

Table S1. Origin and accession numbers of the *pvmSP142* sequences obtained from NCBI;
<https://www.ncbi.nlm.nih.gov/> (accessed on 28 December 2021).

GenBank accession number	Number of sequences	Region	Country	References
KR871926 - KR872017	92	Central America	Nicaragua	Gutiérrez et al., 2016[40]
AF435593 AF435594 AF435622- AF435625 AF435627 AF435629- AF435631 AF199405- AF199407	13	South America	Brazil	Putaporntip et al., 2002[41] Putaporntip et al., 2000[42]
AB564559 - AB564588	30	Middle East	Turkey	Zeyrek et al., 2010[43]
EU430452 - EU430479 AF435616 - AF435620 KF612323 AF435639	35	South of Asia	India - Bangladesh	Thakur et al., 2008[44] Sheikh et al., 2014[45] Putaporntip et al., 2002[41]
GU175174 - GU175268 AJ292349 - AJ292359	106	South of Asia	Sri Lanka	Dias et al., 2011[19] Manamperi et al., 2016 unpublished
AF199393 - AF199404 AF199408 - AF199410 AF435595 - AF435599 AF435601 - AF435615 GQ890872 - GQ891041 GQ912337	206	Southern Asia	Thailand	Putaporntip et al., 2000[42] Putaporntip et al., 2002[41] Jongwutiwes et al., 2010[46]
JX461286 - JX461295 JX461300 - JX461310 JX461312 - JX461317 JX461319 - JX461333 JX461297 JX461298	44	Southern Asia	Cambodia	Parobek et al., 2014[20]
GU971656 - GU971705	50	Southern Asia	Singapore	Ng et al., 2010[47]
JX490129 - JX490156 JX993754 JX993755	30	Southern Asia	Myanmar-China	Zhou et al., 2017[21]
HQ171934 - HQ171941 AF435635 - AF435638 JQ446312 - JQ446322	23	East Asia	South Korea	Han et al., 2011[48] Putaporntip et al., 2002[41] Kang et al., 2012[18]
AF435632 AF435634	2	Oceania	Vanuatu	Putaporntip et al., 2002[41]