

Rice PLD gene

>|AB001919.1| Oryza sativa Japonica Group gene for phospholipase D, complete cds

GATCTACAGCGACTGAACGGCATGTGGTTGCGATTGCGATTGCGATGCGGATGCGTACGCCTCGTTTATG
CTCGTGGTGGGCAGTCTTGACCCCCCAATTGTGCCTTCTGGTGGTCTTTGTCTGTCTTGTGGTTGACAC
TTTGTGGTGGTGGTGGTGTACGGTGGTGTGTGTGTGTGTGTGATAGTGTGATACTCCTAGATGATTAGATG
CGTGGTTAGTGGGCACATTTCCACCGATTTGTCTCATCTCCGAGTAATCACTACTCAGTACTTCCACCGT
TAAAAAAAACAATCAAGATAAGGATTTGATACCACTTAAAACAATGAATTTGGATACTCTCTCCGTCAA
AAAAATCAACCTAGATCAAGATATGATAATCTTGACCTAGGATATAGTTTTTTCGGAGGGAGTACTCATT
GTCAATTTCAACAATAGGAAACGACGATTTTATAGAATACAACCTTTAGGTCATGAGACATAGCGGCGAAT
CTATGGAATAATATGGAATGTGGGTCCATCAGTAGATACTCGTTCGGTTAACAAAACCACCTTCTAGATATG
AATATGGATATGACTAGTGTGTTTAAGTTATCATCGTTCGTGTCATGTTACTATAGTGACTTGTACGGGG
TATTTCTACTGTCCATAAAATATAACCATGCAAACGGGAAGGAGATCAAAGGTCTTAACCTCCCAATAA
AAGCTGAGTGTCTGTGGGTGTTCCAAACTTCTCTCCTTCGTTTTCCACACGCGCACGCTTTCCAAAC
TGCTAAACTGTGTGTTTTTACATTAATTTTATATGAAAGTTGTTTTTAAAAAATCATATTAACCCAATT
TTTAATTTTTTAGCTAATATTTAATTAATCGTGCATAATTCATTGCTCAGTTTTCTATGTCGGAAGGTGA
GTGTTTCACTGTTTCAACCCCTCACCCATCTTTAGCACGGCTTTGGACTCATTTTTGTTTTAAGTTGGATA
TTACTAGCTTTACAAATTTATGGATCTAGATTTTCAATTACATTGATAACATTTGAATAAATCATTTTCAT
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CTACCCCGAATATCAAAATCGAAGGCATGCCAAATAGGACTTAAGTTAATTGGTTTGTAAAATGGTTCA
AAATGGTTCAAAGACAACAAGTTTAATCCCTGCCAATATTGTATTTTTCTTTTACCAAAGCCTTCCCAT
GTTTTATTAGTTTCTTGTCTTGATCCGTCCCAAAATCCTCTATATTAGAGCAAGTTAATAGTATAGCCA
ACTACTGACTCTAAATCATAAAATAGTTAATTCATACAATAGTTACCTATAAACATATACTACTATACAA
GTAATATCTGGTCCCCACCTATGATACACACATTGCGTCTTATAGTCTGTGCTACAGGTGGCTACAAATC
TATTGTCCGCTGCTCTTATCTCTTCTCATTTATTTACTCCATATATGTTTATAGCTGGCTTATAGTCTGT
TATTGTACTAACTTATTTACATAGTAGAAACTCCACATAAATAGTTAATATTTCTGTATGAAGCAGCCCT
TAACTTCTTCCAAAATTTCTCCCTTTAACTTCTTTCCAATTTCCCAAATATTTTCTGTTCCAACCTTTTT
TACGGGATTTTTCCGATCCGACATTAATAACTATCCCAAACGCCACGTCTTTTTCTTTGGAGCAAAGGAAA
TCAAATAAAAGGCTAGAATCTCTCCTTTTTCCATTTCCCTCTCCTAATTGGACGCTTTTCGCCTTGTTGG
TGCACGTGTCCTTTCGTCTCGGAGGGAAGCTCGTATTGGACGCGCCGCGAGCAGGTGACGTGACGCGACAG
CGGCGGCGGCGGCGGCGGCGGCGGCGGCGGAGCCGAGGAGGAGCGACCATGGCTCACCTGCTGCTGCACGGC
ACGCTCGAGGCCACCATCCTCGAGGCCGACCACCTCTCCAACCCACCCGCGCCACCGGCGCCGCCCCCG
GGATCTTCCGCAAGGTGAGTGAATCCCCTCTCTCTTCGAGCTCAAATCGATCCAATTTAGTGGTGAG
AGATTTTTGGTTGGAGCAATCCAAGAGGAGGCGCAATTTTTGGTGTGGTTGATTTTTGAATCCGTTTCG
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TCGGCGCCACGCTCATCGACCGCGCCTACCTCCCCGTGAGGGAGCTCCTGTGCGGCGAGGCCATCGAGCG
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GTTCCGCGCCAGGATCCCGCTCGCCGGCGGCGGGTACTACCGGCAGGGGCGGTGCTGGGAGGACGTGTTT
GACGCCATCAGCAACGCCAAGCACCTCATATACCTCACCGCTGGTCCGTGTACACCGAGATCACGCTCA
TCCGTGACGGCACCCGGCAGCGCCCCGGCGGCGACGCCACCTCGGCGAGCTCCTCAAGCGCAAGGCCAG
CGAGGGCGTGCAGCTGCTGTTGCTGGTCTGGGACGACCGCACCTCCGTGAGTCTGCTCGGCATGAAGTGG
GGGTTTATGTCGACGACGACGCGCGAGACGGCGGACTACTTCCGCGGCACCGACGTGCGCTGCGTCTCT
GCCCCGGAACCCCGACGCCGGCCGGAGCGCCATCATGGGCGCGCAGATCGCCTACATGATCACCCACCA
CCAGAAGACCGTCATCGTCGACCACGACATGCCAGTGCCGCGTGGCGGTGGCAGCCGCCGATCGTCAGC
TTCGTGCGGGCGGCTCGACCTCTGTGACGGCCGCTACGACACGCAGTTCCACTCCCTCTTCCGGACGCTCG
ACACGGGGCACCACAGCTACTTCCACCAGGCCAACCTCGACGGGGCGGCCGTACCAAGGGCGGGCCGAG
GGAGCCATGGCACGACATCCACTCCAAGATCGAAGGCCCGCGGCTTGGGATGTGCTCTACAACCTTCGAG

CAGCGGTGGAGGAAGCAAGGCGGTGACAAGGACCTCCTCCTAGACCTCAAAGCCATGGCCGACCTCATTATTCGCGCCGTCTCCGGTGATGTTCCCGCATGACGGTGAGGCCTGGAGTGTTTCAGTTGTTCCGGTCCATCGATGGCTGGGCGGCCCTGCTTTGGCTTCCCTAGCACTCCAGAGGCTGCTGCAAGATCAGGCCTTGTCAGTGGCAAGAACACCATTGACAGGAGCATCCAAGATGCATACATCCACGCAATTCGCCGGCGCAAGAACTTCACTACATCGAGAATCAGTACTTCCCTGGCAGCTCATTTGCATGGAAAGCCGATGGCATCAGACCAGAAGACATTGAGCCGTTGCATCTGATTCCCAGAGAGATTTCTCTGAAGATTGTGAACAAGATTGAAGCTGGTGAGCGTTTTGCAGTCTATGTTGTGCTGCCAATGTGGCCTGAAGGACCTCCTGCTAGTGGATCAGTGCAGGCAATACTGGATTGGCAGAGGAGGACAATGGAGATGATGTACTATGATATTGCCGTTGCACTTGAGGCGAAGAG

GATCAATGCTGACCCGAGGGATTACCTTACCTTCTTCTCTGCTTAGGGAACAGGGAAGTAAAGTTGAATGGT

GAGTATGAACCTGCAGGTCGCCCTTTGGATGGCACAGACTATGCTAAGGCACAGAAGGCACGCCGGTTCA

TGATCTATGTTCACTCCAAGATGATGATAGGTATGCTTAAAAACATTATTGTCACAAGTTCTCTAAATTTACTCCAGATTGCAGCTGACACATGATCTTTTTTGCATTGTTTAAACATCTTTAAGAATTCACAAATCAGAAATCGCAGCACCTCTTATGGATCTCCAATGTCCCATTTTATGTTTATACTACTATACTACTTGCCCCAATTTCGACACCCACATGTTAGGAAAGACTTTTACATCACAGTTCAATTTTCCCTTGTCAGTGGCAACATACGCAATTACTTTCATTCCTTGTGTAAGATAGACAATATATTGTCGCTGGCTCTTATTTTTCAGTACCTGTGCTTTGATGACATGCTTCATGTTGATAAAGATAAATTTGTTGGAACCTTAATATCCTTGGTTTGTTCAGTTGACGACGAGTACATCATTGTTGGATCTGCCAACATCAACCAGAGGCCCATGGATGGGGAAGGAGACTCCGAGATCGCCATGGGTGCATTCCAGCCATGCCACCTGAACACCAAGGGCCTGGTTGCAAGAGGACAAATCCACGGTTTCCGGATGTCGTTGTGGTATGAGCACCTTGGCATGCTGCATGACAACCTTCCCTGAACCCAGAGAGCCTGGAATGTGTTCAGAGGGTGAACAAGATGGCTGACAAGTACTGGGACCTCTACGCGAGCGATGAGCTTAACGATGACCTTCCCTGGGCACCTGCTGACCTACCCGGTACGTGTTACGAAGGAAGGCACGGTGACAGAGCTCCCAGGAGCGAAATTTCCCTGACACTCAGGCTCCAGTGATCGGCACGAAGGGGAACCTGCCTCCCTTTCTCACACATAGAGTAGCAAGATTCAGATTGTGCTGCATAAATGGAAACCTTGCACTGTTGGGTGGTGTCTTAGATATATGTAATTTCCAGCCCAATAATAGGGTGTACGCCTATTTCTTGTCAAAATTTGGTTGATCAGTTGATGCTATTCTTTTGCACGAATCATGATTTTCTCATGGGAGTACTGAAATAATAGGCATGTTTTGTTGGAGATTTGACCTGAATATACATACTACTGAAGTCTTGGACAACCTTGGTGTGTGGCACATTGT

Primers (red arrow) and probe (red line) are shown above, and target sequence is highlighted in light blue. Amplicon size is 80 bp.