

Table 9. Sequences used to construct the consensus transposases of *Galileo* and *I360* in the different species

A. *Galileo* sequences

Species	Contig	Coordinates
<i>D. ananassae</i>	9736	951-1
	11169	745-2142
	15556	3049-5748
	15979	73038-74395
	16864	8193-6713
	19410	8996-11618
<i>D. pseudoobscura</i>	384	17-532
	521	5574-4963
	1362	13473-13218
	2192	3433-4322
	2193	3840-4137
	3151	21387-23048
	3152	9685-8131
	3311	5683-4590
	3409	5918-6991
	3514	4441-3863
	3688	28103-29511
	4007	55218-55959
	4025	782-265
	4842	7178-6832
	5255	6307-6857
	5529	5015-4446
	5668	514-1070
<i>D. persimilis</i>	2279	35952-37131
	2979	65246-64154
	7728	2360-3504
	7729	4139-5587
	7807	4183-4785

Species	Contig	Coordinates
	9771	76484-77861
	11866	2506-3153
	12167	28-218
	12803	984-2401
	12806	4579-4847
	13439	740-141
	13644	5604-6247
	14651	3800-4468
	16801	936-669
<i>D. willistoni</i>	480	2760-1949
	1514	1430-255
	1633	1484-3134
	1765	758-1818
	3103	2956-1579
	3729	2677-1005
	4852	3775-2272
	5955	5147-3320
	5995	709-2234
	6043	7043-5519
	8665	22915-21026
	9276	484-1020
	9858	3576-3081
	10048	88633-85942
	12170	994-1320
16933	1388-1	
<i>D. virilis</i>	1717	1-1012
	15993	12835-13499, 14137-15635
	15994	525-1189, 1833-3328
	16046	32251-30912
	16409	4899-7707
<i>D. mojavensis</i>	7794	15733-16250, 16996-17354, 17922-19752
	8435	2326-4274

Species	Contig	Coordinates
	9930	6622-3845, 2943-2925
	10367	5542-4941
	10369	33528-35574
	10376	5737-8521
	10758	41776-38993
	10765	58610-56353, 55103-54923
	10770	11540-14367
	10773	38494-36616, 35773-35425
	10792	25781-23831
	10918	8142-8284, 9122-9799, 10584-12359
	10924	27530-30351
	10946	8917-8941, 9824-12351
	11233	8461-5654
	11255	2735-5284

B. 1360 sequences

Species	Contig	Coordinates
<i>D. melanogaster</i>	Chr 4	812470-809907
	Chr 2L	20145959-20144580
	Hoppel-1	Ref. 25
	Hoppel-2	Ref. 25
	Hoppel Delta 5'	Ref. 25
<i>D. simulans</i>	Chr 2L Random	797960-799694
	Chr 2L Random	802845-804906
	Chr 2R	1199657-1199795
	Chr 2R	1200547-1201734
	Chr 2R	1208090-1206110
	Chr 3L	18143039-18143892
	Chr U	8188307-8185783
<i>D. sechellia</i>	3536	2255-2621
	9279	386-2615
	6826	2014-40
	11410	1640-11
	5259	2194-4726
	12180	2014-313
	5902	5125-2571
	3527	1-1564
<i>D. erecta</i>	7363	803868-801367
	6939	4861-5757
	7407	140279-137852
	7373	87864-86694
	7387	150284-149418
	7387	135352-137773
	7387	108989-106572
	6826	4906-5127
<i>D. yakuba</i>	260.3	23020-20458
	5.41	7616-10177
	0.40	345812-348373

Species	Contig	Coordinates
	2.7	423893-421332
<i>D. pseudoobscura</i>	784	23339-25777
	1994	72290-72758
	4431	49805-50291
	520	17194-17712
<i>D. persimilis</i>	17644	428-816
	9857	66929-64479
	11446	2544-2069
	11871	3502-3042, 1903-1373
	14344	495-1631
<i>D. virilis</i>	17532	8869-8505
	13070	7536-6667
	15641	25683-27672, 28440-28823
	17537	36198-33865, 33361-33160
	4746	3288-4134

Coordinates corresponding to the transposase sequence inside each contig are given following the transcriptional direction (from Methionine to STOP codon).