**Supplementary information for:**

**Vimentin filaments interact with the mitotic cortex allowing normal cell division**

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Supplementary Table 1: **Sequences of oligonucleotides used for mutagenesis**

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| --- | --- | --- | --- |
| Protein | Accesion No. | Mutant construct | Oligonucleotide sequence |
| Human vimentin | NP\_003371 | Vimentin(1-411) | 5'-GGCGAGGAGAGCAGGATTT**AA**CTGCCTCTTCCAAACTTTTCC-3' |
| “ | “ | Vimentin(1-423) | 5'-CCTCCCTGAACCTG**TA**GGAAACTAATCTGGATTCACTCC-3' |
| “ | “ | Vimentin(1-448) | 5'-GGACACTTCTGATTAAGACGGTTGAA**TGA**AGAGATGGACAGGTTATC-3' |
| “ | “ | Vimentin(1-459) | 5'-GGTTATCAACGAAACTTCT**T**AGCATCACGATGACC-3' |