

**Table S4. Regression between position of gene orthologs in *D. melanogaster* and *B. cucurbitae***

<b>Muller element</b>	<b><i>B. cucurbitae</i> chr.</b>	<b><i>D. melanogaster</i> chr.</b>	<b><math>R^2</math></b>	<b>p-value</b>
A	3	X	0.04	< 1e-4
B	5	2L	0.08	< 1e-4
C	6	2R	0.01	< 1e-4
D	2	3L	0.23	< 1e-4
E	4	3R	0.05	< 1e-4