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Supplementary Information

Gene	Refseq ID	siRNA name	siRNA Sequence
Name	_		_
SKP2	NM_005983.2	SKP2 siRNA 1	GGGAGUGACAAAGACUUUGTT
		SKP2 siRNA 2	GUGUUUUGAUUUCACUGAATT
CDC20	NM_001255.1	CDC20 siRNA 1	CGGCAGGACUCCGGGCCGATT
		CDC20 siRNA 2	ACCUGGCGGUGACCGCUAUTT
		CDC20 siRNA 3	UGGCCAGUGGUGGUAAUGATT
FZR1	NM_016263.2	CDH1 siRNA 1	CCCACGUCUGCACAGAACATT
		CDH1 siRNA 2	UGAGAAGUCUCCCAGUCAGTT
		CDH1 siRNA 3	UGGCGUGCAUGUGUACAUATT
LACZ	N/A	LACZ siRNA	AGCGUUGGAAAGACAUCUUTT

Supplementary Table 1: SiRNA sequences used in the transfection experiments.

Supplementary Table 2: Primer sequences used for real-time RT-PCR

Gene	Primer direction	Sequence
Name		
SKP2	Forward	5'-CTCCACGGCATACTGTCTCA-3'
	Backward	5'-AGTCTGCAGGGCAAATTCAG-3'
CDC20	Forward	5'-CTACAGCCAAAAGGCCACTC-3'
	Backward	5'-AGAGCTTGCACTCCACAGGT-3'
FZR1	Forward	5'-GCTGCAGGACGACTTCTACC-3'
	Backward	5'-CTGAGTCCCCTTCCACTGAG-3'

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Supplementary Figure 1:

Transfection of cdc20 siRNA comparing the lipitoid reagent DMPE-(NaeNmpeNmpe)₃ to Oligofectamine. The individual experiment was performed in T98G cells with 50 nM LacZ siRNA as control, and 50 nM cdc20 siRNA with either Lipitoid or Oligofectamine. Western blot analysis with specific antibodies against cdc20 or cul1 was performed 48 hrs after transfection.



Supplementary Figure 2:

Transfection of skp2 siRNA with either the lipitoid or Oligofectamine was performed in HeLa cells. 50 nM skp2 siRNA was used with the lipitoid, while 100 nM skp2 siRNA was used with Oligofectamine. Control cells were grown in OptiMEM with no siRNA treatment. The cells were transfected once, and the protein levels were analyzed by Western Blot 48 hrs after transfection.



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Supplementary Figure 3:

Relative % of mRNA levels in T98G cells treated with a) 50 nM cdc20 siRNA and b) 50 nM cdh1 siRNA was evaluated by extracting whole RNA from treated cells 48 hours after transfection, followed by real-time RT-PCR with specific primers for *Cdc20* or *Cdh1*. The extent of relative mRNA expression is plotted relative to the control (LacZ) siRNA treated cells. All mRNA was normalized to *GAPDH* amounts.

