

Supplemental Table 2:

Candidate Y-linked scaffolds of *L. longipalpis s.l.* which showed Blast hits with a *D. melanogaster* gene. Note that there is no clear pattern which could suggest the origin of the *L. longipalpis* Y-chromosome.

Scaffold ID	% of unmatched k-mers	<i>D. melanogaster</i> ortholog	Muller element
19450	92.6	<i>Fpps</i>	C
31567	74.2	<i>Fpps</i>	C
14019	83.5	<i>Ac13E</i>	A
30324	87.2	<i>CG3523</i>	B
22552	88.7	<i>Got2</i>	B
24171	84.7	<i>CG1236</i>	E
24171	84.7	<i>CG9331</i>	B
23976	88.2	<i>CG2256</i>	A
23053	85.4	<i>pigeon</i>	B
18485	91.7	<i>proPO45</i>	C
30018	85.4	<i>spel1</i>	B