

## Interaction pairs

ANAPC7	AURKA
ANAPC7	AURKB
ANAPC7	BUB1B
ANAPC7	CCNB1
ANAPC7	CDC20
ANAPC7	NEK2
ANAPC7	PLK1
ANAPC7	PTTG1
ANAPC7	UBB
ANAPC7	UBE2C
AURKA	AURKB
AURKA	BUB1B
AURKA	CCNB1
AURKA	CDC20
AURKA	NEK2
AURKA	PLK1
AURKA	PTTG1
AURKA	UBB
AURKA	UBE2C
AURKA	ASPM
AURKA	BIRC5
AURKA	CCNF
AURKA	CDCA2
AURKA	CDCA3
AURKA	CDCA8
AURKA	CDKN3
AURKA	CENPA
AURKA	CENPE
AURKA	CENPF
AURKA	DLGAP5
AURKA	FAM64A
AURKA	FAM83D
AURKA	FOXM1
AURKA	GTSE1
AURKA	HMMR
AURKA	KIF14
AURKA	KIF18B
AURKA	KIF20A
AURKA	KIF23
AURKA	KIF4A
AURKA	KNSTRN
AURKA	NCAPD2
AURKA	PSRC1
AURKA	TACC3
AURKA	TOP2A
AURKA	TROAP
AURKA	RCC2
AURKB	BUB1B
AURKB	CCNB1

AURKB	CDC20
AURKB	NEK2
AURKB	PLK1
AURKB	PTTG1
AURKB	UBB
AURKB	UBE2C
AURKB	ASPM
AURKB	BIRC5
AURKB	CCNF
AURKB	CDCA2
AURKB	CDCA3
AURKB	CDCA8
AURKB	CDKN3
AURKB	CENPA
AURKB	CENPE
AURKB	CENPF
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AURKB	FAM64A
AURKB	FAM83D
AURKB	FOXM1
AURKB	GTSE1
AURKB	HMMR
AURKB	KIF14
AURKB	KIF18B
AURKB	KIF20A
AURKB	KIF23
AURKB	KIF4A
AURKB	KNSTRN
AURKB	NCAPD2
AURKB	PSRC1
AURKB	TACC3
AURKB	TOP2A
AURKB	TROAP
AURKB	RCC2
BUB1B	CCNB1
BUB1B	CDC20
BUB1B	NEK2
BUB1B	PLK1
BUB1B	PTTG1
BUB1B	UBB
BUB1B	UBE2C
BUB1B	ASPM
BUB1B	BIRC5
BUB1B	CCNF
BUB1B	CDCA2
BUB1B	CDCA3
BUB1B	CDCA8
BUB1B	CDKN3
BUB1B	CENPA
BUB1B	CENPE

BUB1B	CENPF
BUB1B	DLGAP5
BUB1B	FAM64A
BUB1B	FAM83D
BUB1B	FOXM1
BUB1B	GTSE1
BUB1B	HMMR
BUB1B	KIF14
BUB1B	KIF18B
BUB1B	KIF20A
BUB1B	KIF23
BUB1B	KIF4A
BUB1B	KNSTRN
BUB1B	NCAPD2
BUB1B	PSRC1
BUB1B	TACC3
BUB1B	TOP2A
BUB1B	TROAP
BUB1B	RCC2
CCNB1	CDC20
CCNB1	NEK2
CCNB1	PLK1
CCNB1	PTTG1
CCNB1	UBB
CCNB1	UBE2C
CCNB1	ASPM
CCNB1	BIRC5
CCNB1	CCNF
CCNB1	CDCA2
CCNB1	CDCA3
CCNB1	CDCA8
CCNB1	CDKN3
CCNB1	CENPA
CCNB1	CENPE
CCNB1	CENPF
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CCNB1	FAM64A
CCNB1	FAM83D
CCNB1	FOXM1
CCNB1	GTSE1
CCNB1	HMMR
CCNB1	KIF14
CCNB1	KIF18B
CCNB1	KIF20A
CCNB1	KIF23
CCNB1	KIF4A
CCNB1	KNSTRN
CCNB1	NCAPD2
CCNB1	PSRC1
CCNB1	TACC3

CCNB1	TOP2A
CCNB1	TROAP
CCNB1	FOXO3
CCNB1	PIN1
CCNB1	FBXO43
CCNB1	PIF1
CDC20	NEK2
CDC20	PLK1
CDC20	PTTG1
CDC20	UBB
CDC20	UBE2C
CDC20	ASPM
CDC20	BIRC5
CDC20	CCNF
CDC20	CDCA2
CDC20	CDCA3
CDC20	CDCA8
CDC20	CDKN3
CDC20	CENPA
CDC20	CENPE
CDC20	CENPF
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CDC20	FAM83D
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CDC20	GTSE1
CDC20	HMMR
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CDC20	KIF18B
CDC20	KIF20A
CDC20	KIF23
CDC20	KIF4A
CDC20	KNSTRN
CDC20	NCAPD2
CDC20	PSRC1
CDC20	TACC3
CDC20	TOP2A
CDC20	TROAP
CDC20	RCC2
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NEK2	PTTG1
NEK2	UBB
NEK2	UBE2C
NEK2	ASPM
NEK2	BIRC5
NEK2	CCNF
NEK2	CDCA2
NEK2	CDCA3

NEK2	CDCA8
NEK2	CDKN3
NEK2	CENPA
NEK2	CENPE
NEK2	CENPF
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PLK1	UBB
PLK1	UBE2C
PLK1	ASPM
PLK1	BIRC5
PLK1	CCNF
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PLK1	RCC2
PLK1	FOXO3
PLK1	PIN1
PLK1	FBXO43
PTTG1	UBB
PTTG1	UBE2C
PTTG1	ASPM
PTTG1	BIRC5
PTTG1	CDCA2
PTTG1	CDCA3
PTTG1	CDCA8
PTTG1	CDKN3
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PTTG1	CENPE
PTTG1	CENPF
PTTG1	DLGAP5
PTTG1	FAM64A
PTTG1	FAM83D
PTTG1	FOXM1
PTTG1	HMMR
PTTG1	KIF14
PTTG1	KIF20A
PTTG1	KIF23
PTTG1	KIF4A
PTTG1	KNSTRN
PTTG1	NCAPD2
PTTG1	TOP2A
PTTG1	TROAP
UBB	UBE2C
UBB	PIN1
UBE2C	ASPM
UBE2C	BIRC5
UBE2C	CCNF
UBE2C	CDCA2
UBE2C	CDCA3
UBE2C	CDCA8
UBE2C	CDKN3
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UBE2C	FAM64A
UBE2C	FAM83D
UBE2C	FOXM1
UBE2C	GTSE1
UBE2C	HMMR
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UBE2C	KIF20A
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UBE2C	NCAPD2
UBE2C	PSRC1
UBE2C	TACC3
UBE2C	TOP2A
UBE2C	TROAP
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ASPM	CCNF
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ASPM	CDCA3
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ASPM	KIF20A
ASPM	KIF23
ASPM	KIF4A
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ASPM	PSRC1
ASPM	TACC3
ASPM	TOP2A
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BIRC5	CDCA2
BIRC5	CDCA3
BIRC5	CDCA8
BIRC5	CDKN3
BIRC5	CENPA
BIRC5	CENPE
BIRC5	CENPF
BIRC5	DLGAP5
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BIRC5	FAM83D
BIRC5	FOXM1
BIRC5	GTSE1
BIRC5	HMMR
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BIRC5	KIF23
BIRC5	KIF4A
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BIRC5	TROAP
BIRC5	RCC2
BIRC5	FOXO3
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CCNF	CDCA3
CCNF	CDCA8
CCNF	CDKN3
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CCNF	CENPE
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CCNF	TACC3
CCNF	TOP2A
CCNF	TROAP
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CDCA2	CDCA8
CDCA2	CDKN3
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CDCA2	FAM83D
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CDCA2	GTSE1
CDCA2	HMMR
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CDCA2	KIF18B
CDCA2	KIF20A
CDCA2	KIF23
CDCA2	KIF4A
CDCA2	KNSTRN
CDCA2	NCAPD2



CDCA2	TACC3
CDCA2	TOP2A
CDCA2	TROAP
CDCA2	PIF1
CDCA3	CDCA8
CDCA3	CDKN3
CDCA3	CENPA
CDCA3	CENPE
CDCA3	CENPF
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CDCA3	GTSE1
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CDCA3	KIF4A
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CDCA3	TACC3
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CDCA3	TROAP
CDCA8	CDKN3
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CDCA8	KIF20A
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CDCA8	KIF4A
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CDCA8	NCAPD2
CDCA8	PSRC1
CDCA8	TACC3
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CDCA8	TROAP
CDCA8	RCC2
CDKN3	CENPA
CDKN3	CENPE

CDKN3	CENPF
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CDKN3	FAM64A
CDKN3	FAM83D
CDKN3	FOXM1
CDKN3	GTSE1
CDKN3	HMMR
CDKN3	KIF14
CDKN3	KIF18B
CDKN3	KIF20A
CDKN3	KIF23
CDKN3	KIF4A
CDKN3	KNSTRN
CDKN3	NCAPD2
CDKN3	PSRC1
CDKN3	TACC3
CDKN3	TOP2A
CDKN3	TROAP
CENPA	CENPE
CENPA	CENPF
CENPA	DLGAP5
CENPA	FAM64A
CENPA	FAM83D
CENPA	FOXM1
CENPA	GTSE1
CENPA	HMMR
CENPA	KIF14
CENPA	KIF18B
CENPA	KIF20A
CENPA	KIF23
CENPA	KIF4A
CENPA	KNSTRN
CENPA	NCAPD2
CENPA	PSRC1
CENPA	TACC3
CENPA	TOP2A
CENPA	TROAP
CENPA	RCC2
CENPA	PIN1
CENPE	CENPF
CENPE	DLGAP5
CENPE	FAM64A
CENPE	FAM83D
CENPE	FOXM1
CENPE	GTSE1
CENPE	HMMR
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CENPE	KIF18B
CENPE	KIF20A
CENPE	KIF23

CENPE	KIF4A
CENPE	KNSTRN
CENPE	NCAPD2
CENPE	TACC3
CENPE	TOP2A
CENPE	TROAP
CENPE	RCC2
CENPF	DLGAP5
CENPF	FAM64A
CENPF	FAM83D
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CENPF	GTSE1
CENPF	HMMR
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CENPF	KIF18B
CENPF	KIF20A
CENPF	KIF23
CENPF	KIF4A
CENPF	KNSTRN
CENPF	NCAPD2
CENPF	PSRC1
CENPF	TACC3
CENPF	TOP2A
CENPF	TROAP
CENPF	RCC2
DLGAP5	FAM64A
DLGAP5	FAM83D
DLGAP5	FOXM1
DLGAP5	GTSE1
DLGAP5	HMMR
DLGAP5	KIF14
DLGAP5	KIF18B
DLGAP5	KIF20A
DLGAP5	KIF23
DLGAP5	KIF4A
DLGAP5	KNSTRN
DLGAP5	NCAPD2
DLGAP5	PSRC1
DLGAP5	TACC3
DLGAP5	TOP2A
DLGAP5	TROAP
FAM64A	FAM83D
FAM64A	FOXM1
FAM64A	GTSE1
FAM64A	HMMR
FAM64A	KIF14
FAM64A	KIF18B
FAM64A	KIF20A
FAM64A	KIF23
FAM64A	KIF4A

FAM64A	KNSTRN
FAM64A	NCAPD2
FAM64A	PSRC1
FAM64A	TACC3
FAM64A	TOP2A
FAM64A	TROAP
FAM64A	PIN1
FAM83D	FOXM1
FAM83D	GTSE1
FAM83D	HMMR
FAM83D	KIF14
FAM83D	KIF20A
FAM83D	KIF23
FAM83D	KIF4A
FAM83D	KNSTRN
FAM83D	NCAPD2
FAM83D	TOP2A
FAM83D	TROAP
FOXM1	GTSE1
FOXM1	HMMR
FOXM1	KIF14
FOXM1	KIF18B
FOXM1	KIF20A
FOXM1	KIF23
FOXM1	KIF4A
FOXM1	KNSTRN
FOXM1	NCAPD2
FOXM1	TACC3
FOXM1	TOP2A
FOXM1	TROAP
FOXM1	FOXO3
GTSE1	HMMR
GTSE1	KIF14
GTSE1	KIF18B
GTSE1	KIF20A
GTSE1	KIF23
GTSE1	KIF4A
GTSE1	KNSTRN
GTSE1	NCAPD2
GTSE1	PSRC1
GTSE1	TACC3
GTSE1	TOP2A
GTSE1	TROAP
HMMR	KIF14
HMMR	KIF18B
HMMR	KIF20A
HMMR	KIF23
HMMR	KIF4A
HMMR	KNSTRN
HMMR	NCAPD2

HMMR	PSRC1
HMMR	TACC3
HMMR	TOP2A
HMMR	TROAP
KIF14	KIF18B
KIF14	KIF20A
KIF14	KIF23
KIF14	KIF4A
KIF14	NCAPD2
KIF14	TACC3
KIF14	TOP2A
KIF14	TROAP
KIF18B	KIF20A
KIF18B	KIF23
KIF18B	KIF4A
KIF18B	KNSTRN
KIF18B	TACC3
KIF18B	TOP2A
KIF18B	TROAP
KIF20A	KIF23
KIF20A	KIF4A
KIF20A	KNSTRN
KIF20A	NCAPD2
KIF20A	PSRC1
KIF20A	TACC3
KIF20A	TOP2A
KIF20A	TROAP
KIF23	KIF4A
KIF23	KNSTRN
KIF23	NCAPD2
KIF23	PSRC1
KIF23	TACC3
KIF23	TOP2A
KIF23	TROAP
KIF23	PIF1
KIF4A	KNSTRN
KIF4A	NCAPD2
KIF4A	PSRC1
KIF4A	TACC3
KIF4A	TOP2A
KIF4A	TROAP
KNSTRN	NCAPD2
KNSTRN	PSRC1
KNSTRN	TACC3
KNSTRN	TOP2A
KNSTRN	TROAP
NCAPD2	TACC3
NCAPD2	TOP2A
NCAPD2	TROAP
PSRC1	TROAP

TACC3	TOP2A
TACC3	TROAP
TOP2A	TROAP
TOP2A	PIN1

## Degree

PLK1	41
CCNB1	41
CDC20	40
BUB1B	38
AURKA	38
AURKB	38
BIRC5	37
NEK2	37
CENPA	37
UBE2C	37
CDCA8	36
CENPF	36
KIF23	36
FOXM1	35
FAM64A	35
CDKN3	35
ASPM	35
KIF4A	35
CDCA2	35
CDCA3	35
DLGAP5	35
TOP2A	35
HMMR	35
CENPE	35
TROAP	35
KIF20A	35
GTSE1	34
NCAPD2	33
KNSTRN	33
TACC3	32
KIF14	32
FAM83D	32
PTTG1	32
KIF18B	30
CCNF	29
PSRC1	24
UBB	11
RCC2	10
ANAPC7	10
PIN1	6
PIF1	4
FOXO3	4
FBXO43	3