

mod/ENCODE Transcription Comparison Paper Figures

3 Apr 2013

Transcriptome Comparison Group

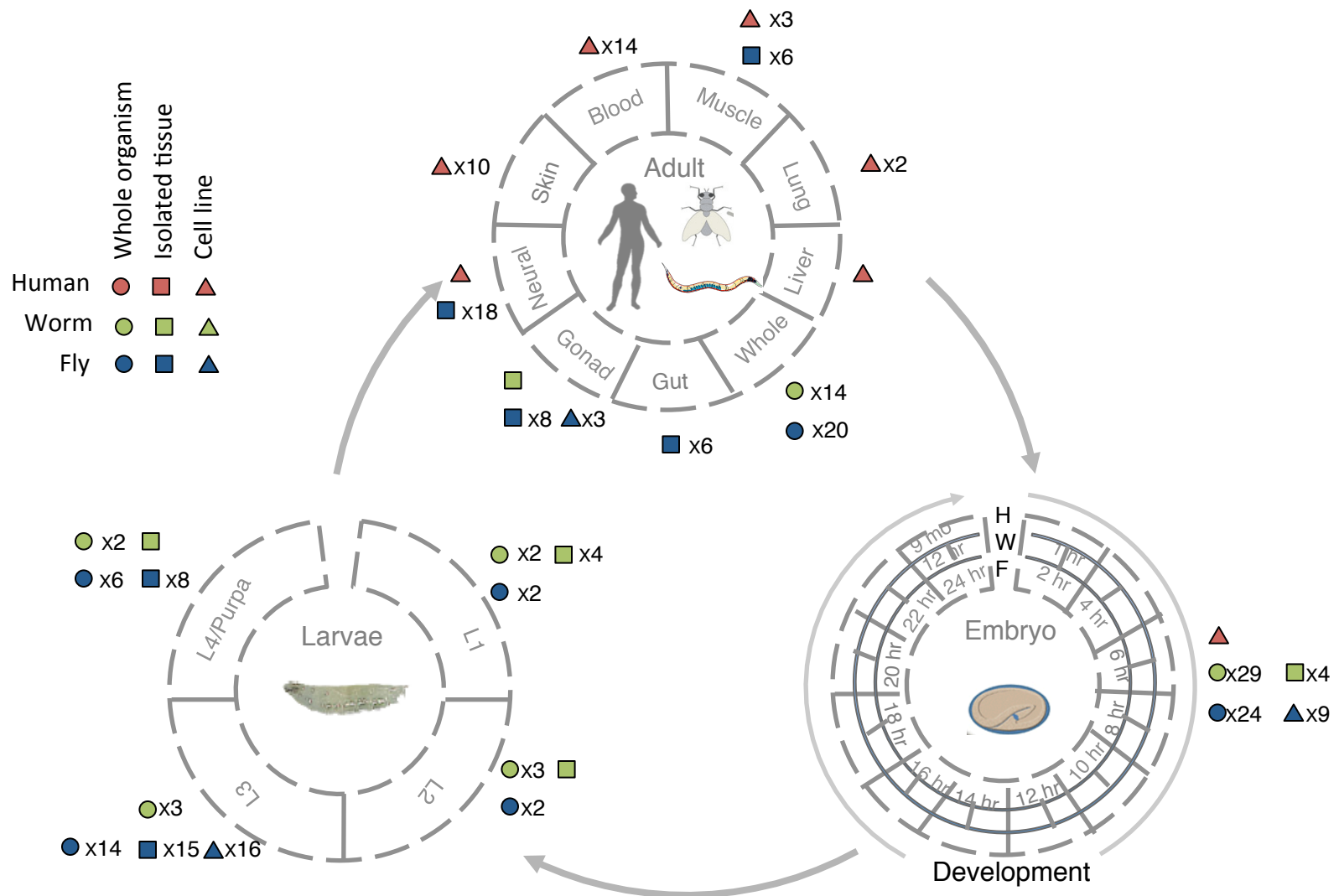


Fig. 1

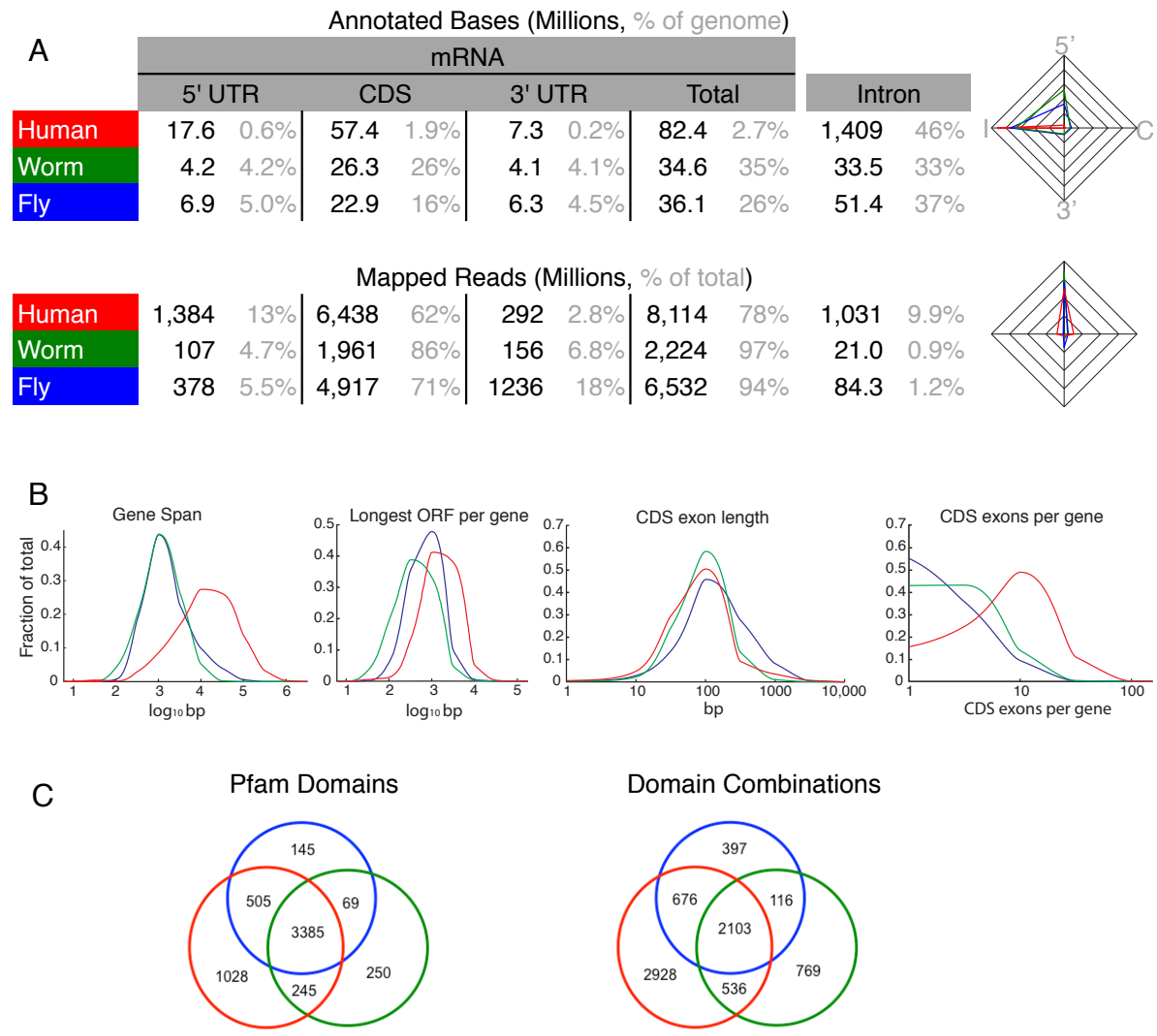


Fig. 2

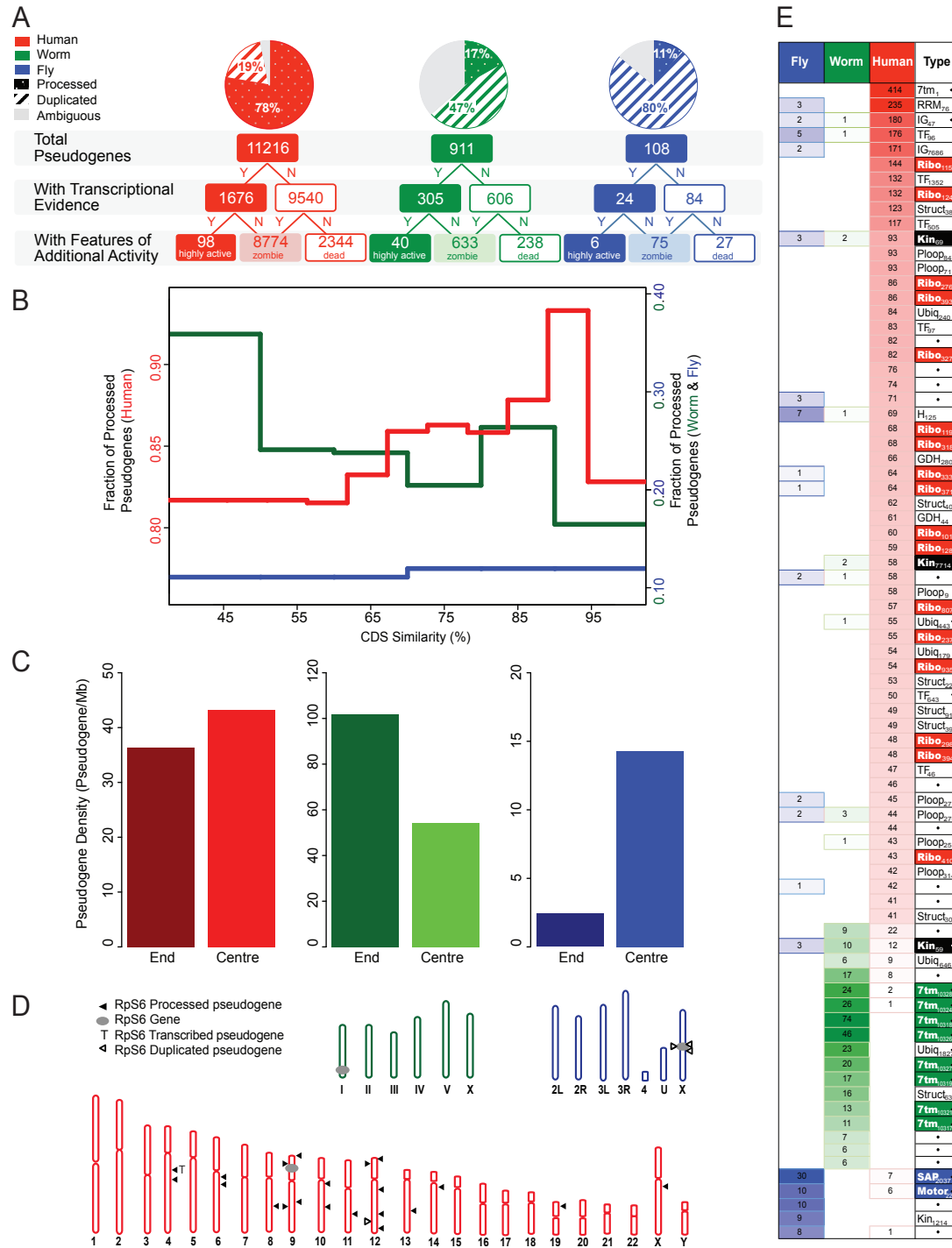


Fig. 4

A

			Human			Worm			Fly		
			Elements	Genome Coverage		Elements	Genome Coverage		Elements	Genome Coverage	
				Kb	%		Kb	%		Kb	%
Annotated ncRNAs	Comparable ncRNAs	pri-miRNA	58	1,158	0.04	44	16	0.02	43	300	0.23
		pre-miRNAs	1,756	162	0.006	221	20	0.02	236	22	0.02
		tRNAs	624	47	0.002	609	45	0.04	314	22	0.02
		snoRNAs	1,521	168	0.006	141	16	0.02	287	34	0.03
		snRNAs	1,944	210	0.007	114	14	0.01	47	7	0.006
		lncRNAs	10,840	10,581	0.37	233	184	0.18	852	868	0.68
	Other ncRNAs	5,411	3,268	0.11	40,104	2,329	2.3	376	2,103	1.6	
	piRNA loci	88	1,272	0.04	35,329	449	0.45	27	1,473	1.1	
Total ncRNAs		22,154	17,770	0.62	41,466	2,611	2.6	2,155	3,279	2.6	
Regions Excluding mRNAs, Pseudogenes or Annotated ncRNAs			283,816	2,731,811	95.5	143,372	63,520	63.3	60,108	89,445	69.6
Transcription Detected (TARs)			708,253	916,401	32.0	232,150	37,029	36.9	83,618	44,256	34.5
Supervised Predictions			104,016	13,835	0.48	2,525	392	0.39	599	164	0.13
Overlapping TEs			1,616,444	451,416	15.8	64,694	5,510	5.5	36,839	6,935	5.4
In Introns			515,803	667,440	23.3	153,517	21,585	21.5	61,601	30,389	23.7

Fig. 5 (part i/ii)

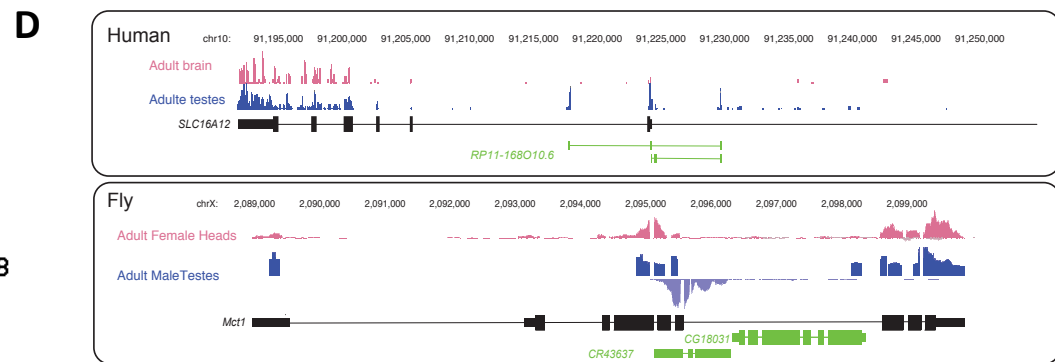
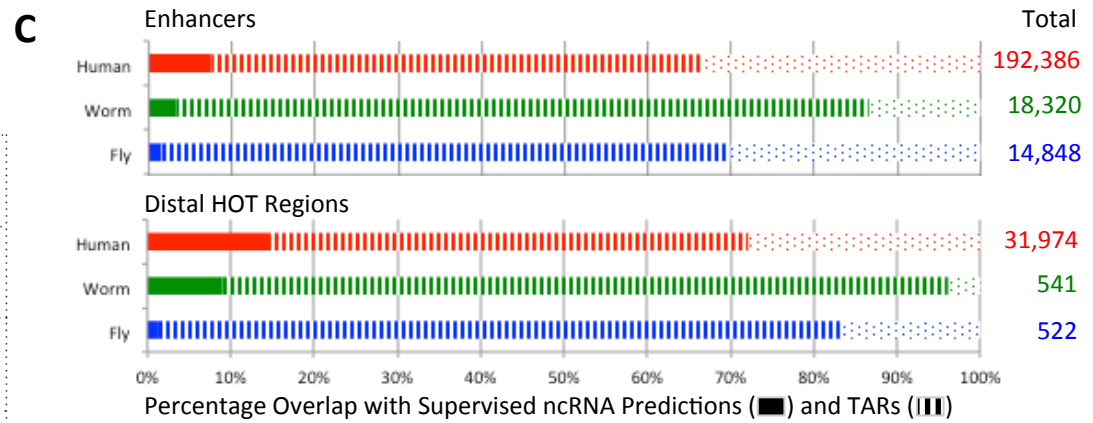
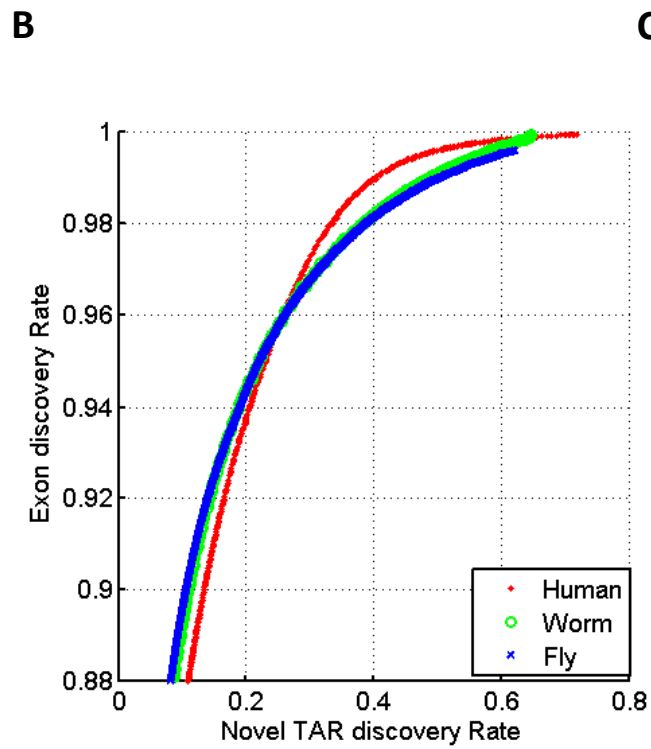


Fig. 5 (part ii/ii)

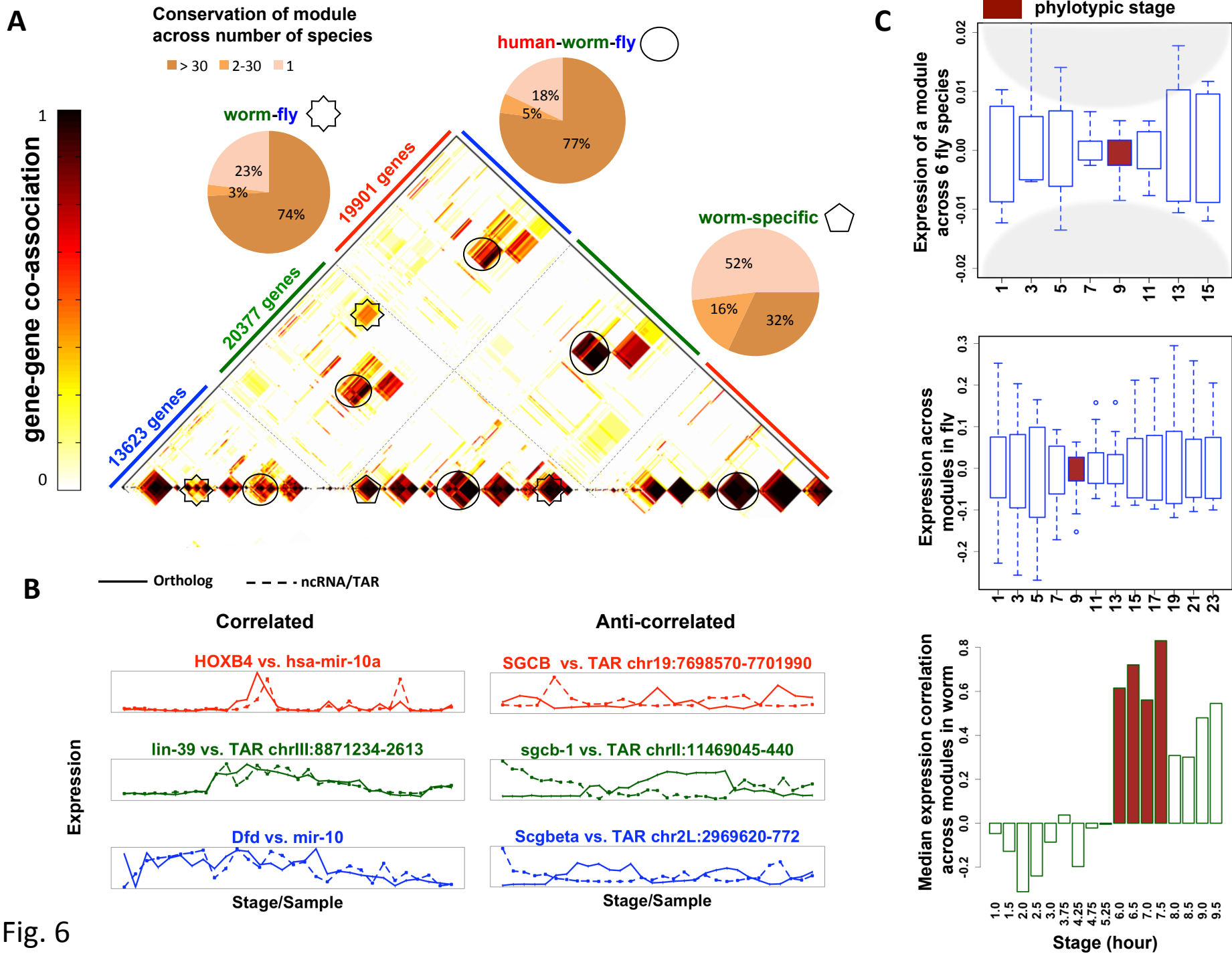


Fig. 6

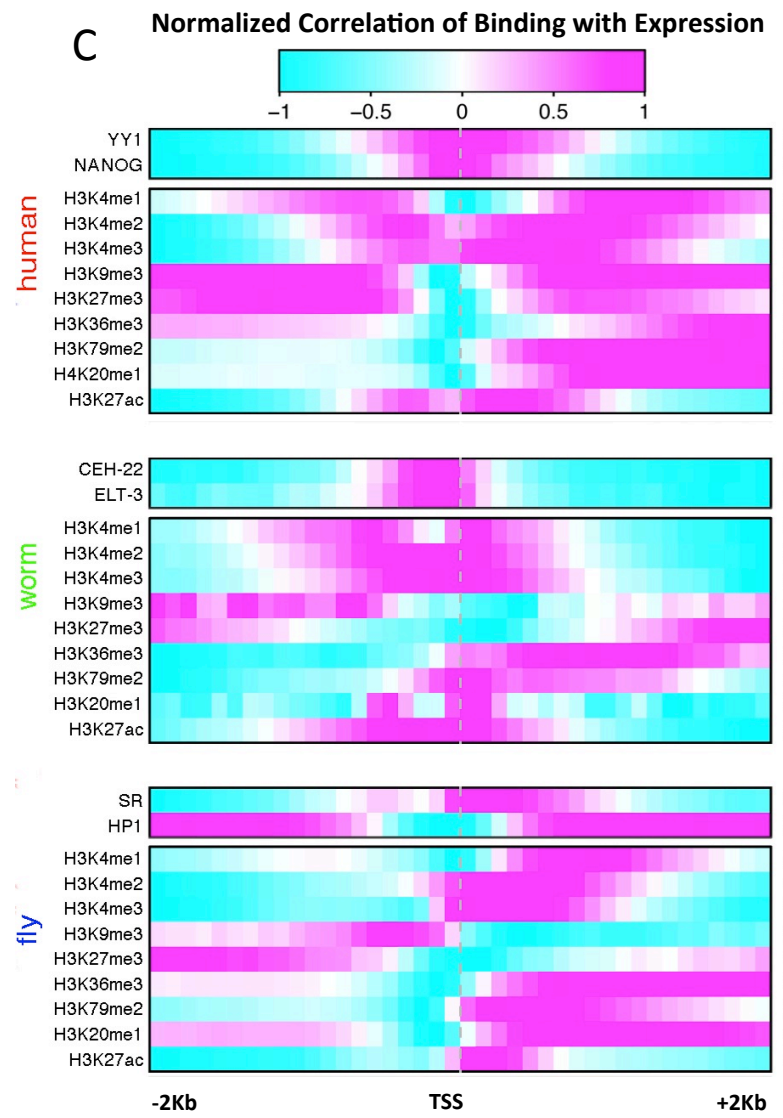
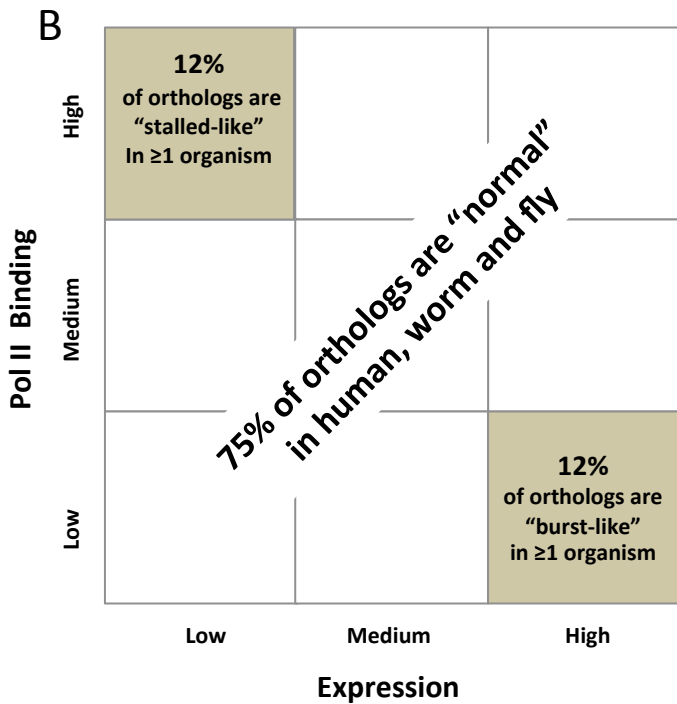
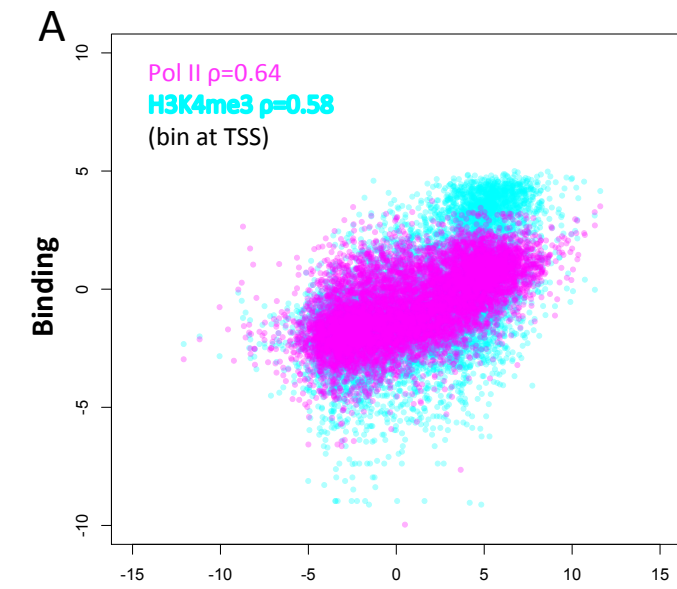


Fig. 8 (part i/ii)

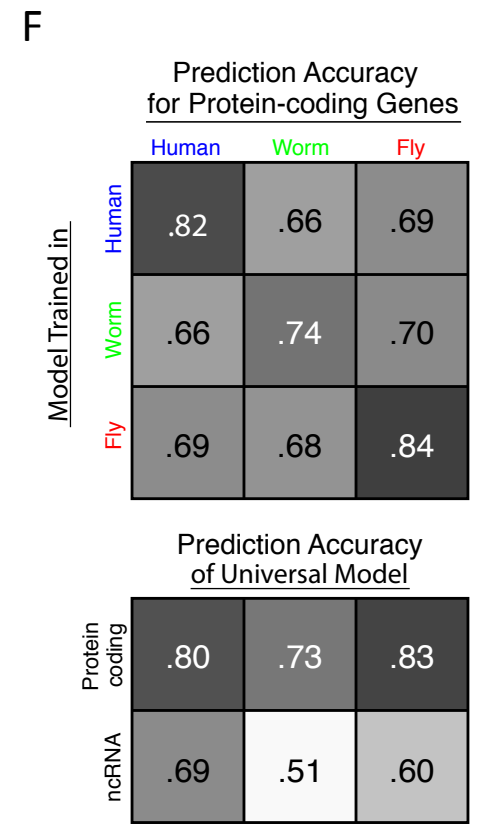
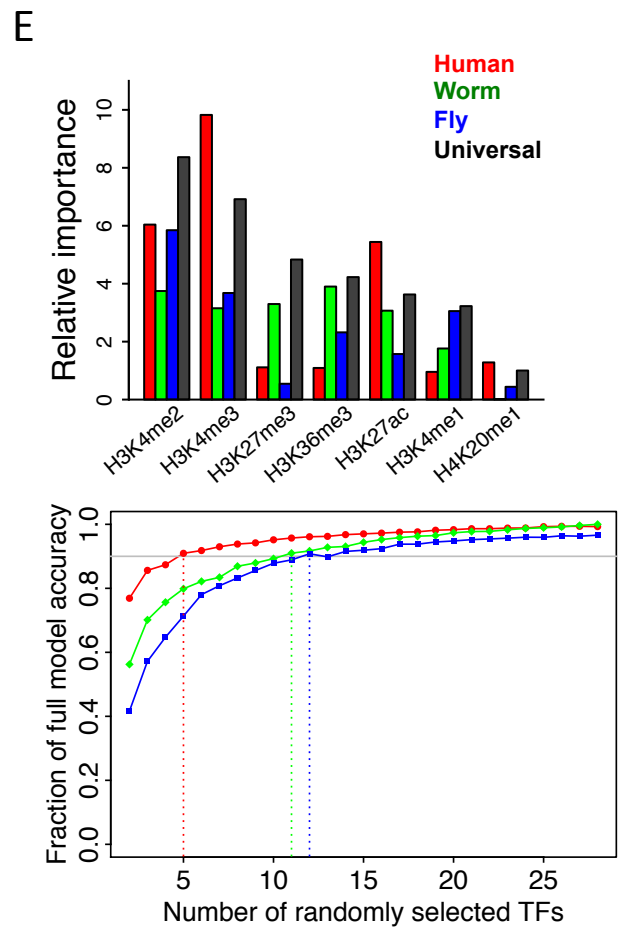
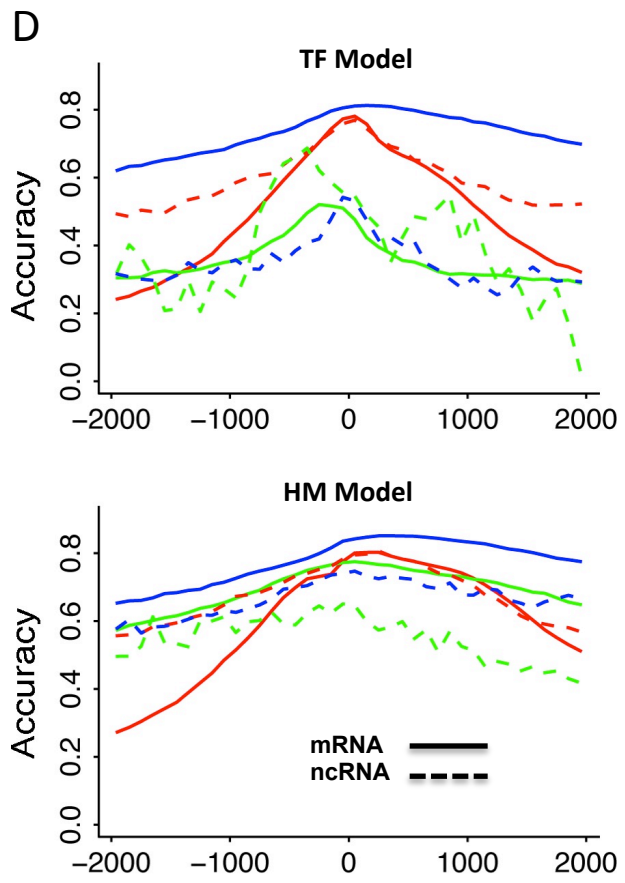


Fig. 8 (part ii/ii)