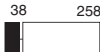
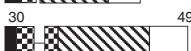
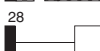
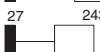
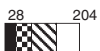
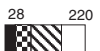


Protein family (PFAM)	Protein name	pI	Protein modular organization	Gene deletion	Phenotype
Mannosyl-glycoprotein endo-beta-N-acetylglucosaminidase (PFAM01832)	Acm1 (Lp_1138)	8.7		+	-
	Acm2 (Lp_2645)	8.8		+	+
Glycosyl hydrolase 25 - muramidase (PFAM01183)	Lys1 (Lp_1158)	8.9		+	-
	Lys2 (Lp_3093)	9.5		+	+
N-acetylmuramoyl-L-alanine amidase (PFAM01520)	LytH (Lp_1982)	9.5		+	+
NlpC/P60 - D, L Endopeptidase (PFAM00877)	LytA (Lp_3421)	8.9		+	+
	LytB (Lp_2162)	9.0		+	-
	LytC (Lp_2520)	7.3		-	NT
	LytD (Lp_1242)	10.3		+	-
Lytic transglycosylase (PFAM06737)	MltA (Lp_0302)	6.9		+	-
	MltB (Lp_3014)	7.0		-	NT
	MltC (Lp_3015)	5.1		-	NT
					