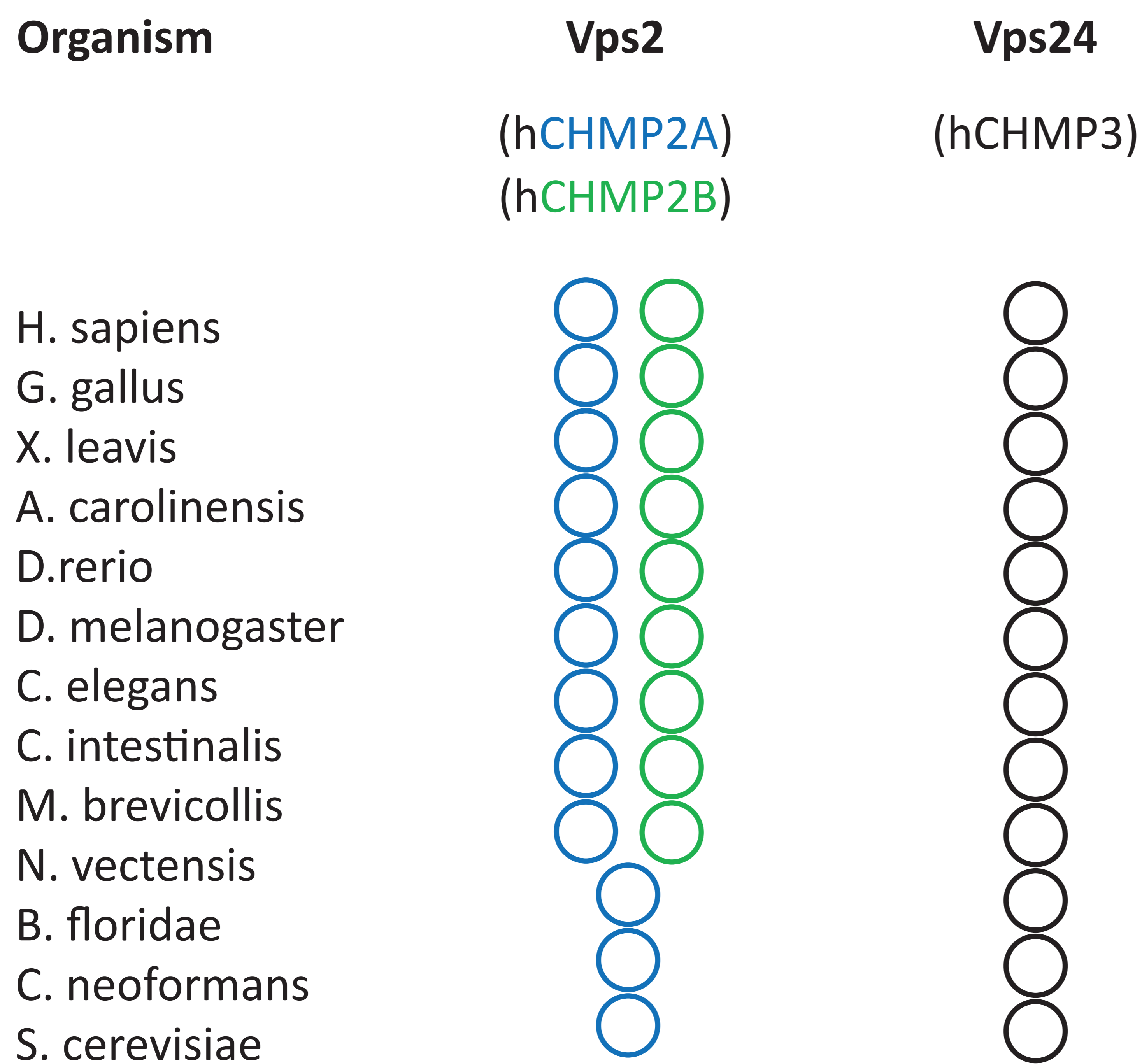


SUPPLEMENTARY 1

A

ESCRT complex	Proposed Function	Evolutionary origin	Yeast	Human
ESCRT -III	Membrane remodelling	Archaea	Vps20 Snf7 Vps24 Vps2	CHMP6 CHMP4A, B, C CHMP3 CHMP2A, B

B



C

Cellular process	Organism	ESCRT -III core components
MVB formation	S. cerevisiae H. sapiens	CHMP4B - CHMP3 CHMP2A
Cytokinesis	H. sapiens	CHMP4B - CHMP3 CHMP2A - CHMP2B
HIV-1 budding	H. sapiens	CHMP4B - CHMP3 CHMP2A - CHMP2B
Neurone severing	H. sapiens	CHMP4B - CHMP3 CHMP2A - CHMP2B
Pasma membrane repair	H. sapiens	CHMP4B - CHMP3 CHMP2A - CHMP2B