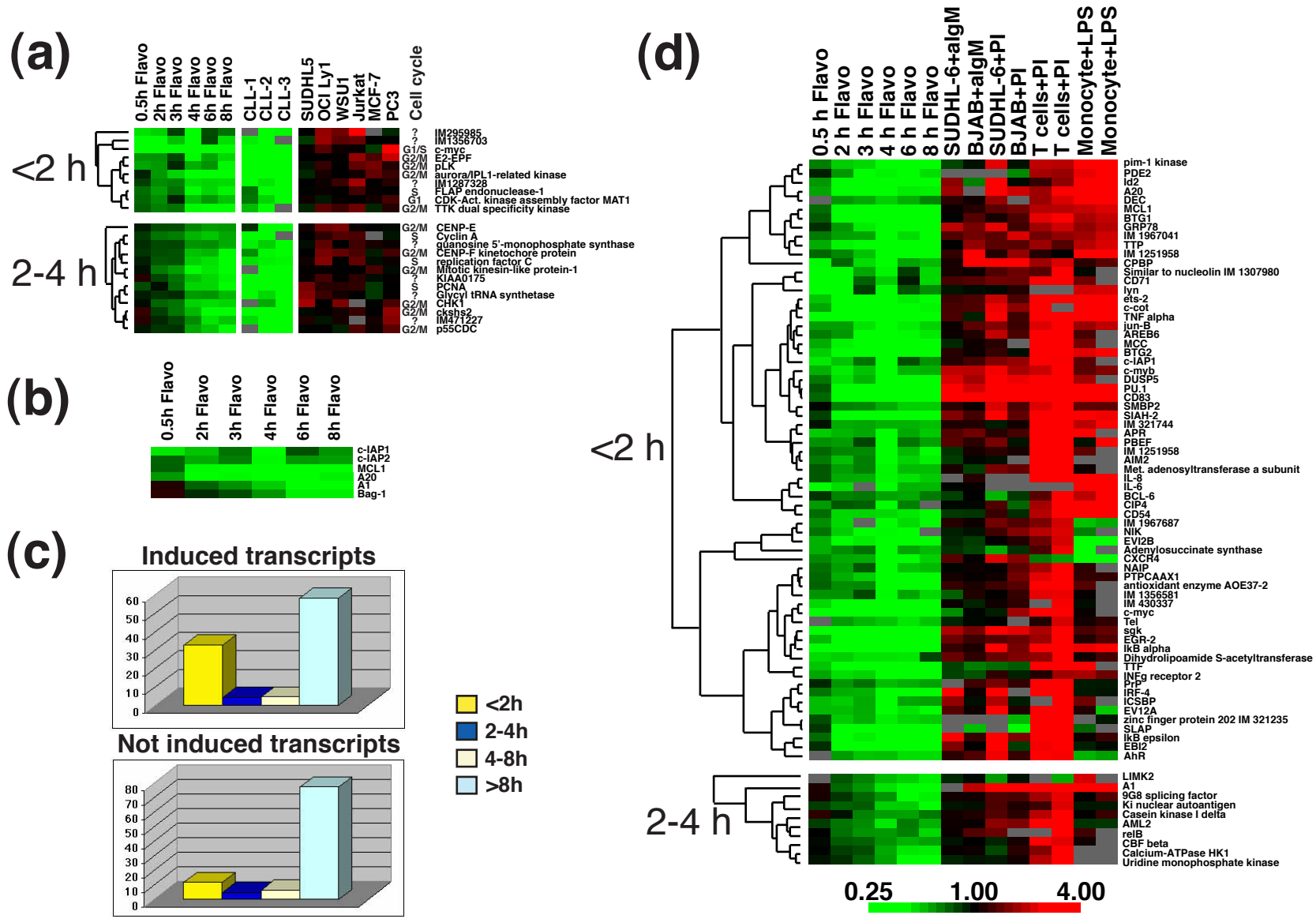
(a)
0.5h Flavo
2h Flavo
3h Flavo
4h Flavo
6h Flavo
8h Flavo
CLL-1
CLL-2
CLL-3
SUDHL5
OCI Ly1
WSU1
Jurkat
MCF-7
PC3
Cell cycle
<2 h
2-4 h
? IM295985
? IM1356703
G1/S c-myc
G2/M E2-EPF
G2/M pLK
G2/M aurora/IPL1-related kinase
? IM1287328
S FLAP endonuclease-1
G1 CDK-Act. kinase assembly factor MAT1
G2/M TTK dual specificity kinase
G2/M CENP-E
S Cyclin A
? guanosine 5'-monophosphate synthase
G2/M CENP-F kinetochore protein
S replication factor C
G2/M Mitotic kinesin-like protein-1
? KIAA0175
S PCNA
? Glycyl tRNA synthetase
G2/M CHK1
G2/M ckshs2
? IM471227
G2/M p55CDC
(b)
0.5h Flavo
2h Flavo
3h Flavo
4h Flavo
6h Flavo
8h Flavo
c-IAP1
c-IAP2
MCL1
A20
A1
Bag-1
(c)
Induced transcripts
60
50
40
30
20
10
0
Not induced transcripts
80
70
60
50
40
30
20
10
0
<2h
2-4h
4-8h
>8h
(d)
0.5 h Flavo
2 h Flavo
3 h Flavo
4 h Flavo
6 h Flavo
8 h Flavo
SUDHL-6+algM
BJAB+algM
SUDHL-6+PI
BJAB+PI
T cells+PI
T cells+PI
Monocyte+LPS
Monocyte+LPS
<2 h
2-4 h
pim-1 kinase
PDE2
Id2
A20
DEC
MCL1
BTG1
GRP78
IM 1967041
TTP
IM 1251958
CPBP
Similar to nucleolin IM 1307980
CD71
lyn
ets-2
c-cot
TNF alpha
jun-B
AREB6
MCC
BTG2
c-IAP1
c-myb
DUSP5
PU.1
CD83
SMBP2
SIAH-2
IM 321744
APR
PBEF
IM 1251958
AIM2
Met. adenosyltransferase a subunit
IL-8
IL-6
BCL-6
CIP4
CD54
IM 1967687
NIK
EVI2B
Adenylosuccinate synthase
CXCR4
NAIP
PTPCAAX1
antioxidant enzyme AOE37-2
IM 1356581
IM 430337
c-myc
Tel
sgk
EGR-2
IkB alpha
Dihydrolipoamide S-acetyltransferase
TTF
INFg receptor 2
PrP
IRF-4
ICSBP
EV12A
zinc finger protein 202 IM 321235
SLAP
IkB epsilon
EBI2
AhR
LIMK2
A1
9G8 splicing factor
Ki nuclear autoantigen
Casein kinase I delta
AML2
relB
CBF beta
Calcium-ATPase HK1
Uridine monophosphate kinase
0.25
1.00
4.00