**Supplementary File 3. siRNA Sequences**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **siRNA** | **Protein Target** | **Sense Sequence** | **Source** | **Reference** |
| siNT | Non-targeting | GCAAAUCUCCGAUCGUAGA | U of U Cores | Mackay *et al.*, 2010 |
| siCAPN7 | Calpain-7 | GCACCCAUACCUUUACAUU | U of U Cores | Wenzel *et al.,* 2022 |
| siNUP153 | Nup153 | GGACUUGUUAGAUCUAGUU | U of U Cores | Mackay *et al.,*, 2010 |
| siKATNA1 | Katanin p60 | GGACAGCACUCCCUUGAAA | U of U Cores | Wenzel *et al.,* 2022 |
| siSPAST | Spastin | GAACAGUGUGAAAGAGCUA | U of U Cores | Wenzel *et al.,* 2022 |