-continued

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atc gtc acc gaa ggt ctg aaa gca gtt gct gct ggc atg aac cca atg      994
Ile Val Thr Glu Gly Leu Lys Ala Val Ala Ala Gly Met Asn Pro Met
    100                 105                 110

gat ctg aaa cgt ggt att gat aaa gca gtt gtt tcc gct gtt gaa gaa     1042
Asp Leu Lys Arg Gly Ile Asp Lys Ala Val Val Ser Ala Val Glu Glu
115                 120                 125                 130

ctg aaa aaa ctg tcc gta cct tgc tct gat tcc act gca att gca cag     1090
Leu Lys Lys Leu Ser Val Pro Cys Ser Asp Ser Thr Ala Ile Ala Gln
                135                 140                 145

gtt ggt aca atc tct gca aac tcc gac gaa act gtt ggt aaa ctg atc     1138
Val Gly Thr Ile Ser Ala Asn Ser Asp Glu Thr Val Gly Lys Leu Ile
            150                 155                 160

gca gaa gcg atg gat aaa gtc ggt aaa gaa ggt gta atc act gtt gaa     1186
Ala Glu Ala Met Asp Lys Val Gly Lys Glu Gly Val Ile Thr Val Glu
        165                 170                 175

gaa ggt act ggt ctg gaa gac gaa ctg gat gtt gtt gaa ggt atg cag     1234
Glu Gly Thr Gly Leu Glu Asp Glu Leu Asp Val Val Glu Gly Met Gln
    180                 185                 190

ttc gac cgt ggt tac ctg tct cct tat ttc atc aac aaa cca gaa tca     1282
Phe Asp Arg Gly Tyr Leu Ser Pro Tyr Phe Ile Asn Lys Pro Glu Ser
195                 200                 205                 210

ggt tct gtt gaa ctg gaa aac cca tac atc ctg ttg gta gac aaa aaa     1330
Gly Ser Val Glu Leu Glu Asn Pro Tyr Ile Leu Leu Val Asp Lys Lys
                215                 220                 225

gtt tcc aac atc cgt gaa ctg ttg cca gtt ctg gaa ggt gta gct aaa     1378
Val Ser Asn Ile Arg Glu Leu Leu Pro Val Leu Glu Gly Val Ala Lys
            230                 235                 240

gca agc aaa cct ctg ctc atc atc gct gaa gat gtt gaa ggc gaa gcg     1426
Ala Ser Lys Pro Leu Leu Ile Ile Ala Glu Asp Val Glu Gly Glu Ala
        245                 250                 255

ctg gct act ctg gtt gtg aac aac atg cgt ggt atc gtg aaa gtt gct     1474
Leu Ala Thr Leu Val Val Asn Asn Met Arg Gly Ile Val Lys Val Ala
    260                 265                 270

gcg gtt aaa cac cag gtt tcg gtg atc gcc gta aag caa tgc tgc agg     1522
Ala Val Lys His Gln Val Ser Val Ile Ala Val Lys Gln Cys Cys Arg
275                 280                 285                 290

ata ttg cta tcc tga ctaacggtac tgttatttct gaagagattg gtctggagct     1577
Ile Leu Leu Ser

ggaaaaagca actctggaag atctgggtca ggcaaaacgt gttgttatca acaaagacac   1637

cactactatc attgatggcg taagcgaagc aag                                1670


<210> SEQ ID NO 2
<211> LENGTH: 294
<212> TYPE: PRT
<213> ORGANISM: Xenorhabdus sp.

<400> SEQUENCE: 2

Met Ala Ala Lys Asp Val Lys Phe Gly Asn Asp Ala Arg Ser Lys Met
1               5                   10                  15

Leu Arg Gly Val Asn Val Leu Ala Asp Ala Val Lys Val Thr Leu Gly
            20                  25                  30

Pro Lys Gly Arg Asn Val Val Leu Asp Lys Ser Phe Gly Ala Pro Val
        35                  40                  45

Ile Thr Lys Asp Gly Val Ser Val Ala Arg Glu Ile Glu Leu Glu Asp
    50                  55                  60
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