

CERTIFICATE OF STRAIN

We hereby certify the strain of the animals and their background as follows

Place of birth :	HOSHINO Laboratory Animals (HOS)
Purchaser :	
Shipping date and flight number :	December 28 ,2022
Monitoring result :	As attached sheet

Details:

	Outbred Rat
	Hos:ZFDM- <i>Lepr</i> ^{fa}
Origin & History	The Hos:ZFDM- <i>Lepr</i> ^{fa} strain rat is established from a Hos:Zucker- ^{fa/fa} strain rat in 2008.

Japan SLC, Inc.