

	No. of reads	Reads kept	Percentage kept	Accession No.
<i>M. occulta</i> F+3	42,174,510	-	-	SRR1197985
<i>M. occulta</i> F+3	50,018,302	-	-	SRR1197986
<i>M. occulta</i> F+4	44,948,983	-	-	SRR1199464
<i>M. occulta</i> F+5	53,692,296	-	-	SRR1199259
<i>M. occulta</i> F+6	45,782,981	-	-	SRR1199268
<i>M. occulta</i> Total	236,617,072	30,923,154	13%	
<i>M. oculata</i> F+3	47,045,433	-	-	SRR1197522
<i>M. oculata</i> F+4	52,890,938	-	-	SRR1197965
<i>M. oculata</i> F+5	50,156,895	-	-	SRR1197972
<i>M. oculata</i> Total	150,093,266	17,578,584	11.70%	

Assembly	Assembler	CEGMA C ¹	CEGMA P ²	<i>Molgula</i> ³	M. occulta	M. oculata	C. intestinalis	RBH ⁴
M. occulta dn	Velvet/Oases	95.16	98.79	66.85 (88.52)	96.125	-	84.64	45.04
M. occulta raw	Velvet/Oases	94.76	98.39	66.85 (87.76)	94.5	-	84.69	45.23
M. occulta dn	Trinity	91.53	98.79	67.41 (91.42)	96.75	-	85.08	46.18
M. occulta raw	Trinity	97.58	98.79	66.85 (90.27)	97	-	85.4	45.38
M. oculata dn	Velvet/Oases	96.77	98.39	64.6 (92.07)	-	96.67	85.13	43.88
M. oculata raw	Velvet/Oases	95.56	98.79	64.0 (91.34)	-	95.33	84.79	43.82
M. oculata dn	Trinity	96.37	98.79	64.6 (91.94)	-	97.6	85.28	45.14
M. oculata raw	Trinity	97.58	98.79	64.6 (91.23)	-	97.93	85.51	44.82