

**Table 1.**

Benchmarking of ORIO runtimes with analyses of different sizes

		NGS datasets used					
		2	5	10	50	100	500
Feature list members	10	10	10	11	16	21	134
	50	11	24	12	16	23	156
	100	74	74	80	186	342	1668
	500	75	77	116	175	312	1929
	1000	75	77	90	176	339	1968
	5000	85	93	100	225	421	2541
	10 000	93	105	112	299	570	3348
	50 000	167	214	285	845	1614	9523
	100 000	243	346	568	1718	3237	19 702

Number of NGS datasets used and length of feature list are indicated in column and row headers, respectively. NGS datasets were selected at random from hosted ENCODE hg19 datasets. Feature lists were generated by selecting random positions in the human genome. Runtimes are reported in seconds of wall-clock time.