

select conplastic strain + A &

select consomic strain + 🔼 🚓

select HRDP strain + A

select hybrid strain + 🔼 🔥

Blood Institute (NHLBI; R01HL064541), and the National Human Genome Research Institute

who submit the data and use our website and data!

(NHGRI) as part of the Alliance of Genome Resources (U24HG010859). The Hybrid Rat Diversity

Program is funded by NIH Office of the Director (R24OD024617). We also thank the researchers

Acknowledgements: RGD is grateful for funding support from the National Heart, Lung, and

select HRDP FXLE/LEXF Recombinant

select I HRDP HXB/BXH Recombinant

Inbred strain + 🔼 卷

☐ HXB5/Ipcv

☐ HXB7/Ipcv

SHR

HXB7/IpcvMcwi

SHR/OlalpcvMcwi

Updated Hybrid Rat Diversity Panel Portal at RGD

Shur-Jen Wang¹, Jennifer R Smith¹, Stanley JF Laulederkind¹, G Thomas Hayman¹, Monika Tutaj¹, Mary L Kaldunski¹, Mahima Vedi¹, Wendy M



✓ Chromosome

✓Gene Symbol

✓Gene Strand

✓ Strain Names

✓Variant Location

✓ Conservation Score

✓Reference Nucleotide

Position

F344/DuCrl (2021) 0 0 0 0 0 0 0 1 0 0

F344/NCrI (2019NG) 0 0 0 0 0 0 0 0 0 0 0

F344/NHsd (2021) 0 0 0 0 0 0 0 1 0 0

F344/StmMcwi (2019) 0 0 0 0 0 0 0 0 1 0 0

FHH/FurMcwi (2019)

F344/N (2020) 0 0 0 0 0 3 0 0 1 0 0

✓Amino Acid Change

✓Variant Amino Acid

✓Polyphen Prediction

✓Transcript Accession IDs

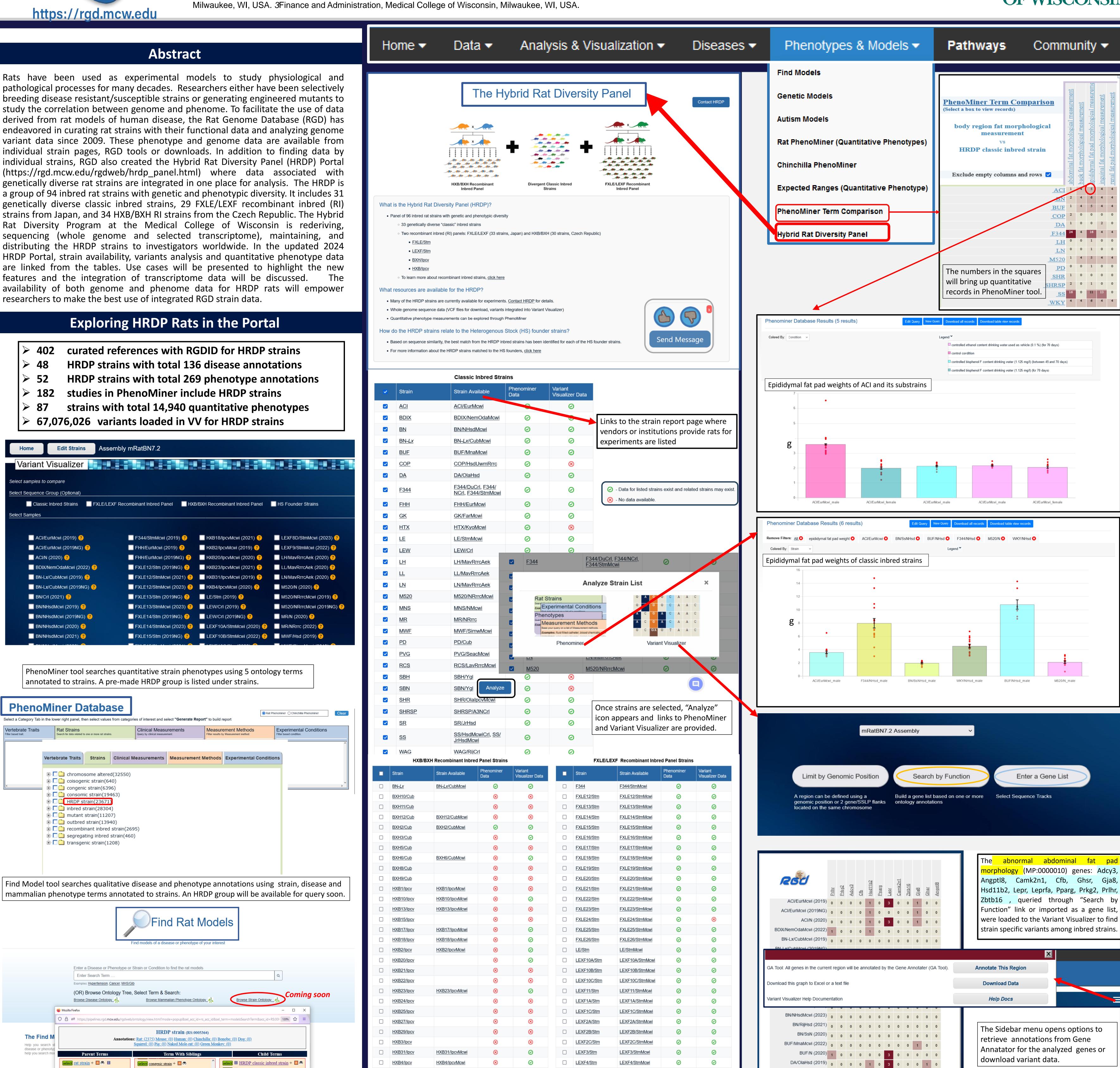
Generate File

✓Reference Amino Acid



Demos¹, Marek A Tutaj¹, Jyothi Thota¹, Logan Lamers¹, Adam C Gibson¹, Akhilanand Kundurthi¹, Varun Reddy Gollapally¹, Allison M Endsley¹, Lynn Malloy¹, Rebecca Schilling¹, Akiko Takizawa¹, Kent C Brodie², Stacy Zacher³, Jeffrey L De Pons¹, Melinda R Dwinell¹, Anne E Kwitek¹

1Rat Genome Database, Department of Physiology, Medical College of Wisconsin, Milwaukee, WI, USA. 2Clinical and Translational Science Institute, Medical College of Wisconsin,



LEXF5/Stm

LEXF6B/Stm

LEXF7A/Stm

LEXF7B/Stm

LEXF7C/Stm

LEXF8A/Stm

LEXF8D/Stm

LEXF9/Stm

LEXF5/StmMcwi

LEXF6B/StmMcwi

LEXF7A/StmMcwi

LEXF7B/StmMcwi

LEXF7C/StmMcwi

LEXF8A/StmMcwi

LEXF8D/StmMcwi

LEXF9/StmMcwi