

	Simulation Parameter			True Alignment Statistics (Set-wise)					PIMT Statistics (Branch-wise)		PIMT Statistics	
Model	Gap Len	Tree Height	Gap Prob	Avg. p-dist (%)	Max. p-dist (%)	Indels (%)	No. of Cols	Avg. Gap Len	Median Gap Len	Avg. p-dist (%)	Indels (%)	Resolution (%)
100L1	long	30	2E-05	68.0	75.4	64.7	3044.7	12.9	9.4	29.0	1.2	99.7
100L2	long	20	4E-05	64.9	72.9	71.5	3843.2	14.2	10.2	24.5	1.6	99.7
100L3	long	20	2E-05	65.0	72.8	55.2	2347.2	11.1	8.2	24.4	0.8	99.6
100L4	long	15	3E-05	62.3	71.0	56.4	2459.7	11.2	8.1	20.5	0.8	99.7
100L5	long	2	2E-04	32.2	44.4	53.6	2281.9	11.4	8.5	4.3	0.7	95.9
100M1	medium	25	2E-05	66.4	74.1	44.0	1836.5	6.2	4.3	26.5	0.5	99.7
100M2	medium	20	4E-05	64.8	72.9	57.8	2486.7	7.4	5.0	24.4	0.9	99.6
100M3	medium	15	5E-05	62.6	71.0	55.1	2316.8	7.1	4.8	20.4	0.8	99.7
100M4	medium	7	1E-04	53.1	63.3	53.6	2262.9	7.0	4.8	12.7	0.8	99.3
100M5	medium	4	1E-04	45.0	56.4	38.9	1681.9	5.9	4.2	8.1	0.4	98.4
100S1	short	30	1E-05	67.6	74.9	16.1	1197.4	2.3	2.0	28.5	0.2	99.9
100S2	short	30	8E-06	67.9	74.9	14.7	1176.9	2.3	1.9	29.5	0.1	99.7
100S3	short	25	1E-05	66.6	74.0	14.2	1169.4	2.2	1.9	27.4	0.1	99.7
100S4	short	10	1E-04	58.0	67.5	40.4	1698.2	3.1	2.6	16.1	0.6	99.0
100S5	short	2	1E-03	32.0	43.6	57.2	2418.3	4.6	3.6	4.6	1.1	96.8
max std dev				2.0	1.5	5.9	400.2	1.3	1.3	2.6	0.2	2.0