

# Report

	IDBA_UD	Ray	SOAPdenovo2	SPAdes
# contigs ( $\geq 1000$ bp)	9266	3430	7653	12388
# contigs ( $\geq 5000$ bp)	899	644	757	1441
# contigs ( $\geq 10000$ bp)	395	267	150	568
# contigs ( $\geq 25000$ bp)	159	56	6	166
# contigs ( $\geq 50000$ bp)	51	7	0	50
Total length ( $\geq 1000$ bp)	31179475	13577392	19480282	41011114
Total length ( $\geq 5000$ bp)	15271030	7810188	6282063	19673481
Total length ( $\geq 10000$ bp)	11929275	5184704	2199289	13795361
Total length ( $\geq 25000$ bp)	8307270	2011775	197247	7739754
Total length ( $\geq 50000$ bp)	4659009	454140	0	3850368
# contigs	20053	6857	21087	28661
Largest contig	305144	78051	40707	183106
Total length	38837027	15942170	28626572	52077982
GC (%)	43.49	42.63	42.42	43.71
N50	2962	4810	1743	2960
N75	1204	1658	843	1141
L50	2009	677	3648	3134
L75	7392	2169	9824	10560
# N's per 100 kbp	314.09	2426.23	3638.02	1903.07

All statistics are based on contigs of size  $\geq 500$  bp, unless otherwise noted (e.g., "# contigs ( $\geq 0$  bp)" and "Total length ( $\geq 0$  bp)" include all contigs).

Nx





