S3 Table. Permissive or nonpermissive AAV-PHP.eB CNS transduction phenotypes for inbred mouse lines with available WGS data.

Strain	Enhanced CNS tropism	References
AKR/J	Present	This study
BTBR/T+/Itpr3tf/J	Present	Predicted
C57BL/6J	Present, previously reported	[4–7]
C57BL/6NJ	Present, previously reported	[8]
C57BL/10J	Present	Predicted
C57BR/cdJ	Present	Predicted
C57L/J	Present	This study
C58/J	Present	Predicted
DBA/1J	Present	Predicted
DBA/2J	Present	This study
FVB/NJ	Present	This study
I/LnJ	Present	Predicted
KK/HiJ	Present	Predicted
LP/J	Present	This study
NZW/LacJ	Present	Predicted
RF/J	Present	Predicted
MOLF/EiJ	Present	This study
129P2/OlaHsd	Present	Predicted
129S1/SvlmJ	Present	Predicted
129S5SvEvBrd	Present	Predicted
A/J	Absent	Predicted
BALB/cJ	Absent, previously reported	[9]; this study
BUB/BnJ	Absent	Predicted
CAST/EiJ	Absent	This study
CBA/J	Absent	This study
C3H/HeH	Absent	Predicted
C3H/HeJ	Absent	Predicted
LEWES/EiJ	Absent	Predicted
NOD/ShiLtJ	Absent	This study
NZB/B1NJ	Absent	This study
NZO/HILtJ	Absent	Predicted
PWK/PhJ	Absent	This study
SEA/GnJ	Absent	Predicted
SPRET/EiJ	Absent	Predicted
SEA/GnJ	Absent	Predicted
ST/bJ	Absent	Predicted
WSB/EiJ	Absent	Predicted
ZALENDE/EiJ	Absent	Predicted

The lines highlighted in bolded text were used in the analysis presented in Fig 1D.