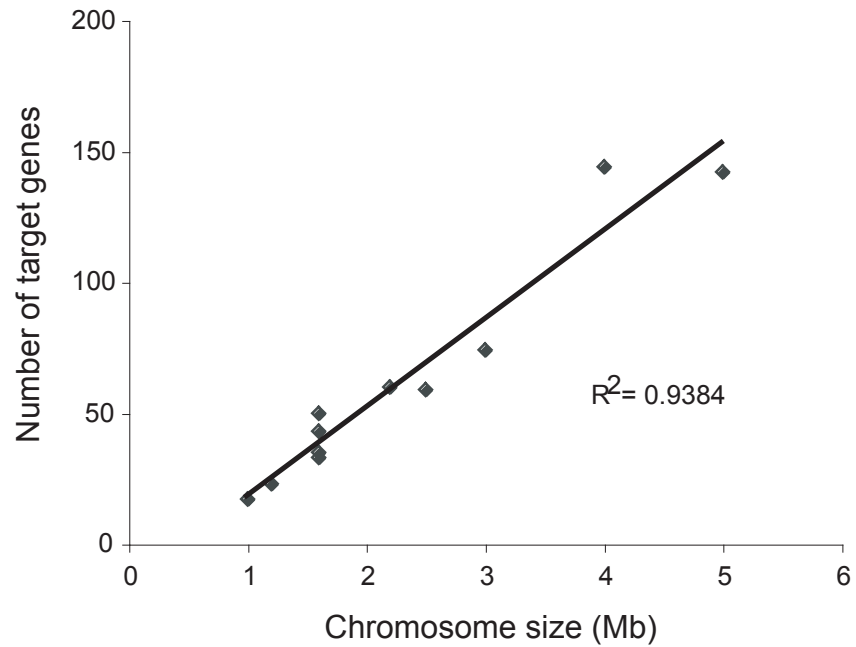


Figure S1

A

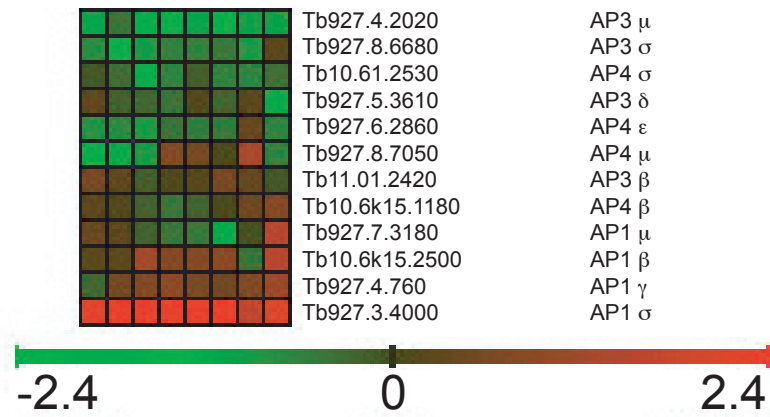


B

Chromosome	Size (Mb)	Number of target genes
I	1.0	17
II	1.2	23
III	1.6	43
IV	1.6	50
V	1.6	33
VI	1.6	35
VII	2.2	60
VIII	2.5	59
IX	3.0	74
X	4.0	144
XI	5.0	142

Figure S2

A



B

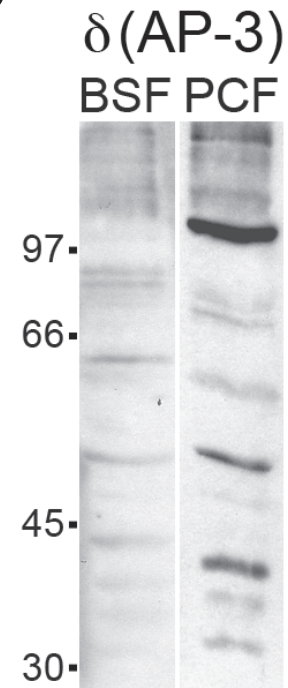
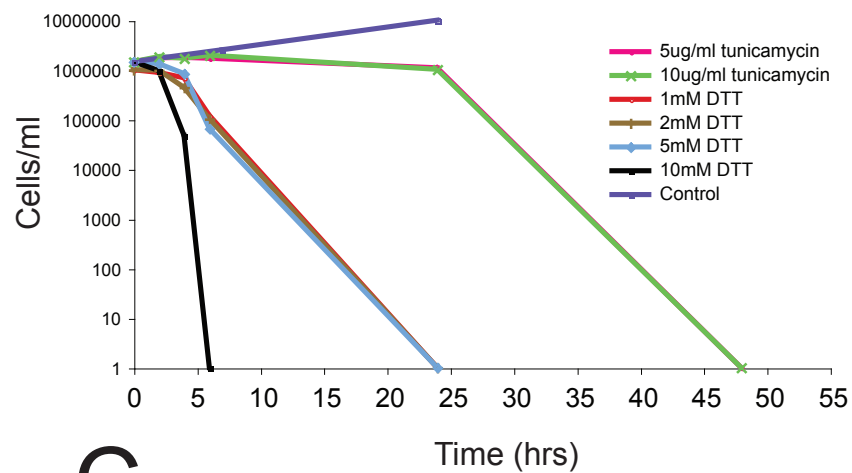
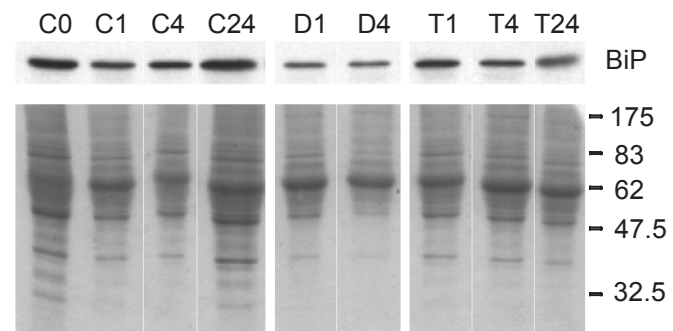


Figure S3

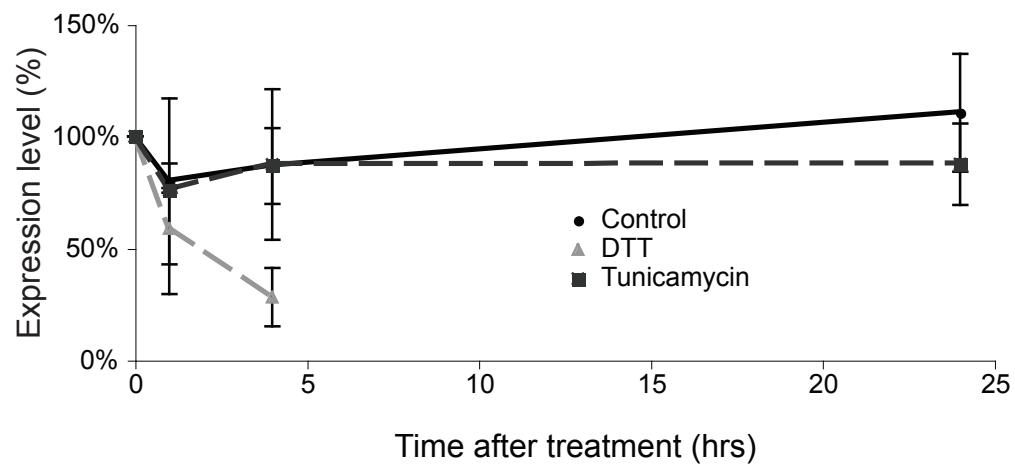
A



B



C



D

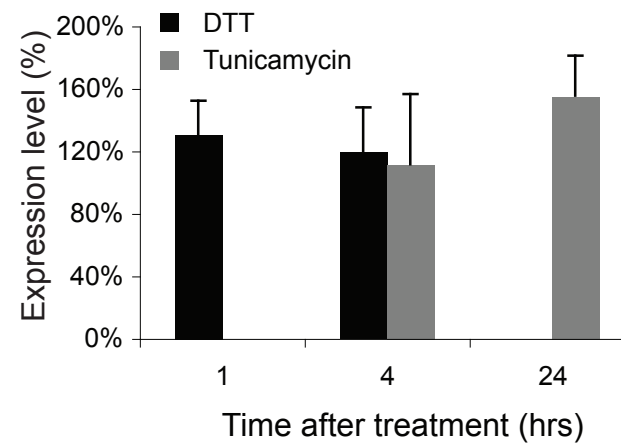
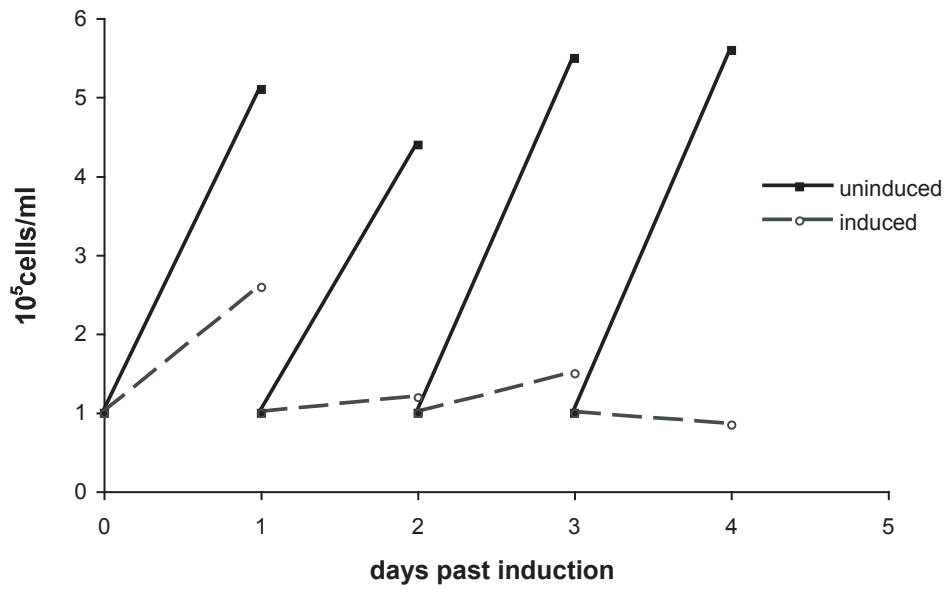


Figure S4

A



B

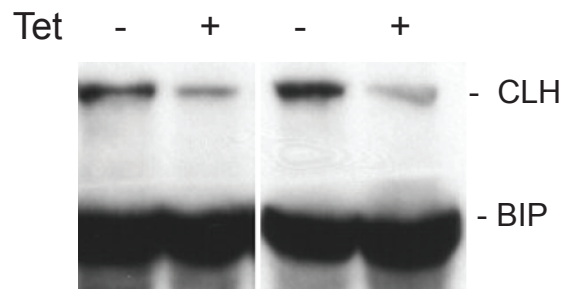


Table S2

	Total genes (version 1.0)	Increased in BSF	Increased in PCF	Equivalent
Cell surface	51	24	10	17
Chaperones	42	2	7	33
Small GTPases	61	14	0	47
G-protein regulation	48	0	0	48
Proteases	28	7	6	15
SNAREs	19	5	1	13
Tethering complexes	22	1	0	21
Vesicle coat proteins	31	5	2	24
PI kinases	25	4	2	19
Other kinases	97	6	16	75
ESCRT	13	0	1	12
Ubiquitin sorting	37	5	0	32
Other trafficking	201	15	11	175
Misc	121	8	33	80
Total	796	96	89	611
Percent		12	11	77