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Mouse	Acute hepatitis and lethal meningoencephalitis at late stage     Cost-effective	<ul> <li>No hemorrhagic fever</li> <li>No ocular diseases</li> </ul>
Rat	Varied susceptibility among intered strains     Suitable for studying host genes responsible for     RVFV-resister phenotype     Similar pathological changes to those in mice     A report suggests the presence of uveits after aerosol     Cost-effective	The inbred strains of same name derived from different breeding colones have different susceptibility to RVPV.     Age-dependent difference in susceptibility
Hamster	Highly susceptible to RVFV     Similar pathological change to those seen in mice     Often used for experimental RVFV transmission by     mosquitoes	No hemorrhagic fever     No ocular diseases     Limited research resources
Gerbil	Encephaltis with minimum liver diseases     Useful for studying neuroinvasiveness	No significant diseases except for Encephalitis     Age-dependent difference in susceptibility     Limited research resources
Rhesus monkey	Lethal hemorrhagic fever     Similar susceptibility to humans     Important for testing the safety of vaccines or antivirals     before clinical trial	No ocular diseases reported     Less than 20% develop hemorrhagic fever     Requirement of ABSL4 or BSL3+ space to keep morkey     Expensive
Aduit sheep, ewe	Areport suggests the occurrence of hemorrhagic fever and edema of corneal and choroidal edema with inflammation High rate of abotion and fetal malformation Suitable for veterinary vaccine study	Susceptibility varies among different breeds Requirement of ABSL4 or BSL3+ for large animala Limited research resources Expensive
Lamb	Highly susceptible to RVFV     Lethal acute hepatitis     important to evaluate the effect of collostrum from vaccinated     ewes	Neurovirulence is not prominent     No hemorrhagic fever     No ocular diseases     Requirement of ABSL4 or BSL3+ for large animals     Limited research resources

