

Table S1. Chromosomal distribution of the 427 clones used to construct the physical map of *D. buzzatii*.

Hybridization signals	Chromosomal localization						Total
	X	2	3	4	5	6 (dot)	
One euchromatic signal only	72	75	67	74	62	1	351
One primary euchromatic signal plus secondary weaker signals	1	6	5	3	7	-	22
One primary signal plus secondary signals and pericentromeric regions	-	2	3	1	3	1	10
One signal and pericentromeric regions	10	5	8	6	13	2	44
Total number of clones hybridized to chromosomes	83	88	83	84	85	4	427
Total number of independent markers	79	85	81	81	83	4	413
Total number of contigs anchored to chromosomes	44	28	33	31	43	2	181
Total number of clones in anchored contigs	1122	2138	1386	1537	1547	58	7788