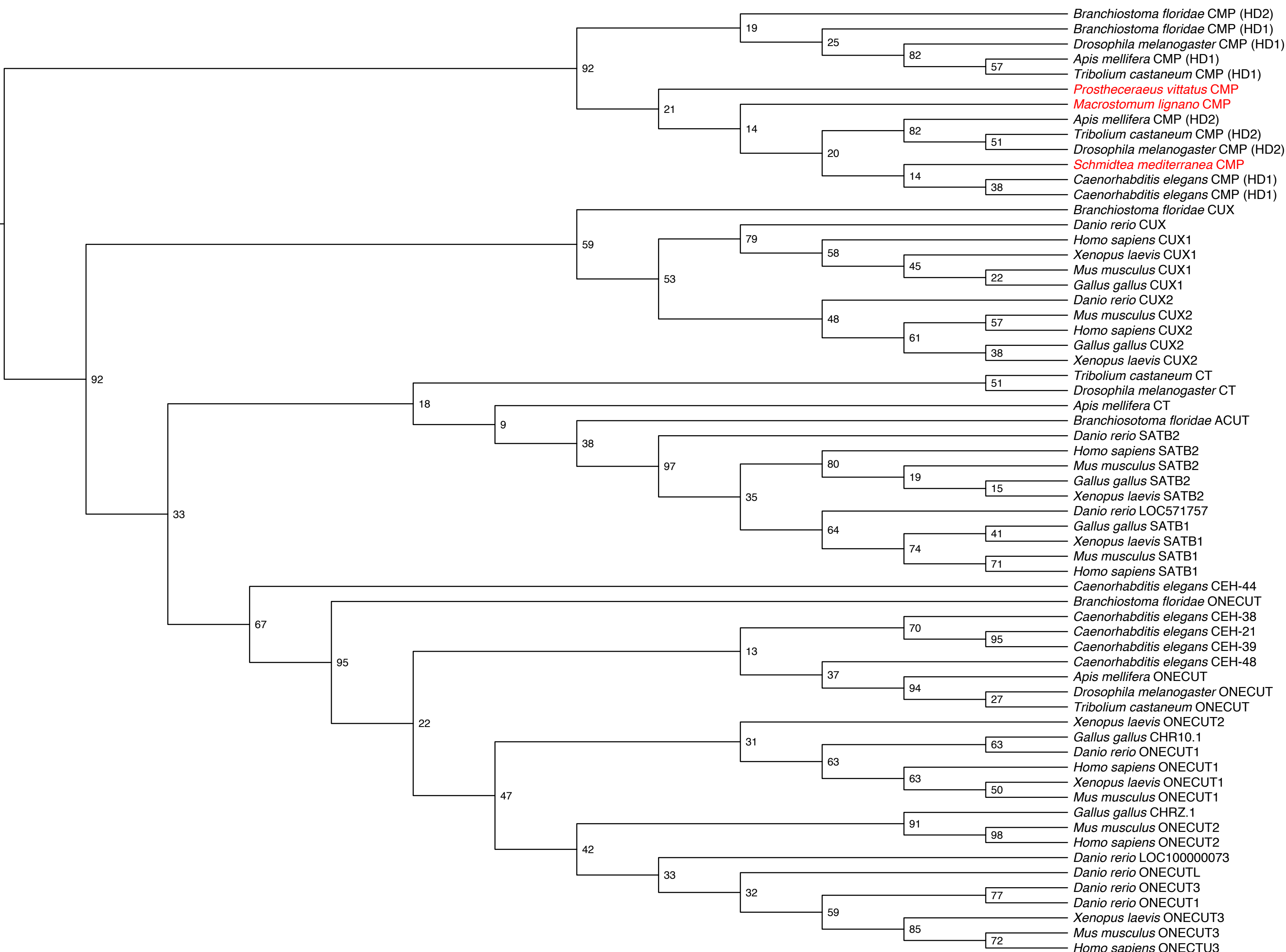


0.9



1.0

Supplementary table 1. Transcriptomes analyzed in this study

Species	Group	Source	Depth (bp)
<i>Austrognathia</i> sp.	Gnathostomulida	Laumer, et al. (2015)	12,897,815
<i>B. candida</i>	Platyhelminthes	Laumer, et al. (2015)	22,365,603
<i>B. balticus</i>	Platyhelminthes	Laumer, et al. (2015)	11,257,706
<i>B. semperi</i>	Platyhelminthes	Laumer, et al. (2015)	56,081,914
<i>D. lacteum</i>	Platyhelminthes	Laumer, et al. (2015)	115,254,878
<i>F. magna</i>	Platyhelminthes	Laumer, et al. (2015)	33,048,065
<i>G. applanata</i>	Platyhelminthes	Laumer, et al. (2015)	84,830,526
<i>G. tigrina</i>	Platyhelminthes	Laumer, et al. (2015)	28,510,283
<i>Gnosonesimida</i> sp. IV	Platyhelminthes	Laumer, et al. (2015)	49,489,839
<i>H. microstoma</i>	Platyhelminthes	Tsai, et al. (2013)	14,805,351
<i>K. amphipodicola</i>	Platyhelminthes	Laumer, et al. (2015)	51,328,359
<i>Lehardyia</i> sp.	Platyhelminthes	Laumer, et al. (2015)	9,340,372
<i>L. patella</i>	Rotifera	Laumer, et al. (2015)	1,846,131
<i>L. squamata</i>	Gastrotricha	Laumer, et al. (2015)	61,247,222
<i>M. ruebushi</i>	Platyhelminthes	Laumer, et al. (2015)	32,818,396
<i>M. lignano</i>	Platyhelminthes	SRA (SRX1343824)	146,421,223
<i>Microdalyellia</i> sp.	Platyhelminthes	Laumer, et al. (2015)	15,908,586
<i>M. lineare</i>	Platyhelminthes	Laumer, et al. (2015)	104,592,789
<i>M. fusca</i>	Platyhelminthes	Laumer, et al. (2015)	107,319,077
<i>P. alpinus</i>	Platyhelminthes	Laumer, et al. (2015)	33,251,738
<i>Prorhynchus</i> sp. I	Platyhelminthes	Laumer, et al. (2015)	35,939,907
<i>P. riseri</i>	Platyhelminthes	Laumer, et al. (2015)	11,833,063
<i>P. vittatus</i>	Platyhelminthes	Laumer, et al. (2015)	361,770,473
<i>Protomonotresidae</i> sp.	Platyhelminthes	Laumer, et al. (2015)	26,049,265
<i>P. sphagnum</i>	Platyhelminthes	Laumer, et al. (2015)	3,673,073
<i>R. rostratum</i>	Platyhelminthes	Laumer, et al. (2015)	54,514,686
<i>S. mansoni</i>	Platyhelminthes	Berriman, et al. (2009)	120,642,446
<i>S. mediterranea</i>	Platyhelminthes	Laumer, et al. (2015)	37,838,721
<i>S. mediterranea</i> (BE)	Platyhelminthes	Adamidi, et al. (2011)	26,258,087
<i>S. mediterranea</i> (DD)	Platyhelminthes	Brandl, et al. (2015)	51,791,386
<i>S. mediterranea</i> (MU)	Platyhelminthes	Sandmann, et al. (2011)	31,092,796
<i>S. mediterranea</i> (OX)	Platyhelminthes	Kao, et al. (2013)	59,986,795
<i>S. mediterranea</i> (TO)	Platyhelminthes	BioProject (PRJNA205281)	30,446,539
<i>Solenopharyngidae</i> sp.	Platyhelminthes	Laumer, et al. (2015)	15,247,204
<i>S. leucops</i>	Platyhelminthes	Laumer, et al. (2015)	79,082,476
<i>S. ellipticus</i>	Platyhelminthes	Laumer, et al. (2015)	129,598,829
<i>Xenoprorhynchus</i> sp. I	Platyhelminthes	Laumer, et al. (2015)	20,991,891