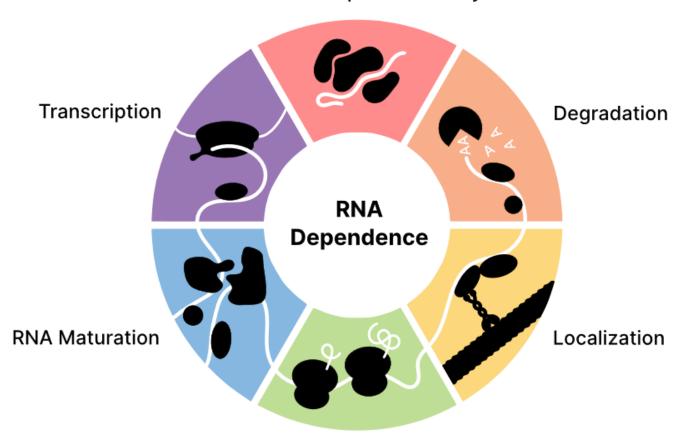
Fancy title slide

Functions of RNA-dependent Proteins

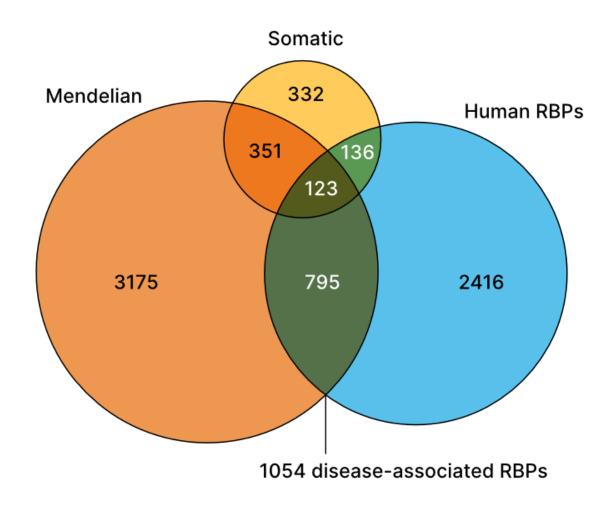
Protein Complex Assembly



Translation

Adapted from: Gebauer, F., Schwarzl, T., Valcárcel, J., and Hentze, M.W. (2021). RNA-binding proteins in human genetic disease. Nat. Rev. Genet. 22, 185-198.

RNA-binding Proteins in Human Diseases



Gebauer, F., Schwarzl, T., Valcárcel, J., and Hentze, M.W. (2021). RNA-binding proteins in human genetic disease. Nat. Rev. Genet. 22, 185-198.

Dataset for HeLa Cells Synchronized in Interphase

Control actions Sucrose density gradient spectrometry 7086 analysis Mass

	Fraction1_ Ctrl_Rep1	Fraction1_ Ctrl_Rep2	Fraction1_ Ctrl_Rep3	Fraction1_ RNase_Rep1	 Fraction25_ RNase_Rep3
1433B_HUMAN	134729.90	146356.70	192643.80	293592.10	 0.00
1433E_HUMAN	120892.73	129849.82	195391.90	280333.80	 0.00
1433F_HUMAN	73231.50	77305.20	105863.00	165178.00	 0.00
1433G_HUMAN	91820.40	91078.10	123128.20	190751.20	 0.00
1433S_HUMAN	152139.00	144703.30	186727.30	289461.00	 0.00
1433T_HUMAN	116713.77	125549.61	175656.99	266160.90	 0.00
1433Z_HUMAN	277512.69	267068.00	366251.21	535765.40	 0.00

150

Caudron-Herger, M., et al. (2019). R-DeeP: Proteome-wide and Quantitative Identification of RNA-Dependent Proteins by Density Gradient Ultracentrifugation. Mol. Cell 75, 184-199.