

**Table S7 Summary of multiple QTL analysis of variation in number of body bends during reversal.**

	<b>df</b>	<b>Type III SS</b>	<b>LOD</b>	<b>%var</b>	<b>F value</b>	<b>Pvalue(Chi2)</b>	<b>Pvalue(F)</b>
IV@195.6	2.0000	5.6736	3.5485	9.8662	8.4226	0.0003	0.0004
V@165.8	2.0000	4.1708	2.6487	7.2529	6.1917	0.0022	0.0027
IV@195.6:V@165.8	1.0000	0.0047	0.0031	0.0081	0.0139	0.9047	0.9063

Summary of Multiple QTL Model with Mean number of body bends during reversals