**Supplementary Material**

**Cdc7 activates replication checkpoint by phosphorylating the Chk1 binding domain of Claspin**

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Running title:

Cdc7 kinase in replication checkpoint activation

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**Supplementary Table S1**

**Sequences of the oligonucleotides used in this study**

|  |  |
| --- | --- |
| Name | Sequence (5’->3’)  |
| Claspin FL-F | ccgctcgagactagtatgacaggcgaggtgggttctg  |
| Claspin FL-R | ctagtctagagctctccaaatatttgaagatgc |
| 897-1100-R | acctctagactttcttgatttgactctgcagttcc |
| 897-1100-F | accggctagcgccagtatggatgagaatgcc |
| Cdc7 FL-F | cagcggccgcggatccatggaggcgtctttgggga |
| Cdc7 FL-R | ggagaggggcggatcccaagctcatatctttaaaaaatgga |
| siClaspin-sense | uuggccacugauuucaauutt |
| siClaspin-anti-sense | aauugaaaucaguggccaatt |
| siCdc7-sense | gcagucaaagacuguggautt |
| siCdc7-anti-sense | auccacagucuuugacugctt |
| siCK11-sense | ggcaauaagaaagagcaugtt |
| siCK11-anti-sense | caugcucuuucuuauugcctt |