

Table S4 . BAC sequencing and assembly statistics.

BAC Name	Gene name	Number of Reads	Number of Bases	Number of Assembled Reads	Large Contig/Scaffold Number (>1 kb)	Average Large Contig/Scaffold Size	Percent Assembled (%)
65P13	SIX4	200537	38443944	170587	3	22463	0.85
93L17	SIY4	1154	1575745	932	23	6222	0.81
62M2	Sv4	69648	16725302	63674	30	6921	0.91
251L13	SIAP3X	6275	2056538	5797	56	3180	0.92
30L22	SIAP3Y	82974	20293397	72221	39	7023	0.87
91M20	SvAP3	23398	5800501	21206	6	18284	0.91