

**Appendix 4. Genbank accession codes of viral sequences produced in this work**

Virus	Sample ID	Species	Tissue	Biosample	SRA	Output file / sequencing platform	Lenght (nt)	
321	321	<i>Desmodus rotundus</i>	Kidney	SAMN53524320	SRR36385191	Fastq / RNA-Seq full genome	11922	
					SRR36253825	BAM / RNA-Seq	11922	
					SRR36253824	BAM / RNA-Seq	11922	
					SRR36365193	BAM / Illumina Viral Surveillance Panel v2	7863	
					SRR36384303	Fastq / Sanger sequencing Nucleoprotein gene	554	
			Fetus	SAMN53524321	SRR36384314	Fastq / Sanger sequencing Polymerase gene	218	
					SRR36253822	BAM / RNA-Seq	9914	
					SRR36384302	Fastq / Sanger sequencing Nucleoprotein gene	568	
					SRR36384313	Fastq / Sanger sequencing Polymerase gene	216	
					SRR36253821	BAM / RNA-Seq	1189	
359	359	<i>Molossus molossus</i>	CNS	SAMN53524322	SAMN53795950	SRR36365192	BAM / Illumina Viral Surveillance Panel v2	2948
					SRR36384309	Fastq / Sanger sequencing Nucleoprotein gene	576	
					SRR36384304	Fastq / Sanger sequencing Polymerase gene	219	
					SRR36385190	Fastq / RNA-Seq full genome	11906	
					SRR36253820	BAM / RNA-Seq	11906	
			GIT	SAMN53524323	SRR36253819	BAM / RNA-Seq	611	
					SRR36384310	Fastq / Sanger sequencing Nucleoprotein gene	568	
					SRR36384305	Fastq / Sanger sequencing Polymerase gene	219	
					SRR36385189	Fastq / RNA-Seq full genome	11927	
					SRR36253818	BAM / RNA-Seq	11927	
Lyssavirus rabies	202	<i>Molossus molossus</i>	CNS	SAMN53524325	SAMN53524326	SRR36253817	BAM / RNA-Seq	815
					SRR36384301	Fastq / Sanger sequencing Nucleoprotein gene	576	
					SRR36384308	Fastq / Sanger sequencing Polymerase	216	
					SRR36385188	Fastq / RNA-Seq full genome	11905	
					SRR36384311	Fastq / Sanger sequencing Nucleoprotein gene	574	
			GIT	SAMN53524328	SRR36384306	Fastq / Sanger sequencing Polymerase gene	219	
					SRR36385187	Fastq / RNA-Seq full genome	11905	
					SRR36384312	Fastq / Sanger sequencing Nucleoprotein gene	570	
					SRR36384307	Fastq / Sanger sequencing Polymerase gene	218	
					SRR36384307	Fastq / Sanger sequencing Polymerase gene	218	

				SRR36253823	BAM / RNA-Seq	8555
Adeno-associated virus	321	<i>Desmodus rotundus</i>	CNS	SAMN53697126	SRR36330080	BAM / RNA-Seq
			GIT	SAMN53697127	SRR36384661	Fastq / Sanger sequencing
			Kidney	SAMN53697128	SRR36330079	BAM / RNA-Seq
			Fetus	SAMN53697129	SRR36384660	Fastq / Sanger sequencing
					SRR36330078	BAM / RNA-Seq
					SRR36330077	BAM / RNA-Seq
Hepatovirus	Pool12	<i>Molossus molossus</i>	GIT	SAMN53697130	SRR36330076	BAM / RNA-Seq
	Pool14	<i>Molossus molossus</i>	Fetus	SAMN53697131	SRR36330075	BAM / RNA-Seq
Human papillomavirus	Pool6	<i>Eumops perotis</i> / <i>Molossus molossus</i>	GIT	SAMN53697132	SRR36330074	BAM / RNA-Seq
Mammalian orthoreovirus	321	<i>Desmodus rotundus</i>	GIT	SAMN53697133	SRR36332060	BAM / RNA-Seq L1 segment
					SRR36332059	BAM / RNA-Seq L2 segment
					SRR36332058	BAM / RNA-Seq L3 segment
					SRR36332057	BAM / RNA-Seq M1 segment
					SRR36332056	BAM / RNA-Seq M2 segment
					SRR36332055	BAM / RNA-Seq M3 segment
					SRR36332054	BAM / RNA-Seq S1 segment
					SRR36332053	BAM / RNA-Seq S2 segment
					SRR36332052	BAM / RNA-Seq S3 segment
					SRR36332051	BAM / RNA-Seq S4 segment
Roseolovirus	321	<i>Desmodus rotundus</i>	CNS	SAMN53697134	SRR36330073	BAM / RNA-Seq
						338