

*Table S1. List of mean and standard deviation values for Nanopore read depth for each extracted putative Y-contigs in the O11 assembly.*

<b>contig name</b>	<b>mean</b>	<b>std</b>	<b>contig name</b>	<b>mean</b>	<b>std</b>
ctg000030	74.7	66.91	ctg000610	49.84	42.98
ctg000040	18.05	8.41	ctg000620	36.92	32.97
ctg000090	87.38	105.04	ctg000630	130.15	106.7
ctg000030	74.7	66.91	ctg000650	28.05	18.36
ctg000040	18.05	8.41	ctg000670	25.08	16.35
ctg000090	87.38	105.04	ctg000690	161.96	124.67
ctg000140	71.22	39.2	ctg000710	22.1	20.53
ctg000160	21.03	8.76	ctg000720	55.3	45.84
ctg000170	22.88	17.33	ctg000760	65.53	35.86
ctg000210	18.12	19.91	ctg000780	90.1	114.92
ctg000220	21.12	12.83	ctg000800	46.2	49.13
ctg000230	33.34	17.23	ctg000810	64.55	69.03
ctg000240	55.27	37.43	ctg000820	17.42	8.03
ctg000270	23.99	16.87	ctg000830	50.49	32.33
ctg000280	58.9	51.79	ctg000840	80.42	94.47
ctg000300	72.61	19.6	ctg000850	46.73	60.05
ctg000320	21.32	19.79	ctg000870	15.22	5.43
ctg000340	30.37	31.3	ctg000880	24.31	15.79
ctg000350	32.94	37.98	ctg000900	76.43	68.26
ctg000360	28.8	14.57	ctg000910	41.09	40.45
ctg000370	53.66	64.51	ctg000920	38.64	15.04
ctg000410	94.67	108.2	ctg000930	26.18	20.87
ctg000440	24.49	15.43	ctg000960	40.88	15.62
ctg000520	47.37	38.8	ctg000970	27.59	106.61
ctg000560	23.85	18.13	ctg001030	28.6	36
ctg000600	86.33	89.5	.17		