|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **AZ\_RMH\_2** | **AZ\_RMH\_9** | **AZ\_RMH\_10A** | **AZ\_RMH\_146** | **AZ\_RMH\_162A** | **AZ\_RMH\_317A** | **Alone** | **Total** |
| **AZ\_PAR\_3** | 1 | 1 | 0 | 0 | 0 | 0 | 3 | 5 |
| **AZ\_PAR\_10B** | 0 | 0 | 2 | 1 | 1 | 0 | 11 | 15 |
| **AZ\_PAR\_44** | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 |
| **AZ\_PAR\_117** | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| **AZ\_PAR\_162B** | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 2 |
| **AZ\_PAR\_198** | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 |
| **AZ\_PAR\_292** | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 |
| **AZ\_PAR\_317B** | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 3 |
| **Alone** | 4 | 7\* | 20\* | 7 | 3 | 0 |  |  |
| **Total** | 8 | 9 | 22 | 8 | 5 | 1 |  |  |

**Table S1.** Paramyxovirus RNA detections and overlap between the two PCRs. Alone = the pool contained paramyxovirus RNA in only this PCR. \*In one pool, AZ\_RMH\_9 and AZ\_RMH\_10A were detected concurrently in the same (RMH) PCR. PAR = PCR with general paramyxovirus primers, RMH = PCR with *Respirovirus-Morbillivirus-Henipavirus* specific primers.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Short name** | **Full name** | **GenBank Accession number** | **Accession number and name of the closest relative in the NCBI database** | **% identity with the closest relative** |
| AZ\_RMH\_2 | BatPV\_GH\_2019\_U2R | MZ393386 | HQ660134.1 Bat Paramyxovirus Eid\_hel/GH-M90a/GHA/2009 isolate | 98.86% |
| AZ\_RMH\_9 | BatPV\_GH\_2019\_U9R | MZ393385 | JN862571.1 Eidolon helvum paramyxovirus clone U54B (L) gene | 97.27% |
| AZ\_RMH\_10A | BatPV\_GH\_2019\_U10R | MZ393384 | FJ971935.1 Paramyxovirus bat/GH15/2009 (L) gene | 98.40% |
| AZ\_RMH\_146 | BatPV\_GH\_2019\_U146R | MZ393383 | HQ660147.1 Bat Paramyxovirus Eid\_hel/GH-M28/GHA/2009 isolate | 99.77% |
| AZ\_RMH\_162A | BatPV\_GH\_2019\_U162R | MZ393382 | JN862573.1 Eidolon helvum paramyxovirus clone U51B (L) gene | 99.54% |
| AZ\_RMH\_317A | BatPV\_GH\_2019\_U317R | MZ393381 | FJ971939.1 Paramyxovirus bat/GH21a/2009 (L) gene | 99.09% |
| AZ\_PAR\_3 | BatPV\_GH\_2019\_U3P | MZ393377 | JN648061.1 Eidolon helvum paramyxovirus clone U46B (L) gene | 99.25% |
| AZ\_PAR\_10B | BatPV\_GH\_2019\_U10P | MZ393380 | KF878080.1 Mumps virus strain MuVi/RW154.USA/0.70s[K] | 79.74% |
| AZ\_PAR\_44 | BatPV\_GH\_2019\_U44P | MZ393379 | JX051320.1 Achimota virus 2 | 99.62% |
| AZ\_PAR\_117 | BatPV\_GH\_2019\_U117P | MZ393376 | AB853096.1 Bat Paramyxovirus Eid\_hel/ZFB09-32/Zambia/2009 L gene | 98.30% |
| AZ\_PAR\_162B | BatPV\_GH\_2019\_U162P | MZ393375 | JN648082.1 Eidolon helvum paramyxovirus clone U68G (L) gene | 96.80% |
| AZ\_PAR\_198 | BatPV\_GH\_2019\_U198P | MZ393374 | JX051320.1 Achimota virus 2 | 70.22% |
| AZ\_PAR\_292 | BatPV\_GH\_2019\_U292P | MZ393378 | JN648056.1 Eidolon helvum paramyxovirus clone U42A (L) gene | 75.33% |
| AZ\_PAR\_317B | BatPV\_GH\_2019\_U317P | MZ393373 | HE647836.1 Eidolon paramyxovirus RC09 partial L gene | 97.16% |

**Table S2.** Paramyxovirus sequences detected in this study. PAR = PCR with general paramyxovirus primers, RMH = PCR with *Respirovirus-Morbillivirus-Henipavirus* specific primers.