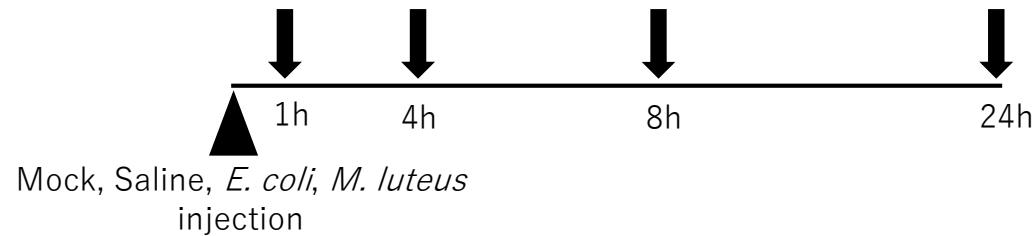
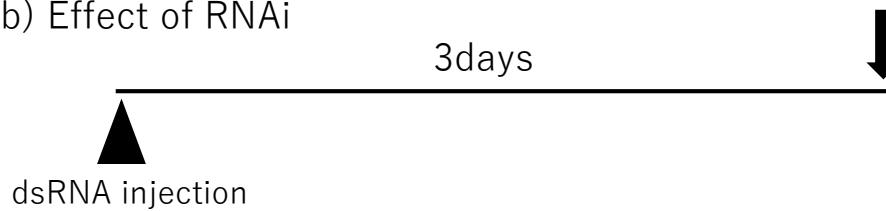


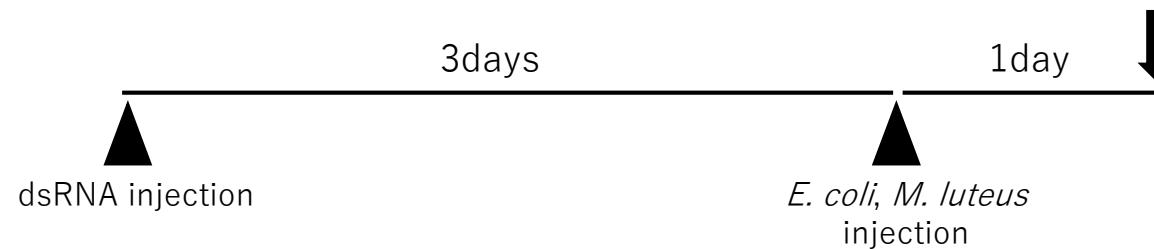
(a) Gene expression



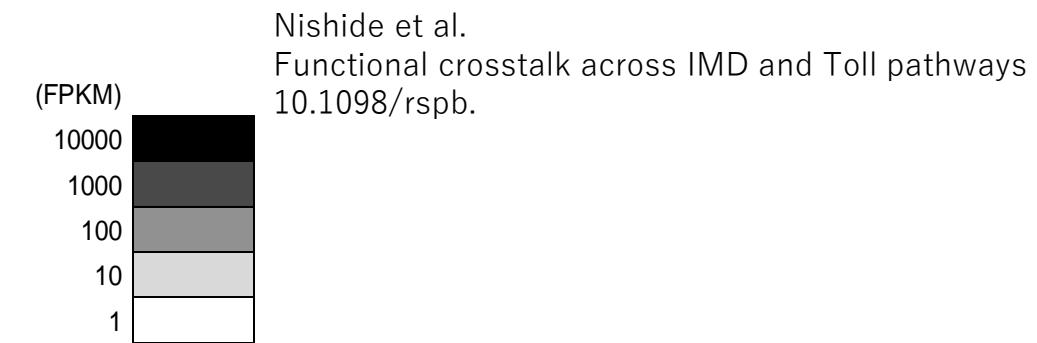
(b) Effect of RNAi



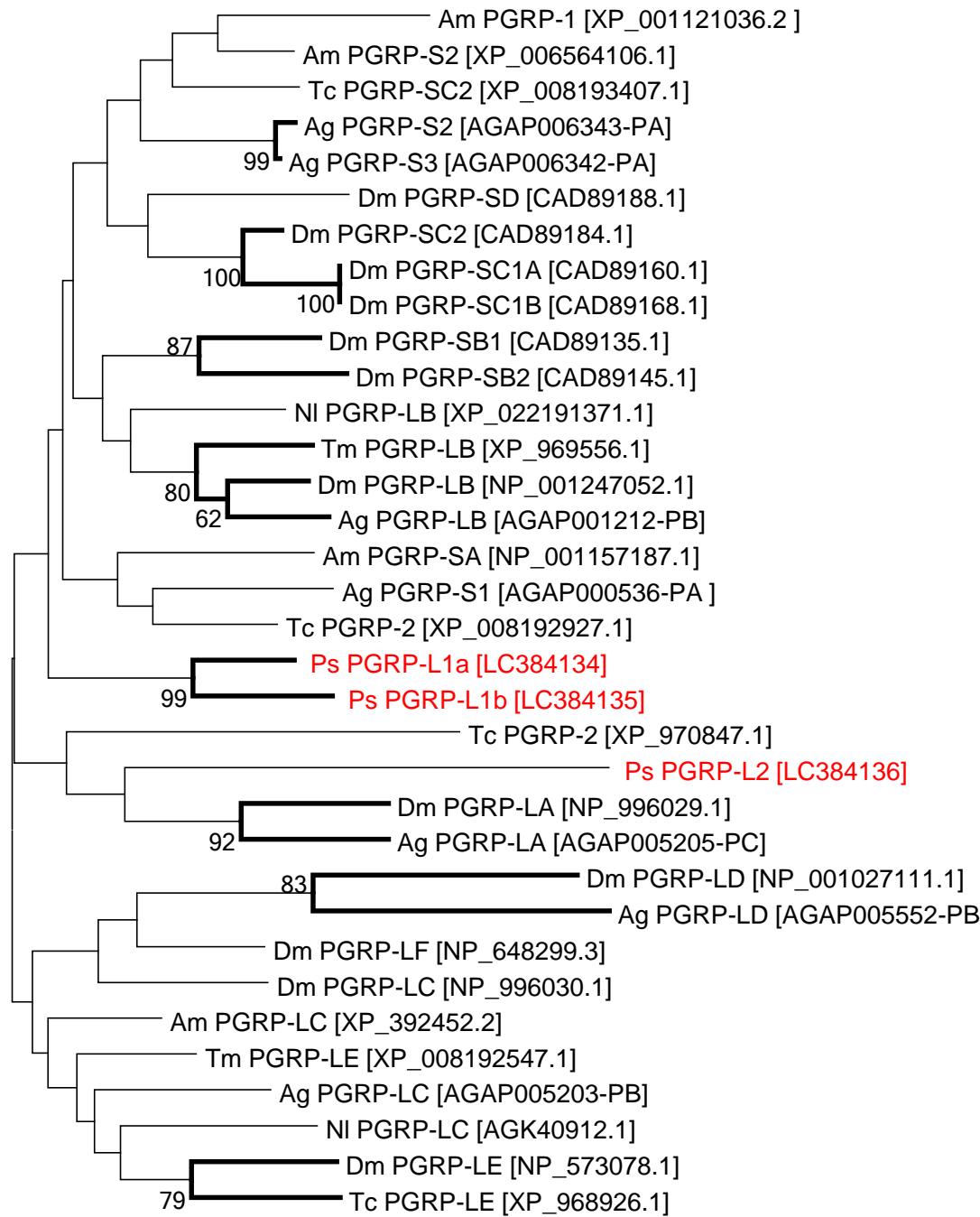
(c) Estimation of immune pathway

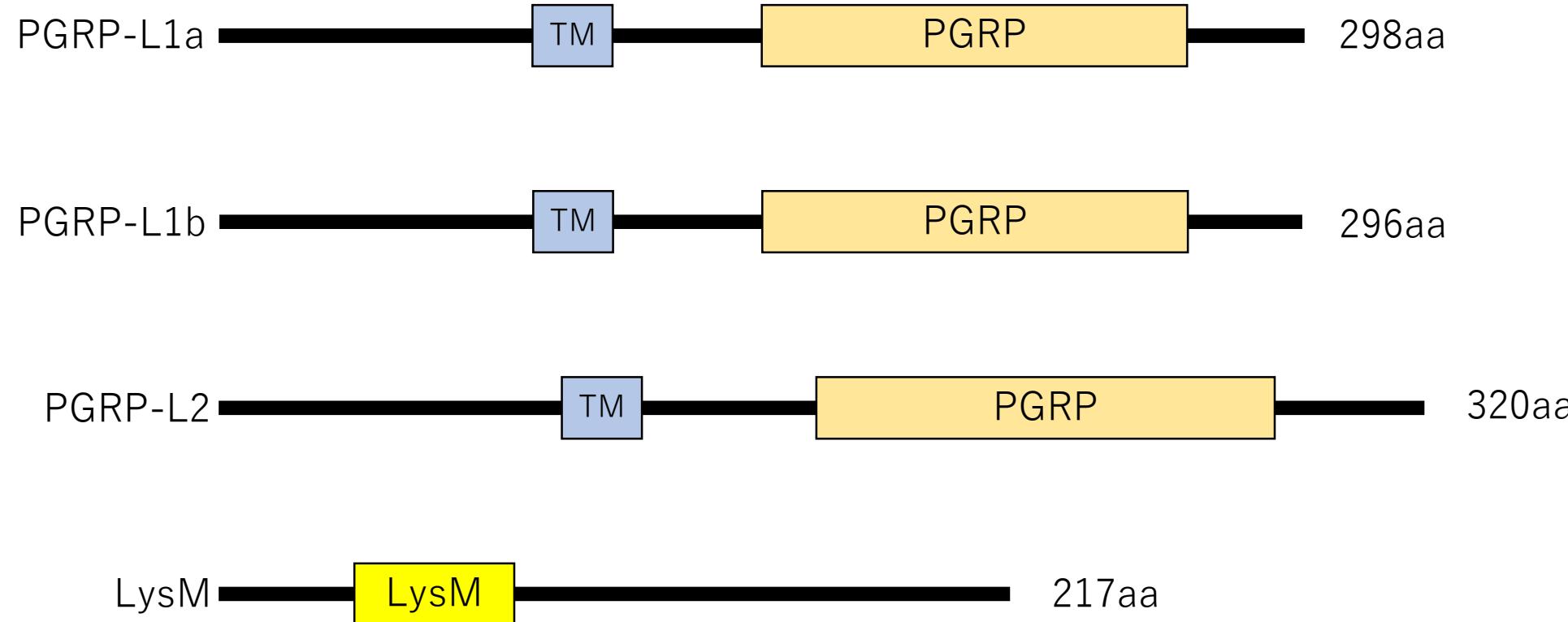


Gene	Accession number	non-treated	<i>E.coli</i> injected	<i>M. luteus</i> injected
Toll	spatzle	LC384118		
	Toll	LC384119		
	Myd88	LC384122		
	pelle	LC384123		
	tube	LC384124		
	Traf6	LC384125		
	cactus	LC384126		
	Dorsal-A	LC384127		
	Dorsal-B	LC384128		
IMD	Imd	LC384129		
	FADD	LC384130		
	Relish	LC384131		
	TAK1	LC384132		
	IKK-beta	LC384133		
PGRP	GNBP1	LC384120		
	GNBP2	LC384121		
	PGRP-L1a	LC384134		
	PGRP-L1b	LC384135		
	PGRP-L2	LC384136		
	LysM	LC384137		
Lysozyme	Lysozyme_b-1	LC384138		
	Lysozyme_b-2	LC384139		
	Lysozyme_c-1	LC384140		
	Lysozyme_c-2	LC384141		
	Lysozyme_c-3	LC384142		
	Lysozyme_i-1	LC384143		
AMP	Defensin1	LC384144		
	Defensin2	LC384145		
	Hemiptericin	LC384146		

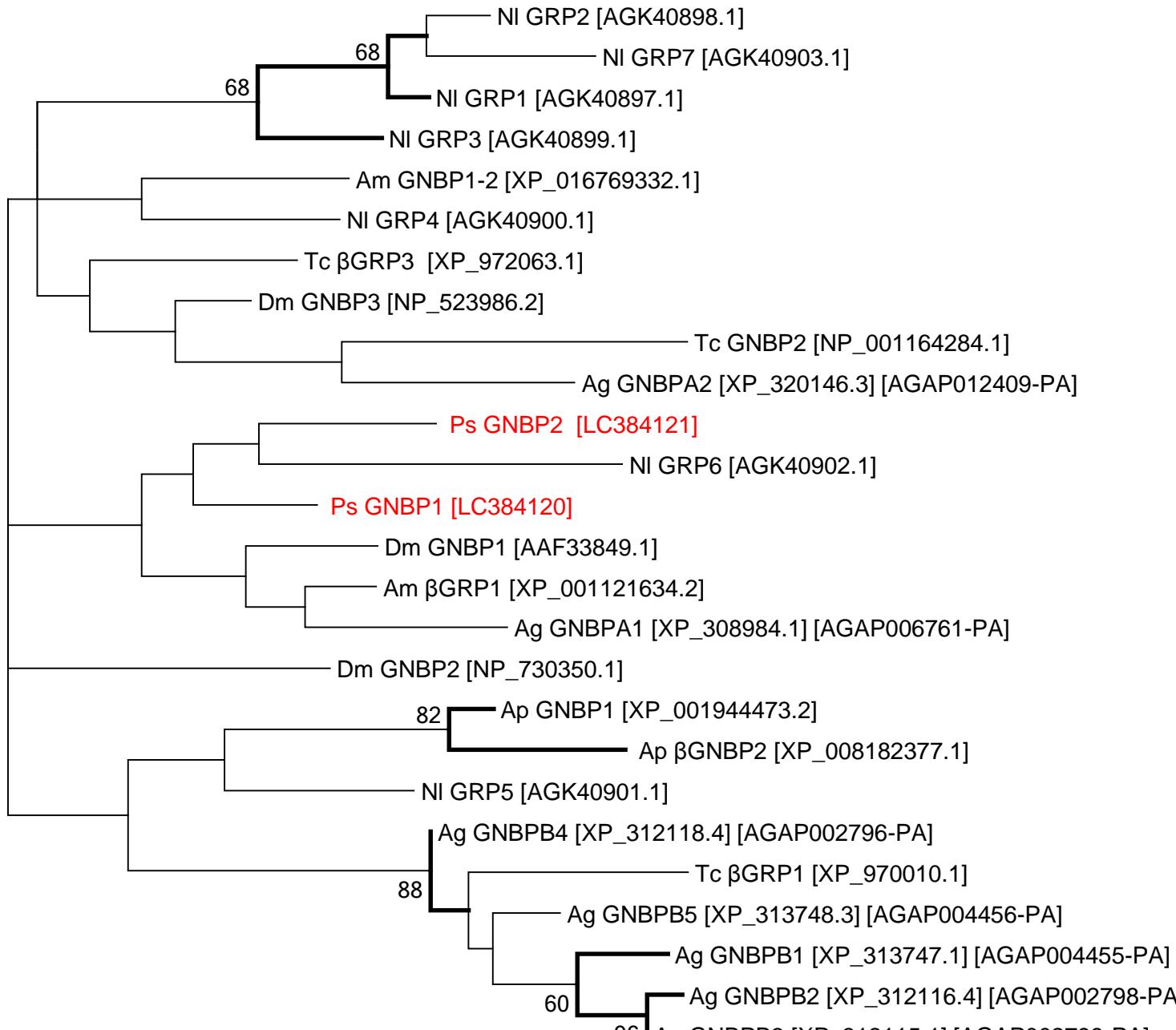


supFig. 2



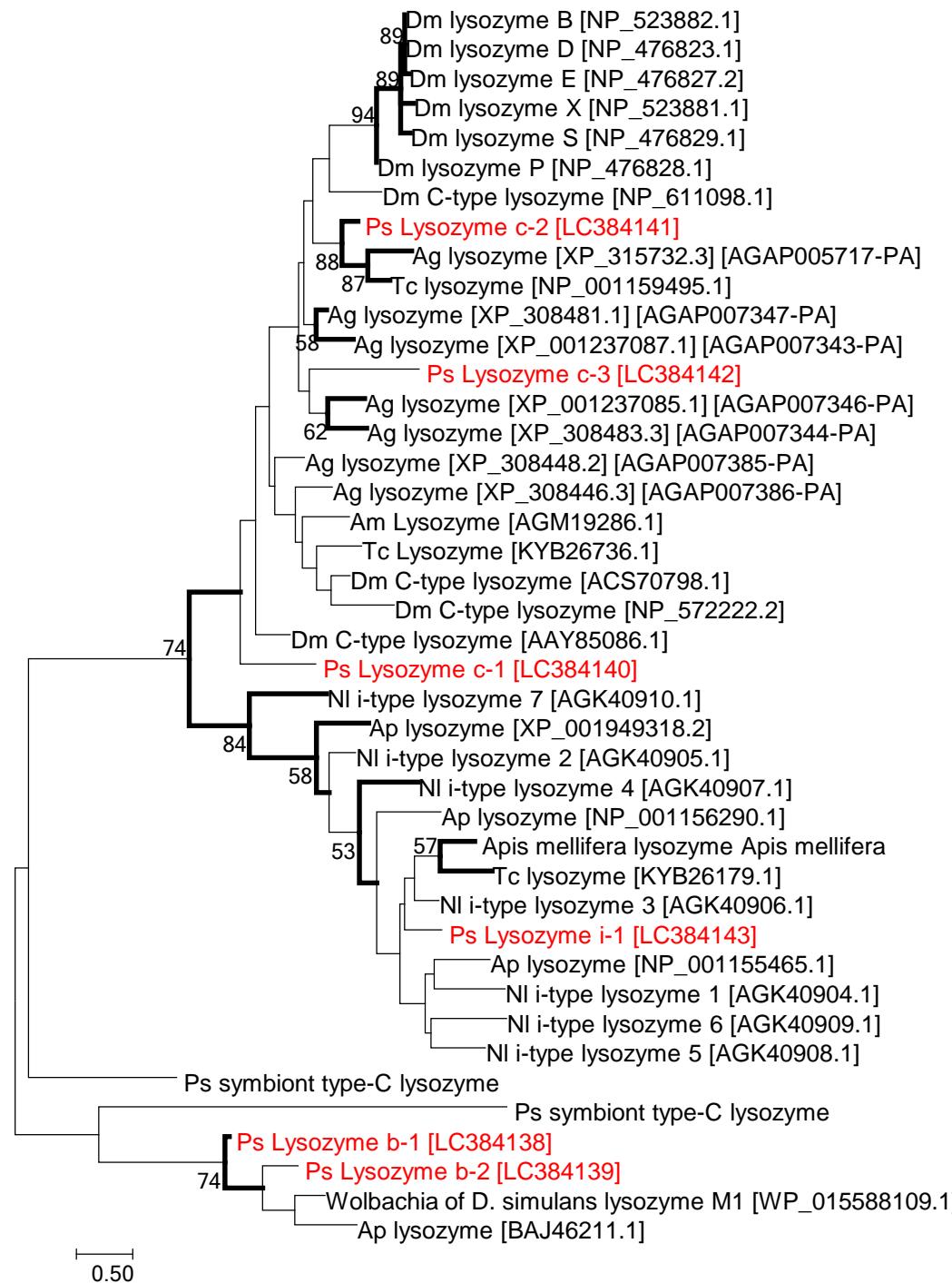


DmPGRP-SB1[CAD89135] (47) **AVDYVIIHHSD** ----- (86) **SDIGYNFIVAG** ----- (159) **YTLFGHHRQTKATSCPGDALYNE**
 DmPGRP-SB2 [CAD89145] (40) **PVRЛИIIHHTV** ----- (77) **RDIGYNFLIGG** ----- (150) **YSLVGHCQTKATACPGIHLNNE**
 DmPGRP-SC1A[CAD89160] (44) **YLSYAIИHHTA** ----- (82) **PDIGYNFLIGG** ----- (155) **YILYGHHRQVSATECPGTHIWNE**
 DmPGRP-SC1B[CAD89168] (44) **YLSYAIИHHTA** ----- (82) **PDIGYNFLIGG** ----- (155) **YILYGHHRQVSATECPGTHIWNE**
 DmPGRP-SC2[CAD89184] (43) **YLSYAVIHHTA** ----- (81) **ADIGYNFLIGG** ----- (154) **YILYGHHRQVGSTECPGTNIWNE**
 DmPGRP-LB[NP_650079] (35) **PAPYVIIHHSY** ----- (74) **NDIGYSFEGIGG** ----- (147) **YKLLGHHRQVRDTECPGGRLFAE**
 PsPGRP-L1a[LC384134] (149) **PAKYVVIGHTV** ----- (186) **CDIGYNFVIGG** ----- (259) **YKLFGEHQIRKSDSPGVHMEK**
 PsPGRP-L1b[LC384135] (150) **PAKYVVVGHTV** ----- (187) **CDIGYNFLIGD** ----- (260) **YKLVFQSQINQKESPGTNVVEEV**
 PsPGRP-L2[LC384136] (137) **PGLEIIISYEDW** ----- (188) **YSLKHNFYISG** ----- (256) **YNILPECCRNSDLAIIDNTTMA**
 PsLysM[LC384137] (50) **ALKYGVITTEEI** ----- (93) **EDSGLNPSNSG** ----- (170) **DSECSCGCDGNSSSSSGSRPSEV**



0.20

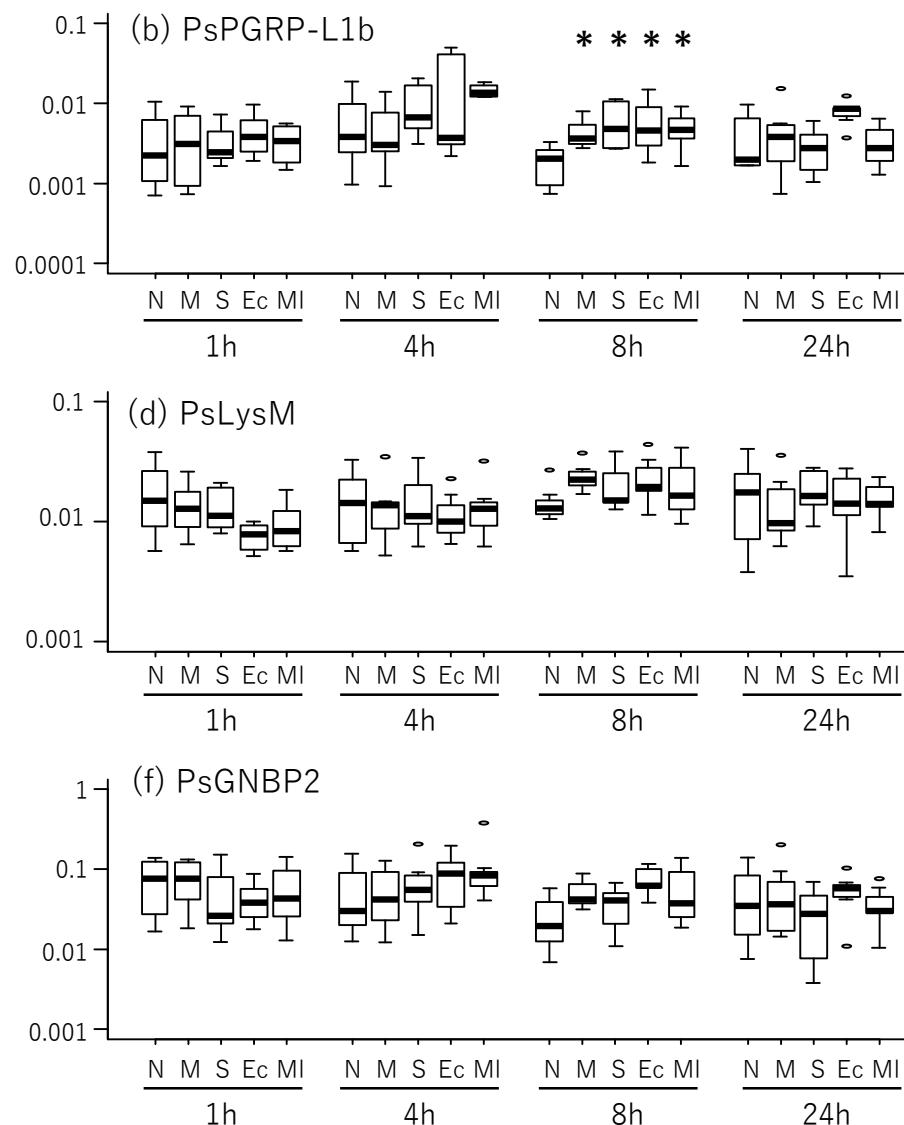
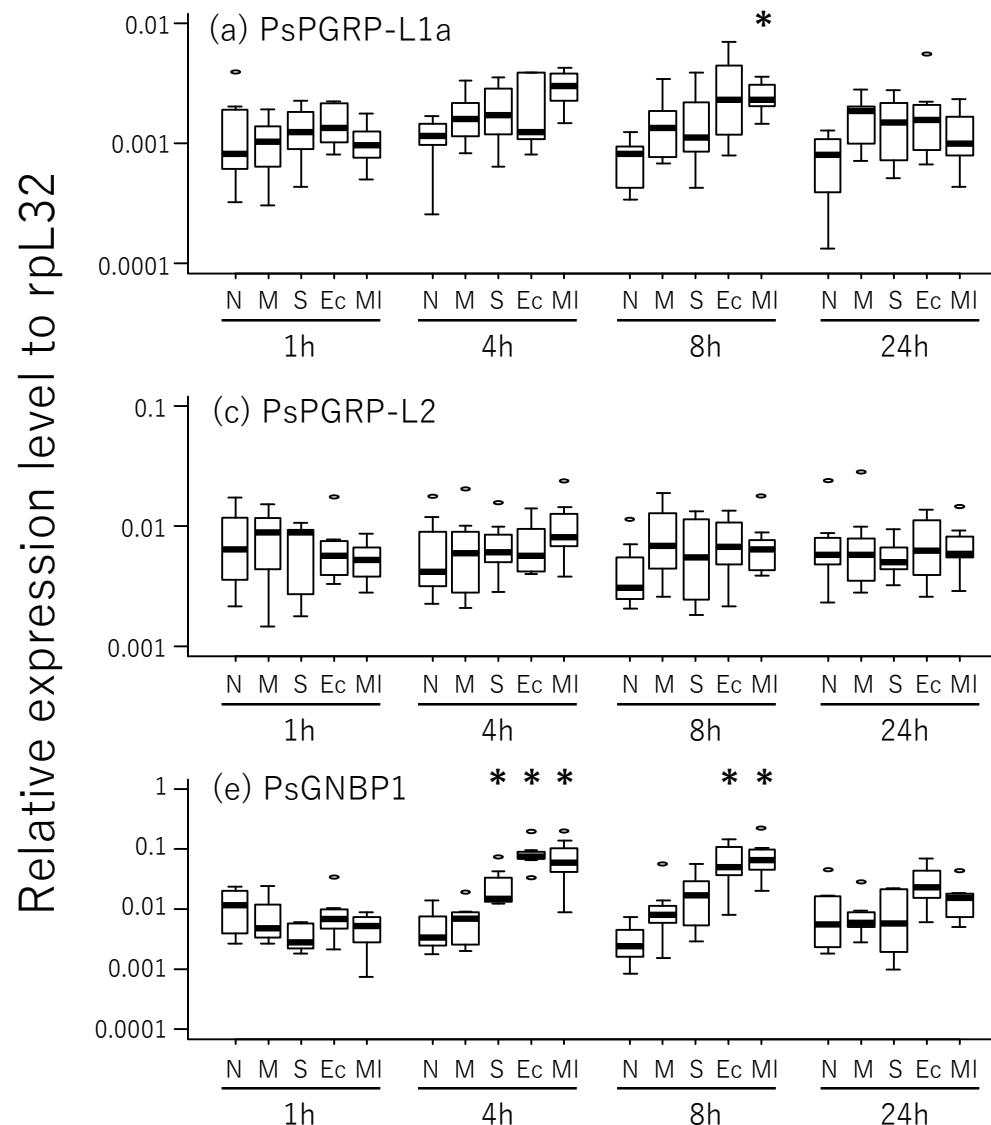
supFig. 6

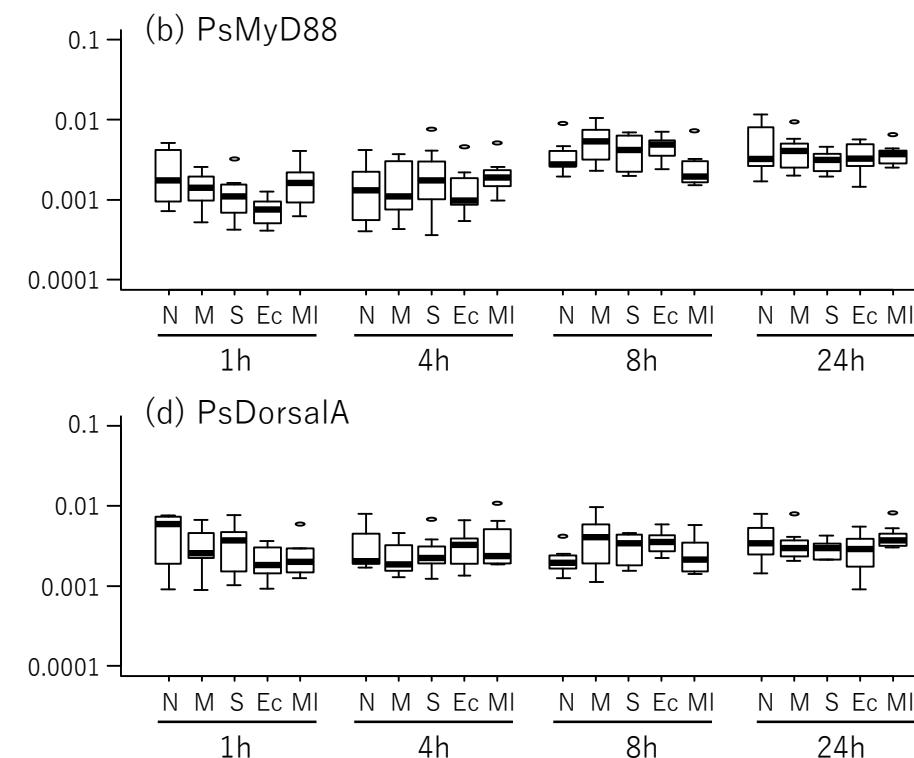
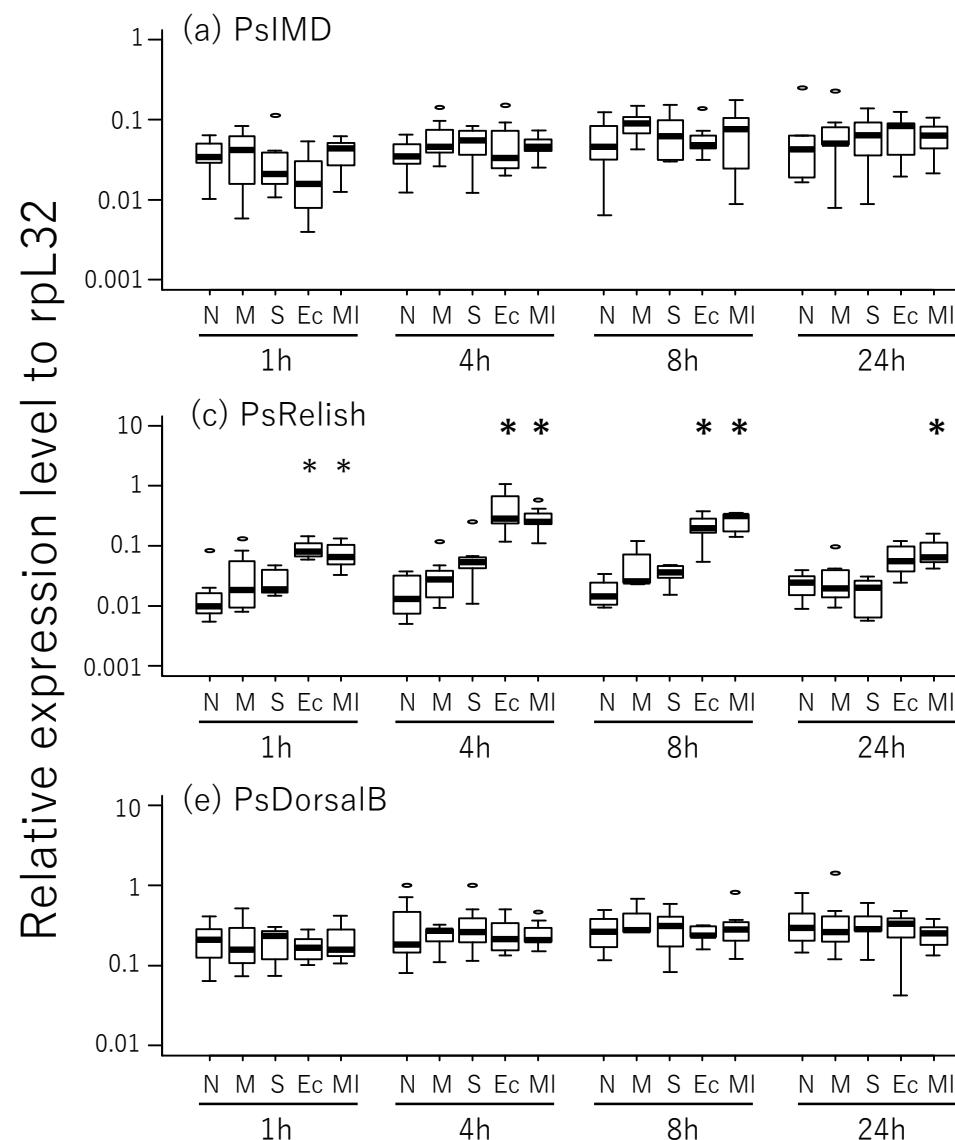


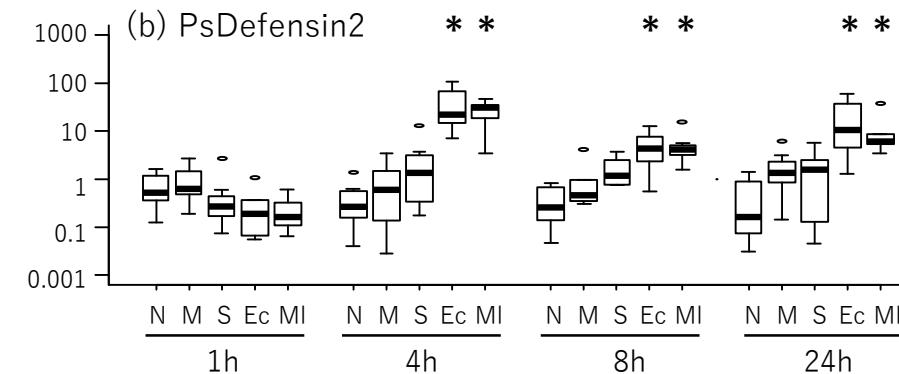
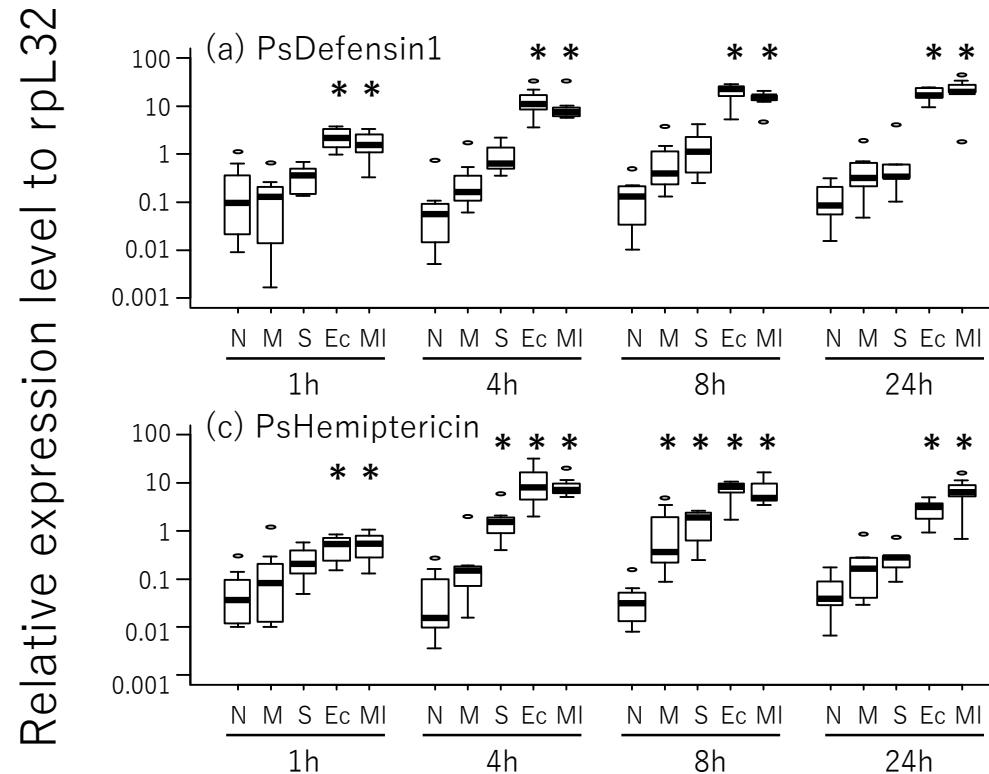
C-type

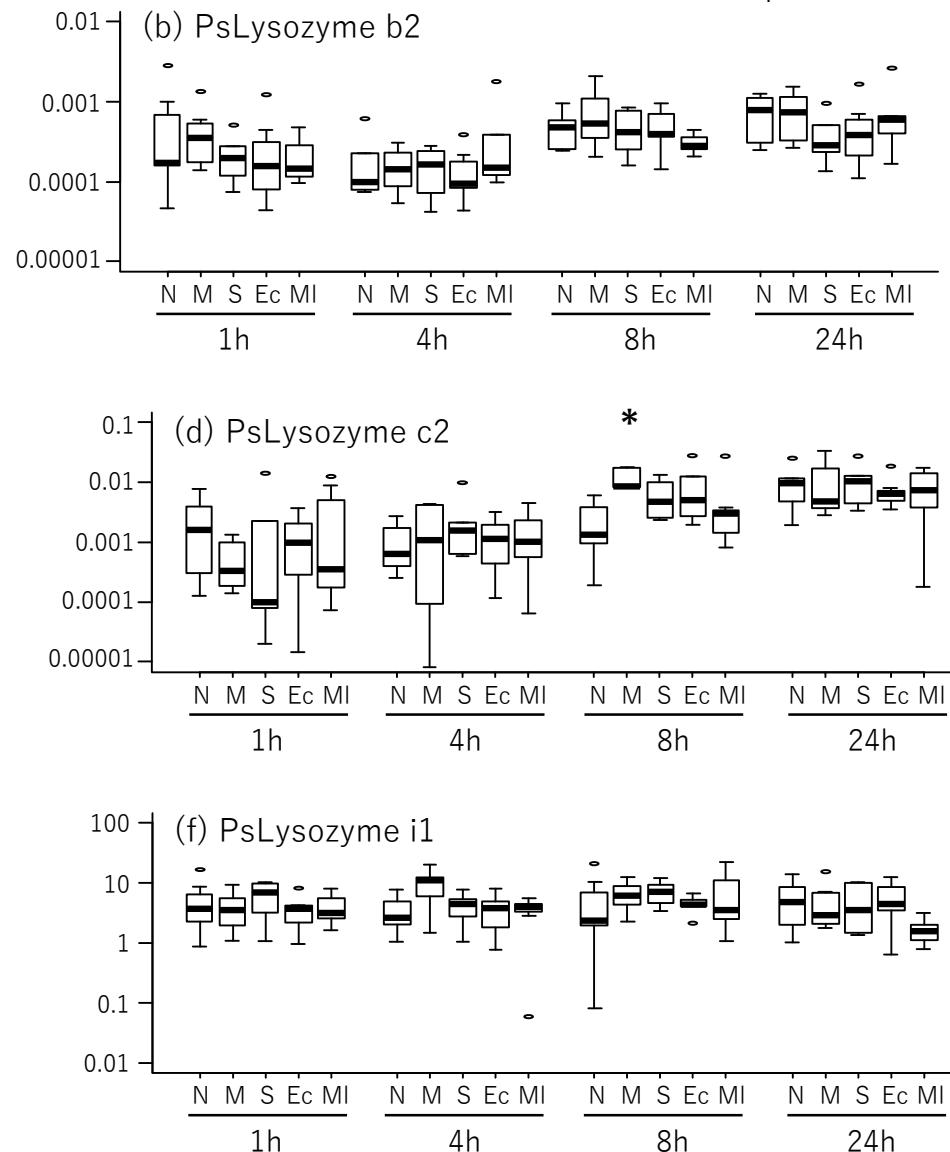
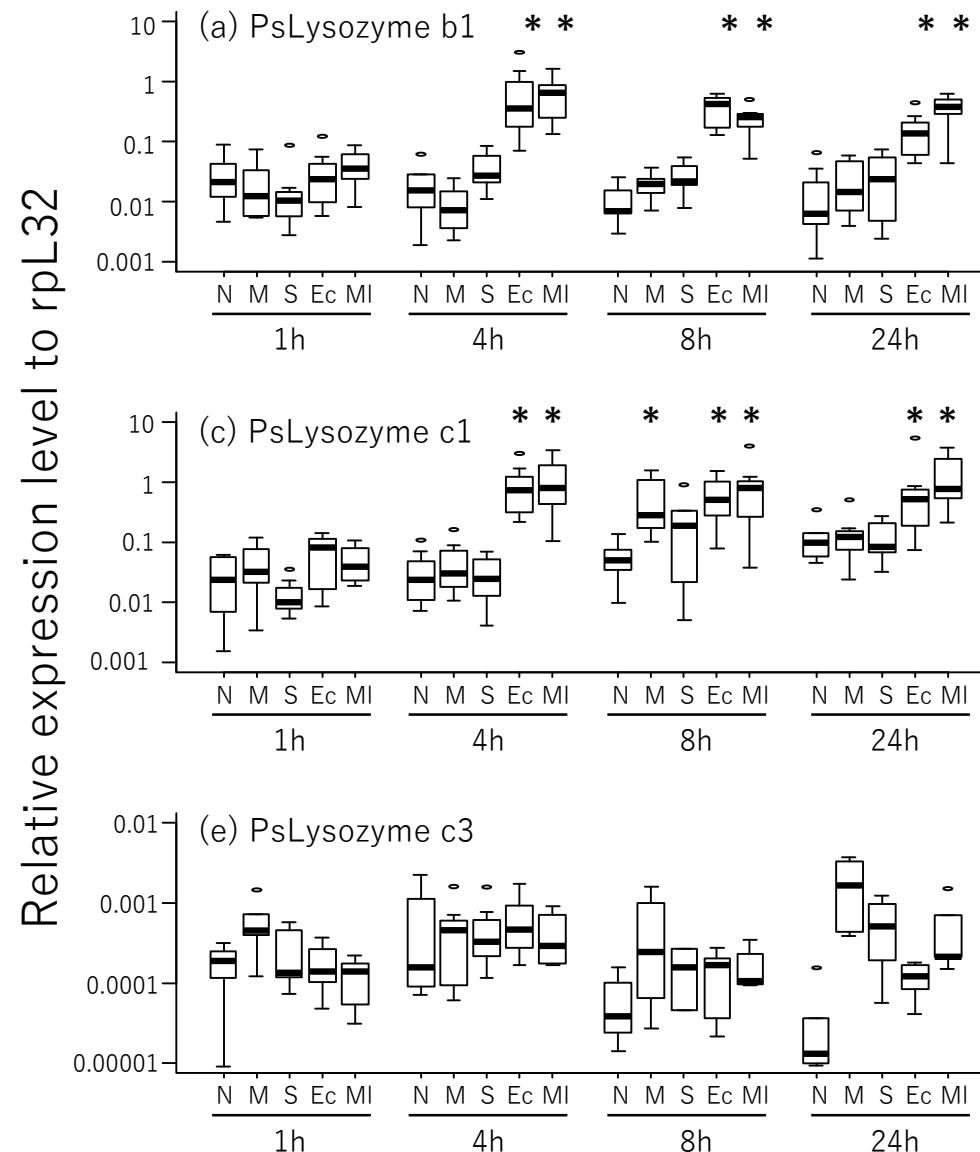
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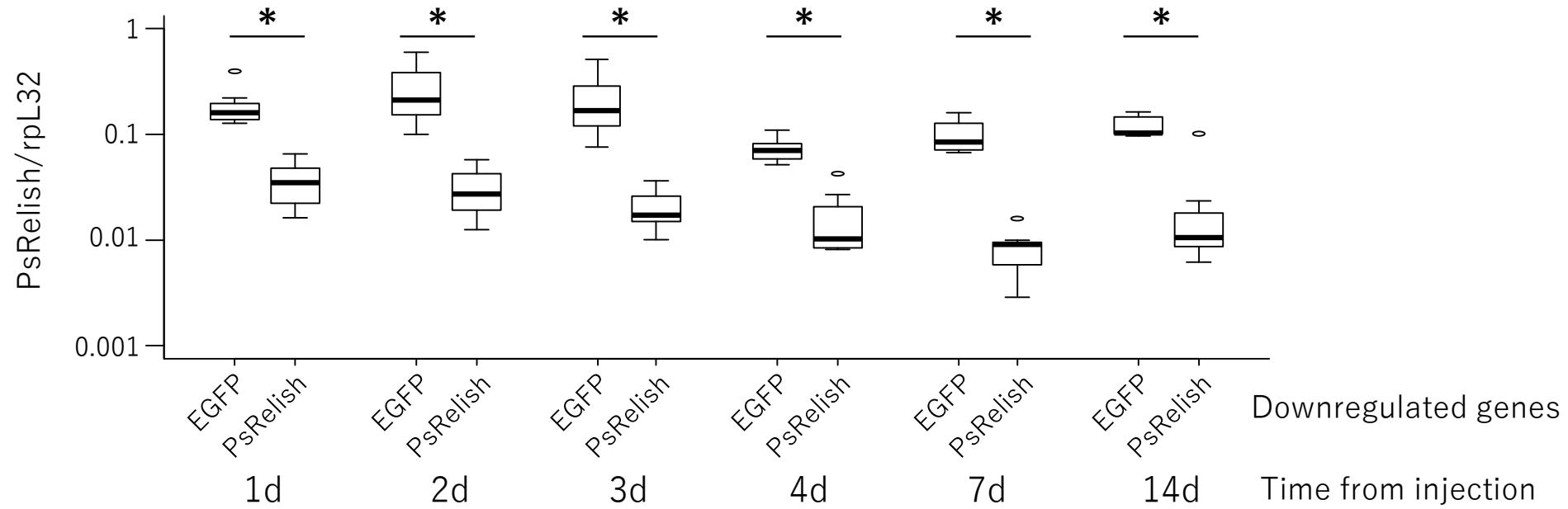
bacterial-type

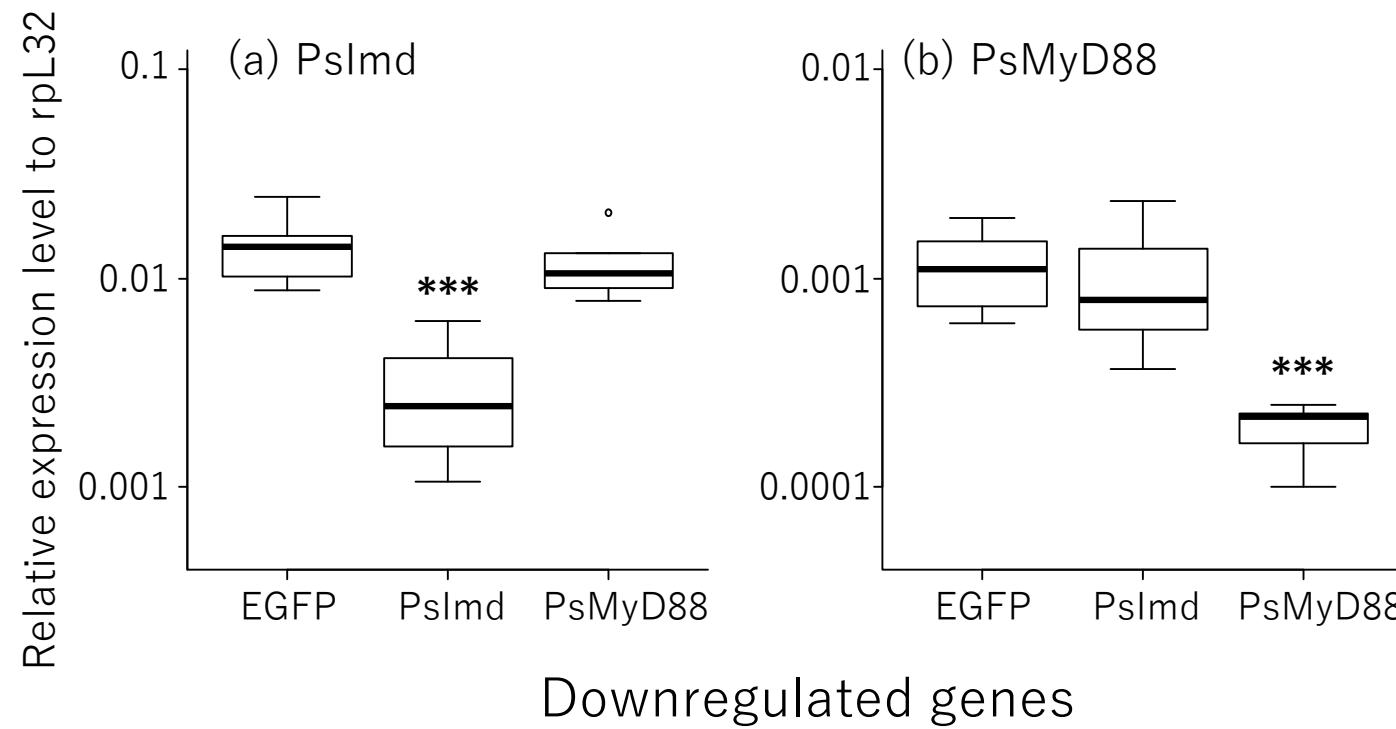


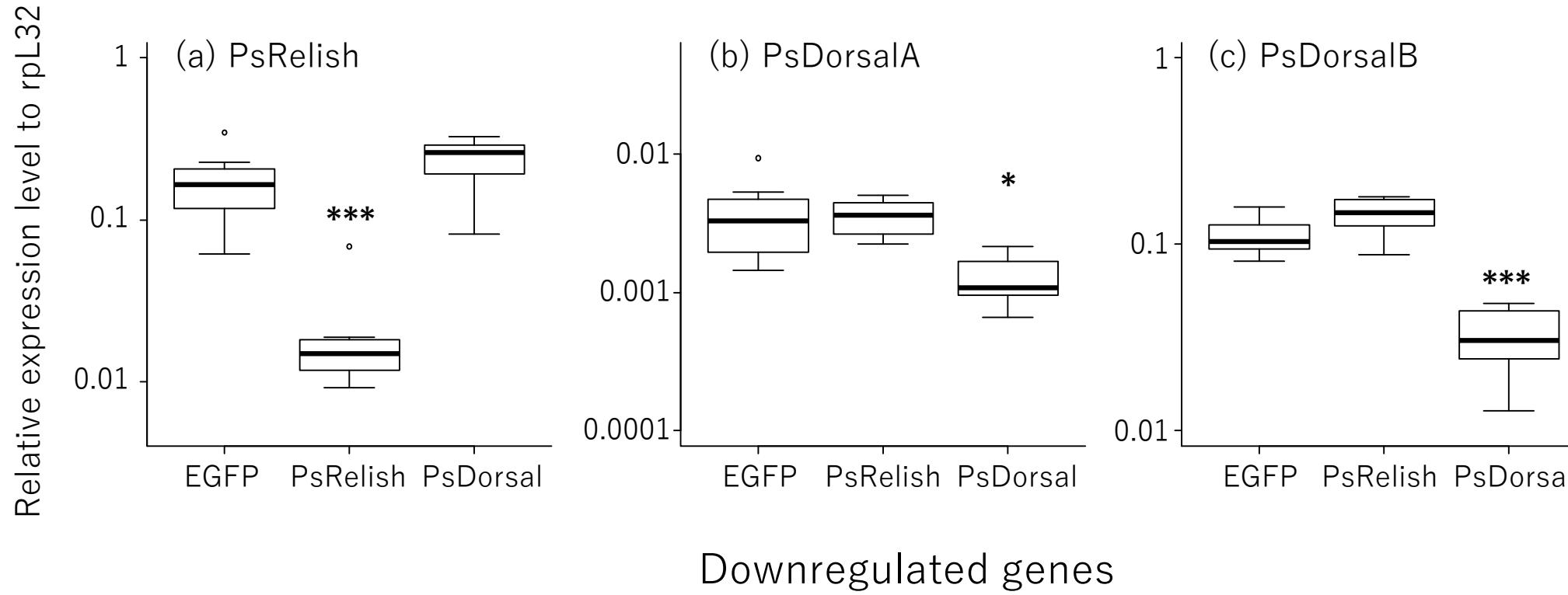


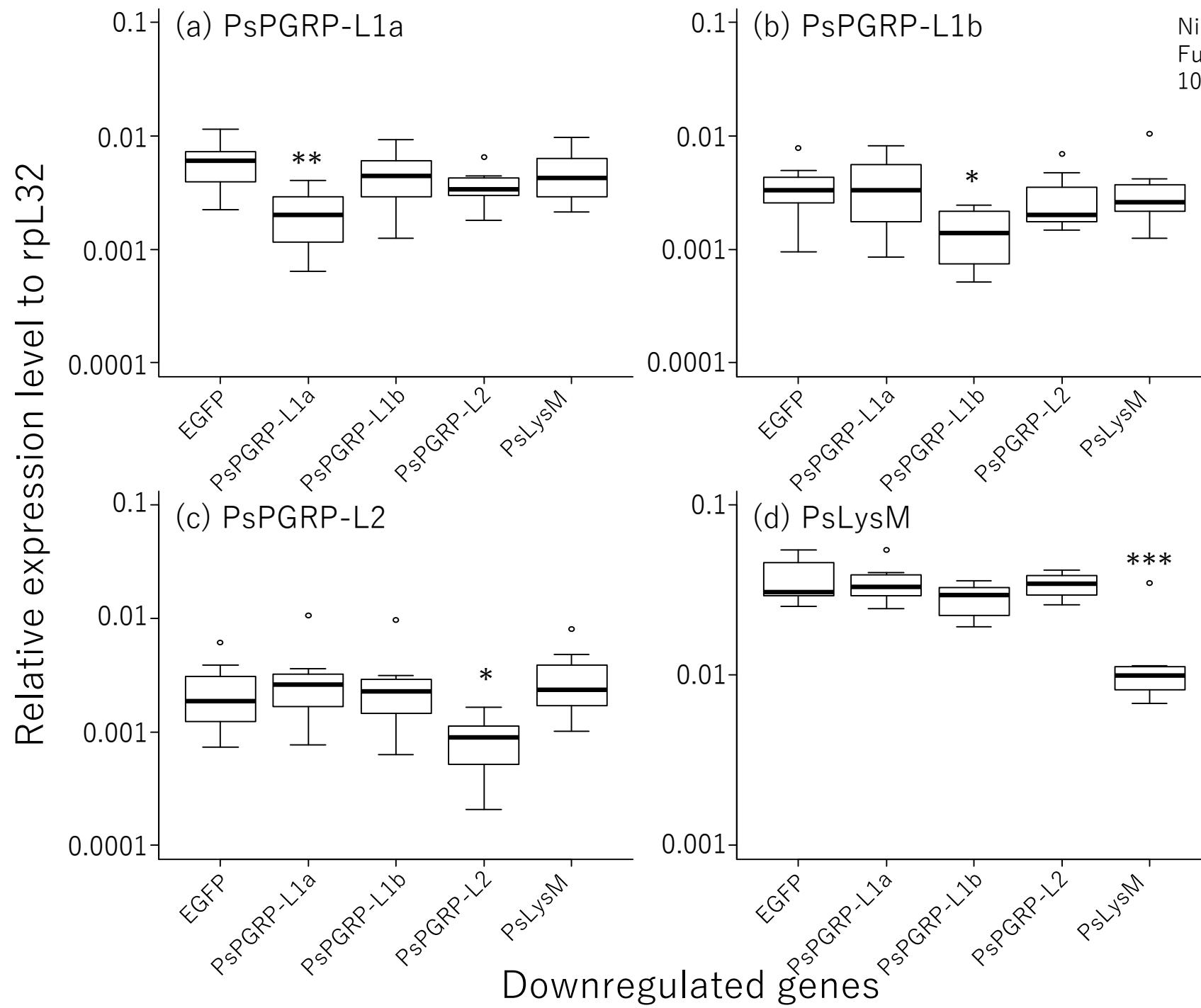












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