

**Table 1** List of the PMTV isolates used in this study with accession number and location

Gen Bank accession no	Location
KP420028.1	USA
KR857357	Colombia
KR857360	Colombia
AY426745.1	Denmark
AY187010.1	Denmark
DQ144451.1	Czech Republic
AM503607	Latvia
AM503609	Latvia
AM503602	Finland
AB491173	Japan
AB491174	Japan
LN614410.1	Sweden
LN614412.1	Sweden
LN614413.1	Sweden
LN614415.1	Sweden
LN614417.1	Sweden
LN614418.1	Sweden
LN614419.1	Sweden
LN614420.1	Sweden
LN614422.1	Sweden
LN614424.1	Sweden
LN614426.1	Sweden
LN614427.1	Sweden
LN614439.1	USA
LN614440.1	USA
LN614441.1	USA
LN614442.1	USA
LN614443.1	USA
LN614444.1	USA
LN614445.1	USA
LN614446.1	USA
LN614428.1	Denmark
LN614429.1	Denmark
LN614430.1	Denmark
LN614437.1	Denmark
LN614432.1	Denmark

LN614433.1	Denmark
LN614435.1	Denmark
LN614436.1	Denmark
KU955502	Peru
KU955507	Peru
KU955498	Peru
KU955497	Peru
KU955504	Peru
KU955496	Peru
KU955499	Peru
KU955500	Peru
KU955501	Peru
AY353719.2	Denmark
LN614438.1	Denmark
LN614434.1	Denmark
KU955506	Peru
LN614421.1	Sweden
AM503593	Finland
LN614411.1	Sweden
LN614414.1	Sweden
LN614416.1	Sweden
LN614425.1	Sweden
KR857354	Colombia
KR857351	Colombia
KR857363	Colombia
AM503610	Latvia
AM503606	Latvia
AM503605	Finland
AM503598	Finland
AM503610.1	Latvia
LN614423.1	Sweden
LN614431.1	Denmark
AJ277556.1	Sweden
D30753.1	Scotland
HQ335255	Colombia
KU955505	Peru