

Supplementary Table S1. Sowah intron lengths across metazoans

	Median	Average	Aver -5%	Intron 1	Intron 2	Intron 3	Intron 4	Intron 5	Intron 6*	Intron 7*	Intron 8	Intron 9	Intron 10	Intron 11	Intron 12
<i>Takifugu rubripes</i> Sowah1	147	568	315	1726	519	1775	269	265	2907	526	70		289	na	na
<i>Takifugu rubripes</i> Sowah2				?	?	?	?	141	3186	3207	1298	?	?	?	?
<i>Danio rerio</i> Sowah1	1112	3407	1787	11448	2134	6986	1348	143	19489	4526	2029		2176	na	na
<i>Danio rerio</i> Sowah2				?	?	?	?	7342	12327	>11843	>8679	?	?	?	?
<i>Ciona intestinalis</i> Sowah	333	545	365	524	332	296	333	614	743	690	339	1463	723	395	553
<i>Branchiostoma floridae</i> Sowah	730	1460	973	3386	3135	455	2118	7577	13071	5647	708	7283	8422	1268	2732
<i>Saccoglossus kowalevskii</i> Sowah	n.d.	n.d.	n.d.	2870	14784	?	?	22781	13720	2021	802	>4183	487	720	454
<i>Strongylocentrotus purpuratus</i> Sowah	748	1624	1015	6819	11973	?	?	46360	41961	5100	1350	9021	1083	1765	916
<i>Drosophila melanogaster</i> Sowah	74	1123	394	111	na	6499	na	16402	7107	825	243	1480	61	na	na
<i>Anopheles gambiae</i> Sowah	93	1353	510	148	na	13875	90	37220	17132	9269	2946	13507	76	93	na
<i>Tribolium castaneum</i> Sowah	54	1312	553	3258	na	11477	648	5748/35243	43326/13831	2822	48	321	46	50	na
<i>Apis mellifera</i> Sowah	120	1177	334	176	435	35159	1604	82935	43517	10441	961	6628	960	373	na
<i>Caenorhabditis elegans</i> Sowah	67	321	201	na	na	na	na	na	69	50	1974	na	na	na	na
<i>Capitella teleta</i> Sowah	299	553	386	4478	68	83	82	2547	9180	5212	5741	1611	1197	2292	1440
<i>Helobdella robusta</i> Sowah	260	531	347	na	na	na	na	na	na	na	na	na	na	na	na
<i>Lottia gigantea</i> Sowah	552	965	662	1883	300	298	118	331	1038	274	231	3942	154	484	na
<i>Nematostella vectensis</i> Sowah	591	961	723	75	406	171	225	110	2113	999	3546	74	4324	3542	5187
<i>Trichoplax adhaerens</i> Sowah	278	419	320	72	845	?	276	na	506	411	72	?	?	?	?

Average Bilaterians

353 1149 603

KEY

No applicable (not conserved intron) na
 No data (not identifiable flanking exons) ?
 Split into several contigs/scaffolds
 Several alternatives for exon prediction
 Intron containing 3nt-microexon(s) *

Not linked

No data on linkage

Duplicated