
| --+ | 1.10\*10-7 | 1.27\*10-7 | 1.46\*10-7 | 1.12\*10-7 |  |  |  |  |
| 30-+ | 1.48\*10-7 | 1.46\*10-7 | 1.16\*10-7 | 1.53\*10-7 | 0.93051 |  |  |  |
| 60-+ | 3.65\*10-6 | 0.00001 | 1.06\*10-6 | 4.18\*10-6 | 0.01987 | 0.16846 |  |  |
| -++ | 1.14\*10-7 | 1.40\*10-7 | 1.44\*10-7 | 1.16\*10-7 | 0.99999 | 0.98186 | 0.03321 |  |
| **CR pattern intensity** | --- |  |  |  |  |  |  |  |  |
| 30-- | 0.99686 |  |  |  |  |  |  |  |
| 60-- | 1.00000 | 0.99961 |  |  |  |  |  |  |
| -+- | 0.99857 | 1.00000 | 0.99988 |  |  |  |  |  |
| --+ | 5.31\*10-6 | 0.00002 | 7.10\*10-6 | 0.00001 |  |  |  |  |
| 30-+ | 8.87\*10-6 | 0.00003 | 0.00001 | 0.00002 | 0.99997 |  |  |  |
| 60-+ | 0.01468 | 0.05260 | 0.02105 | 0.04839 | 0.00778 | 0.01468 |  |  |
| -++ | 0.00001 | 0.00003 | 0.00001 | 0.00003 | 0.99979 | 1.00000 | 0.01826 |  |
| **nucleus area with aggregates** | --- |  |  |  |  |  |  |  |  |
| 30-- | 1.00000 |  |  |  |  |  |  |  |
| 60-- | 1.00000 | 1.00000 |  |  |  |  |  |  |
| -+- | 1.00000 | 1.00000 | 1.00000 |  |  |  |  |  |
| --+ | 5.00\*10-6 | 6.55\*10-6 | 5.37\*10-6 | 5.80\*10-6 |  |  |  |  |
| 30-+ | 0.00001 | 0.00002 | 0.00001 | 0.00001 | 0.99862 |  |  |  |
| 60-+ | 0.18146 | 0.23857 | 0.19538 | 0.21119 | 0.00053 | 0.00159 |  |  |
| -++ | 0.00001 | 0.00001 | 0.00001 | 0.00001 | 0.99962 | 1.00000 | 0.00129 |  |
|  | siRNA LB1 [pmol]siRNA scr.I-Hg [60 µM] |  |  |  |  |  |  |  |  |