

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: *Proteome compositions of the virions of P. salinus, P. quercus, P. dulcis and P. neocaledonia*

File Name: Supplementary Data 2

Description: *A. castellanii gene sequences used to compute the Codon Adaptation*

File Name: Supplementary Data 3

Description: *Reannotated P. inopinatum genome in Genbank format*

File Name: Supplementary Movie 1

Description: *Movie of pandoravirion exocytosis: The movie presents an amoeba infected by a pandoravirus 5H post infection at MOI 1000. Magnification factor is x1008. Speed is x4. The red arrow points to an exocytosis event.*