

A

Gene
 isdH_1
 maeA_1
 group_2498
 group_2507
 cas1
 csm5

Gene Function
 haptoglobin-binding surface protein
 putative malolactic enzyme
 AEC family malonate efflux carrier
 Insertion sequenceATP-binding protein, putative
 Cas1 family protein
 Csm5 family CRISPR-associated RAMP protein

sec-bov
 entQ
 group_5336

enterotoxin C-bovine
 staphylococcal enterotoxin Q
 hypothetical protein with DUF1433

group_3632
 group_4883
 group_4884
 group_4957
 group_5213
 gdmA_1
 apr
 group_5241
 group_5339
 group_5350
 group_5366

CRISPR-associated protein
 coagulase family protein
 extracellular matrix and plasma binding protein
 putative lipoprotein
 FIG01108398: hypothetical protein
 lantibiotic protein
 subtilase family protease
 Doubtful CDS. No database matches
 putative lipoprotein
 virus attachment p12 family protein
 membrane protein

hsdR_3
 hsdR_2
 group_5423
 cas2
 csm1
 csm2
 csm3
 group_5428
 cas6
 group_5430
 group_5431
 group_5432
 group_5433
 group_5438

type I restriction-modification system endonuclease (fragment)
 type I restriction-modification system endonuclease (fragment)
 type I restriction-modification system specificity protein (fragment)
 CRISPR-associated protein Cas2
 CRISPR-associated Csm1 family protein
 CRISPR-associated Csm2 protein
 Csm3 family CRISPR-associated RAMP protein
 CRISPR-associated Csm4 family protein
 CRISPR-associated protein C
 putative reverse transcriptase
 hypothetical protein
 hypothetical protein
 hypothetical protein
 Membrane lipoprotein

group_5506
 group_5509

Repetitive hypothetical protein
 Putative cytosolic protein

group_5536
 group_5537
 group_5538
 group_5539
 group_5540
 lpl2_2
 group_5545
 group_5546

exotoxin
 exotoxin set-1..2...3.. on the same operon
 putative restriction and modification system specificity protein
 exotoxin
 putative surface protein
 Membrane lipoprotein
 putative lipoprotein
 lipase family protein

B