Table S3 – Celera spec file parameters

	Run 1	Run 2	Run 3	Run 4	Run 5	Run 6	Run 7	Run 8	Run 9	Run 10
ovlErrorRate	0.2	0.06	0.06	0.1	0.1	0.1	0.1	0.1	0.1	0.2
cnsErrorRate	0.2	0.06	0.06	0.1	0.1	0.1	0.1	0.1	0.1	0.2
cgwErrorRate	0.2	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2
merSize	11	22	11	22	11	22	11	22	11	22
utgGraphErrorRate	0.1	0.03	0.03	0.07	0.07	0.07	0.07	0.1	0.1	0.1
utgGraphErrorLimit	3.25	3.25	3.25	3.25	3.25	3.25	3.25	3.25	3.25	3.25
utgMergeErrorRate	0.045	0.045	0.045	0.045	0.045	0.045	0.045	0.045	0.045	0.045
utgMergeErrorLimit	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25
frgMinLen	40	40	40	40	40	40	40	40	40	40
ovlMinLen	20	20	20	20	20	20	20	20	20	20
doToggle	0	0	0	0	0	0	0	0	0	0
utgBubblePopping	1	1	1	1	1	1	1	1	1	1
doOverlapBased Trimming	1	1	1	1	1	1	1	1	1	1
doDeDuplication	0	0	0	0	0	0	0	0	0	0
unitigger	bogart	bogart	bogart	bogart	bogart	bogart	bogart	bogart	bogart	bogart
cleanup	light	light	light	light	light	light	light	light	light	light
cnsConcurrency	16	16	16	16	16	16	16	16	16	16
frgCorrBatchSize	100000	100000	100000	100000	100000	100000	100000	100000	100000	100000
frgCorrConcurrency	8	8	8	8	8	8	8	8	8	8
frgCorrThreads	4	4	4	4	4	4	4	4	4	4
merylMemory	128000	128000	128000	128000	128000	128000	128000	128000	128000	128000
merylThreads	4	4	4	4	4	4	4	4	4	4
ovlConcurrency	6	6	6	6	6	6	6	6	6	6
ovlCorrBatchSize	100000	100000	100000	100000	100000	100000	100000	100000	100000	100000
ovlCorrConcurrency	16	16	16	16	16	16	16	16	16	16
ovlCorrOnGrid	0	0	0	0	0	0	0	0	0	0
ovlHashBits	24	24	24	24	24	24	24	24	24	24
ovlHashBlockLength	20000000	20000000	20000000	20000000	20000000	20000000	20000000	20000000	20000000	20000000
ovlRefBlockSize	5000000	5000000	5000000	5000000	5000000	5000000	5000000	5000000	5000000	5000000
ovlStoreMemory	8192	8192	8192	8192	8192	8192	8192	8192	8192	8192
ovlThreads	4	4	4	4	4	4	4	4	4	4