A

Gene expression (fold mas1ts/WT)

WT

mas1ts

TOM40  TOM22  TOM70  SAM50  MIA40  TIM23  TIM50  TIM22  TIM54  MDJ1  IRC25

B

WT  mas1ts

μg Mito.

20  40  20  40

TOM

Tom40

Tom20

Tom22

Tom70

SAM

Sam50

Sam37

small TIMs

Tim9

Tim10

MIA

Mia40

Erv1

Tim23/PAM

Tim23

Tim50

Pam16

Controls

Por1

Hsp10

C

α-Tom22

α-Tim22

α-Tim50

kDa

WT  mas1ts

140 - 440 -

TOM

TIM23

TIM22

WT  mas1ts

140 - 232 -

kDa

WT  mas1ts

140 - 440 -

kDa

WT  mas1ts

66 - 140 - 232 -