

Table S2 Insect species and GenBank accession numbers for the DSX sequences analyzed in the present work.

DSX	Taxa	Protein Acc#	
		<i>Female-specific</i>	<i>Male-specific</i>
DIPTERA			
Calliphoridae			
1.	<i>Lucilia cuprina</i>	ADG37649	ADG37648
Culicidae			
2.	<i>Aedes aegypti</i>	ABD96571	ABD96573
3.	<i>Anopheles gambiae</i>	AAX48939	AAX48940
Drosophilidae			
4.	<i>Drosophila erecta</i>	XP_001979242	XP_001979242
5.	<i>Drosophila melanogaster</i>	NP_731198	NP_731197
6.	<i>Drosophila persimilis</i>	XP_002013146	XP_002013146
7.	<i>Drosophila pseudoobscura</i>	XP_003736648	XP_001359020
8.	<i>Drosophila sechellia</i>	XP_002038750	XP_002038750
9.	<i>Drosophila simulans</i>	XP_002102542	XP_002102542
10.	<i>Drosophila yakuba</i>	XP_002086778	XP_002086778
Muscidae			
11.	<i>Musca domestica</i>	AAR23812	AAR23813
Phoridae			
12.	<i>Megaselia scalaris</i>	AF283695_1	AF283696_1
Sciaridae			
13.	<i>Sciara coprophila</i>	HG934386	HG934387
Tephritidae			
14.	<i>Anastrepha obliqua</i>	AAY25166	AAY25167
15.	<i>Bactrocera oleae</i>	CAD67986	CAD67987
16.	<i>Ceratitis capitata</i>	AAN63598	AAN63597
HYMENOPTERA			
Apidae			
17.	<i>Apis mellifera</i>	ABV55180	ABV55178
Pteromalidae			
18.	<i>Nasonia vitripennis</i>	ACJ65508	ACJ65511
LEPIDOPTERA			
Bombycidae			
19.	<i>Bombyx mori</i>	BAB13471	BAB13472
Saturniidae			
20.	<i>Antheraea assama</i>	ADL40848	ADL40846
COLEOPTERA			
Tenebrionidae			
21.	<i>Tribolium castaneum</i>	AFQ62106	AFQ62105
DIPLOSTRACA			
Daphniidae			
22.	<i>Daphnia magna</i>	BAJ78307	BAJ78307