

Table S1. A summary of proteins tested for involvement in PC formation, siRNA target sequences, and methods used to monitor successful depletion

Protein	siRNA oligonucleotides	≥50% depletion monitored via
ALMS1	5'-CCCTATGATGACTGTCATAAA-3' (342), 5'-CAGAACTTTATACCTGATGAA-3' (343)	IF
BBS4	5'-AAGGCACAAGACCAGTTGCAC-3'	Kim et al., 2004
CAP350	5'-ATGAACGATATCAGTGCTATA-3'	Yan et al., 2006
CCCAP	5'-GACCTTGTTCATACTATTAAT-3' (288), 5'-GAGGAACGACTTAGCTGAATA-3' (289)	qRT-PCR
centrin-2	5'-AAGAGCAAAAAGCAGGAGATCC-3'	Salisbury et al., 2002
centrin-3	5'-CTGGTGACATTTAAAGAATTA-3'	IF
Cep131	5'-CCCCTCAGCCCAGCAATA-3' (272), 5'-CAGCACGAGCTGGAGATTA-3' (273)	qRT-PCR
Cep135	5'-AAAGCTTATTGCTCATTTAAA-3' (274), 5'-AAGCAGATTGAGCTAAGAGAA-3' (275)	qRT-PCR, IF
Cep152	5'-GCGGATCCAAGTGGAAATCTA-3' (277)	qRT-PCR
Cep164	5'-CAGGTGACATTTACTATTTCA-3' (278), 5'-ACCACTGGGAATAGAAGACAA-3' (279)	qRT-PCR, IF
Cep170	5'-GAAGGAATCCTCCAAGTCA-3'	Guarguaglini et al., 2005
Cep192	5'-AACAGTGAATGTGCAAGTAAA-3' (281)	qRT-PCR
Cep215	5'-GTGGAAGATCTCCTAACTAAA-3' (283)	qRT-PCR, IF
Cep27	5'-CAGCAGATCACAAATATTCAA-3' (254), 5'-CTGAAGAAAAGTTATCTTTATA-3' (255)	qRT-PCR
Cep290	5'-TAGCCTCGAAAGACTAGTTAA-3' (285)	qRT-PCR, IF
Cep41	5'-TCCATGTTAGATGGACAGAAA-3' (256), 5'-CACTGGTAACAGTATGACTAA-3' (257)	qRT-PCR
Cep57	5'-AACCAAATAACTAAAGTTCGA-3' (258), 5'-AGCCATCAAGGTCTAATGGAA-3' (259)	qRT-PCR
Cep63	5'-CAACGCTTGATTTATCAGCAA-3' (260), 5'-CAGCCTTAAAGTAGCCTCTTA-3' (261)	qRT-PCR
Cep68	5'-CACCTCAAATCACCTACTAA-3' (262), 5'-ACCGAAGATGATCCATCCCTA-3' (263)	qRT-PCR, IF
Cep70	5'-CCGGCGACTGAGTAAGATGAA-3' (264), 5'-GAAGATCGCATTGCTACTCAA-3' (265)	qRT-PCR
Cep72	5'-AGAGCTATGTATGATAATTAA-3' (266)	qRT-PCR
Cep76	5'-CTCGGTATTATAGGGCCAATA-3' (268), 5'-AAGGGTTTGAGCCCTAGACAA-3' (269)	qRT-PCR
Cep78	5'-CAGTTGTGTAAGCTCTTAAA-3' (270), 5'-TACACACTTATTGGTGACCTA-3' (271)	qRT-PCR
chTOG	5'-AAGAGCCCAGAGTGGTCCAAA-3'	Cassimeris and Morabito, 2004
C-Nap1	5'-CTGGAAGAGCGTCTAACTGAT-3'	Bahe et al., 2005
CP110	5'-CCCGAAATTATGCCAAAGTTA-3' (290), 5'-TAGACTTATGCAGACAGATAA-3' (291)	qRT-PCR
CPAP	5'-AAGGAAGATTGCACCAGTCAA-3' (250), 5'-CCCAATGGAACTCGAAAGGAA-3' (251)	qRT-PCR, IF
Dynammin2	5'-AAGAGTTCGGTGTCTCGAGAAC-3'	Thompson et al., 2004
FOP*	5'-AAGTGATCAGGCGCTGTCAAC-3'	Yan et al., 2006
hSAS6	5'-AAGCACGTTAATCAGCTACAA-3'	Leidel et al., 2005
NA14	5'-TGGCCTGTGATTATGAATAAA-3' (286), 5'-CTCCTCACACAGAACCCAA-3' (287)	qRT-PCR
Nek2	5'-AACATGAGATGTGACATTCTA-3' (252), 5'-TTACGAGGATGTTAACTTAA-3' (253)	qRT-PCR, IF
ninein	5'-GCGGAGCTCTCTGAAGTAAA-3'	IF
Nlp	5'-CACACTGGAAATTGTACTATA-3' (249)	IF
Odf2	5'-AAGGATCTTTATGTCGCTGAA-3'	IF
OFD-1	5'-CTCAGACAAGTTCGACATTTA-3' (339)	IF
PCM-1	5'-AATCAGCTTCGTGATTCTCAG-3'	Dammermann and Merdes, 2002
pericentrin*	5'-AAGCAGCTGAGCTGAAGGAGA-3'	Dammermann and Merdes, 2002
Plk4	5'-CTGGTAGTACTAGTTCACCTA-3'	Habedanck et al., 2005
rootletin*	5'-AAGCCAGTCTAGACAAGGA-3'	Bahe et al., 2005
Sfi1p	5'-CTGCTGTGCAAATGTATCGAA-3'	qRT-PCR, IF

siRNA oligonucleotides were from QIAGEN unless marked by *, in which case they were from Dharmacon. IF, immunofluorescence microscopy; qRT-PCR, quantitative RT-PCR.

References

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