

Table S1. Origin of *pv32* gene sequences from worldwide isolates

Country	Sequence ID
Brazil	Brazil22 Brazil 32 Brazil
Bolivia	Bolivia
Colombia	Colombia_30102100437 Colombia_30102100448 Colombia_30102100490 Colombia1 Columbia_30101099036 Columbia_30102100485
India	IndiaNYC IndiaVII
Madagascar	M08
Mexico	Mexico21A Mexico566A Mexico760A Mexico32-E-03 Mexico55-03 Mexico118-A Mexico165-A Mexico1 Mexico6308
North korea	Northkorean
Peru	Peru262 Peru852 Peru692 Peru3136 Peru2025 Peru07 Peru260 Peru3133 PeruDTS0830
Papua New Guinea	PNG58 PNG72
Thailand	Thailand Thailand_VKBT-72 Thailand_VKBT-94 Thailand_VKBT-95 Thailand_VKBT-100 Thailand_VKBT-106 Thailand_VKBT-36 Thailand_VKBT-39 Thailand_VKBT-45
China	China_NB_-15 China_NB-16 China_NB-17 China_LZCH-20