

Table S14. 149 primary communicative genes

Module 1 (cell cycle)		Module 2 (immune system)	
GeneSymbole	LogFC	GeneSymbole	LogFC
CCNB1	1.751606	EGF	2.015857
CDC20	1.018947	H2AFX	1.339597
CDK1	1.782422	IFNG	3.903068
CCNA2	1.425815	MAPK14	1.380447
AURKA	1.469726	SOCS3	1.222717
TPX2	1.218712	IRF1	1.246018
BIRC5	1.666018	CAT	-1.02214
ASPM	1.459225	IL1B	1.24602
BUB1B	1.14086	STAT1	2.268373
PLK1	1.081502	DDX58	1.732727
MKI67	1.555337	MCL1	1.374379
KIF4A	1.435557	NCAM1	-1.50577
BUB1	1.347923	CXCL8	1.938556
CENPF	1.312028	CDH2	-1.19601
CCNB2	1.265481	UBE2N	1.454899
KIF2C	1.063634	LYN	1.202117
CENPE	1.727115	IFIH1	2.025857
TTK	1.547076	CXCL10	2.492372
EXO1	1.452831	OASL	3.850159
HMMR	1.439402	UBE2L6	1.137636
DLGAP5	1.314865	IL17A	2.007943
TOP2A	1.270339	MUC1	-1.87438
KIF11	1.072411	NEDD4L	-1.13571
MAD2L1	1.171882	PIK3R1	-1.11169
KIF15	1.106039	ISG15	2.421688
NUF2	1.048822	ACTA2	-1.07901
RRM2	2.435553	HERC6	1.267729
NDC80	1.600941	FGFR1	1.039025
KIF20A	1.539143	PRKCB	-1.20835
NCAPG	1.411422	IRF7	1.608537
KIF23	1.296159	NOS2	2.907845
CDCA5	1.031743	PPARG	-1.33643
MELK	1.531124	LEP	-1.82199
CEP55	1.342255	CBL	1.327704
NCAPH	1.23415	CXCL9	1.938556
NEK2	1.205286	HMOX1	-2.42017
PBK	1.200299	APOE	-1.11821
PRC1	1.112868	CXCL11	1.527269
CDC6	1.500884	PDGFRA	-1.04914
CDC25C	1.138681	OAS1	2.522087
OIP5	1.048265	OAS2	2.865296
CDCA2	1.422932	OAS3	2.350212
DTL	1.127632	IL23A	1.24602

FOXM1	-1.00236	PPARA	-1.00535
CHEK1	1.602945	REN	3.407901
MCM10	1.532975	RALA	1.081825
TRIP13	1.273851	CALML5	1.053977
CDKN3	1.425817	CALML3	1.267862
CENPN	1.357144	CFTR	-1.2463
PTTG1	1.235721	MAPK13	1.107849
RAD51AP1	1.002493	DLG2	1.029973
KIF18A	1.290972	DLG3	1.668509
ASF1B	1.259889	DCN	1.216145
SKA3	1.113315	TJP1	1.551018
DEPDC1	1.834209	SPTAN1	-1.36387
KIF14	1.52683	CYP2B6	-1.15122
ECT2	-1.62846	MYH14	-1.43884
SMC4	1.037946	GNAZ	1.054781
SPC25	1.542773	ACACB	-1.32206
SKA1	1.395567	HSD11B1	1.526098
KIF18B	1.257541	RIT1	1.168371
CDT1	1.287663	MGP	-1.0137
CKS2	1.166541	STAT3	1.519357
GTSE1	1.20401		
SGOL1	1.119508		
ERCC6L	1.371814		
TROAP	1.278355		
ORC1	1.074018		
CDC25A	1.04232		
CASC5	1.269604		
CKAP2L	1.097901		
FAM83D	-1.21593		
KPNA2	1.160963		
CENPI	1.003546		
HELLS	2.781395		
CCNF	1.333266		
TK1	1.035878		
DEPDC1B	-1.1314		
STIL	1.197017		
PARPBP	1.096107		
TICRR	1.1655		
BLM	1.13553		
KIF2A	1.066713		
NDEL1	1.06672		
TUBG1	1.230465		
TNNC1	-1.64639		
