>AC08-045  PRR2 coding seq.

ATGATTTCGGAGTGAATTATTGGGTGGGAAAGATTCTCCCTCTGGAGATGAAAATCGTGGAGGGCTTAAAGTTACCTCACGCTAGATCGTTGGTACCACCGGCTAGTTATCCG

27 bp insertion in coding seq. in grey box
9 aa insertion in amino acid seq. in blue box
SNP leading to stop codon in red box
Translation termination in yellow box
>AC08-201  PRR2 coding seq.

ATGATTGCATTGAGGATGAATTATTGGGTTGGAAAGATTTCCCAAAGGGGCTTAAAGTCCTGCTCTTTGATGAAGTATTGCCTTGGTGGAGATGTAATGCTGGTGAGTATGCAAGGCTT

AGAAAACATTATCAGATGACAAAACCTCAAAAAATATGGAAGCACAGGCTGCCTCTTTCAATGCTAGAAAAGGATGTTGTCCGACCAGCTTTGAGAGGCTAAGGAGACAGTGGAGGCT

TTTCTATGACTACAGCTCATCAACACAGAAAAGGCTGAACACAGTACAAAATGACATCAAAATATGGGCTGATATTGCTACCTTTGACAAATGACTGCGCTGACAATAGTG

TCATCTCTCATCAGATGAGGCATTTGCTACTTCTTTACAAAATTAATGACTGAGATGTTGATGTTGATGTATCTCCTCCTCTCATACAAAAAGCCAGGAGCTGATATGCTACT

ACAGGGAATTACTATCCTCATCACAACATGCTATCGAGGAGCAGTGCGCGCATTCGAGTACGAGCTTCTGAGCTGAGTACGAGCTTCTGATGCTAGCTGAGCTGCGAGCT

CTGAGTATGGTACACTAAATCCGTCGAAACTACTTATAACAATTCACTTGCTGAGAATACTGTCCAAATAAGTCCTCCTGGGCAACAAGAAGATATAATTTTGAAGAGGAGAATGG

GAGTATTGCTACACAGCTCTCTCTGCTTCAATTTCTTGGCCAAGTTGCAAACTAATGAGCAGGGTTGCAACACGCAACATCATATATCATCTTCTCAACCATCGATTGTCCT

TGGTTTACAAGTGTGGGGTTCACCTTACTATCCGGGATGGCAGCCTGCAGAGACTTGGCACTGGAAGCCTCA

GGAGGTGATTGATAAAGTAGTAAAGGAGGCAATAACCAAACCATGGTTACCACTTTGGGCTTAAAACCTCCTTCCATGGAGGGTGTACTCGACGAGCTTTCTAGACAAG

GAATCTCAACCCGTCCTCCACAGAATCAATGGCTCTCGATGTTGGAGATGA
>AC08-045_Amino acid seq.

MICIEDELLGWKDFPKGLVLLLLDEDNSAAEMKSRLKMDYIVTFCNESEALSAISSKSEGFHVAIVEVSAGNDGVLQFLESAKNLPTIMTSNIHSLSTMKICLGAEEFLQKPL
SDDKLKNIWQHVHVHAKFNRKDVSGPLEVKESSMLQLQPEKGPDDKSSNGTEPLIAVADNNTEQSGCDKYPAPSTPLQKQGVRSVDDSDCHDHTIFSTDQDSEGHDGD
TKSVETTVNNSLAEVTQIISPPGQQEIIKEEKENGSSPHQMTMEADIAFSQINDCADNSDGSSPHQKTEADIATTSQKDCPDNSISHSAEPSKASGPHSSSTKSNKKKVVDW
TPELKKFVQAEGLQIDQAIAPSRILDVMKVEGLTHNIAELQQKYMHRQILPREVERRWPQPRDSVQRNNYYPHPKVMTFPPPYESNHVAPAGQCYPAWVPPASYPNGLQV
WGSPYYPGWQPAETWHKHPGLLLADTWGSPVMPPFSYGPPYPQNAGMYQSHGMHNRSMEKSDVHPAEEVIDKVKEAIOKPWLPLGLKPSMEGVDELRSQGIS
TVPRINGSRCWR-

>AC08-201_Amino acid seq.

MICIEDELLGWKDFPKGLVLLLLDEDNSAAEMKSRLKMDYIVTFCNESEALSAISSKSEGFHVAIVEVSAGNDGVLQFLESAKNLPTIMTSNIHSLSTMKICLGAEEFLQKPL
SDDKLKNIWQHVHVHAKFNRKDVSGPLEVKESSMLQLQPEKGPDDKSSNGTEPLIAVADNNTEQSGCDKYPAPSTPLQKQGVRSVDDSDCHDHTIFSTDQDSEGHDGD
TKSVETTVNNSLAEVTQIISPPGQQEIIKEEKENGSSPHQMTMEADIAFSQINDCADNSDGSSPHQKTEADIATTSKDCPDNSISHSAEPSKASGPHSSSTKSNKKKVVDW
TPELKKFVQAEGLQIDQAIAPSRILDVMKVEGLTHNIAELQQKYMHRQILPREVERRWPQPRDSVQRNNYYPHPKVMTFPPPYESNHVAPAGQCYPAWVPPASYPNGLQV
WGSPYYPGWQPAETWHKHPGLLLADTWGSPVMPPFSYGPPYPQNAGMYQSHGMHNRSMEKSDVHPAEEVIDKVKEAIOKPWLPLGLKPSMEGVDELRSQGIS
TVPRINGSRCWR-