

*Pvnod22* 151 CAGGCGCTGTTGGGAATCGCTGGCAGCAAGAAGCTCCGGCGACT  
*Gmnod22* CAGGCGCTGTTGGGGATCGCCGGGA---AGAAGCTCCGGCGACT

*Pvnod22* 195 CCCGCACGTGTTTCAGCTGCGTCTCTGGAGCTCCCGTTCCGCTCCG  
*Gmnod22* ACCGCACGTGTTTCAGCTGCGTGCTGGAGCTGCCCTTCCGCTCCG

*Pvnod22* 239 ACGCCGACGTGGTGGTGGAGGAGGACCCCGACTGCTTCCGCTTC  
*Gmnod22* ACGCCGACGTTGCGGTGGAGGAAGCCCCGACTGCTTCCGCTTT

*Pvnod22* 283 GTGGCGGAGACTGAGGGTATCGGCGACGTGAGGGCGCACACGAT  
*Gmnod22* GTGGCGGAGACCAGATGGAATCGGCGACGTGAGGGCGCACACGGT

*Pvnod22* 327 CGAAATCCACCCCGGCGTGACGAAGATCGTGGTGGAGGGACGGCG  
*Gmnod22* GAAATCCACCCTGGCGTGACGAAGATCGTGGTGGAGGGACGGCG

*Pvnod22* 371 GTTCGGTGGAGCTCTCGCTCGACCAGCTCGAACTGGATATGTGG  
*Gmnod22* GCTCGGTGGAGCTCTCGCTCGACCAGCTGGAGCTCGATATGTGG

*Pvnod22* 415 AGGTTCCGTTTACCAGAATCGACCGCGCCGGAGCTCGCGAGCGC  
*Gmnod22* AGGTTCCGGTTGCCGAATCGACTCGGCGGAGCTCGCCAGCGC

*Pvnod22* 459 GGTGTTTCGTAGACGGCGAGCTCATCGTGACGGTGCCGAAGGGGC  
*Gmnod22* GGTGTTTCGTGACGGCGAGCTCATCGTGACGGTGCCGAAGGGGC

*Pvnod22* 503 ACGGAGAGG 512  
*Gmnod22* ACGAAGAGG

Additional file 1