

Supplementary material for:
 “A deterministic analysis of genome integrity during neoplastic
 growth in *Drosophila*”

Table S4

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	DSVD			Delly-PE			BD	Pindel	CLEVER
	<i>c</i> = 1x	<i>c</i> = 5x	<i>c</i> = 20x	<i>c</i> = 1x	<i>c</i> = 5x	<i>c</i> = 20x	<i>c</i> = 20x	<i>c</i> = 20x	<i>c</i> = 20x
Single and double breakpoint events									
Small insertions									
<i>n</i>	228	704	971	-	-	-	288	-	-
±0	170	491	674	-	-	-	-	-	-
±1	223	673	915	-	-	-	-	-	-
±2	226	692	943	-	-	-	-	-	-
±5	226	694	948	-	-	-	-	-	-
Small deletions									
<i>n</i>	215	745	997	-	-	-	368	154	-
±0	158	514	675	-	-	-	-	-	-
±1	206	714	925	-	-	-	-	-	-
±2	211	733	955	-	-	-	-	-	-
±5	211	733	958	-	-	-	-	-	-
Large deletions									
<i>n</i>	250	718	980	185	858	966	950	963	960
±0	180	539	696	182	778	668	-	-	-
±1	239	692	920	184	791	715	-	-	-
±2	243	707	939	184	805	784	-	-	-
±5	244	710	944	185	847	940	-	-	-
Inversions									
<i>n</i>	394	889	953	27	731	957	954	977	-
±0	288	664	686	27	731	957	-	-	-
±1	387	874	936	27	731	957	-	-	-
±2	394	887	949	27	731	957	-	-	-
±5	394	889	953	27	731	957	-	-	-
Tandem Duplications									
<i>n</i>	229	708	951	196	874	975	-	965	-
±0	171	514	683	181	784	656	-	-	-

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	DSVD			Delly-PE			BD	Pindel	CLEVER
	$c = 1x$	$c = 5x$	$c = 20x$	$c = 1x$	$c = 5x$	$c = 20x$	$c = 20x$	$c = 20x$	$c = 20x$
± 1	225	695	933	185	802	716	-	-	-
± 2	228	708	946	187	820	779	-	-	-
± 5	229	708	951	195	864	941	-	-	-
Insertional duplications									
intrachromosomal downstream no inversion									
n	57	500	911	-	-	-	-	-	-
± 0	52	458	830	-	-	-	-	-	-
± 1	56	498	900	-	-	-	-	-	-
± 2	57	500	900	-	-	-	-	-	-
± 5	57	500	910	-	-	-	-	-	-
intrachromosomal downstream inversion									
n	53	519	915	-	-	-	-	-	-
± 0	49	471	829	-	-	-	-	-	-
± 1	52	514	896	-	-	-	-	-	-
± 2	52	515	898	-	-	-	-	-	-
± 5	53	519	915	-	-	-	-	-	-
intrachromosomal upstream no inversion									
n	53	499	914	-	-	-	-	-	-
± 0	48	455	837	-	-	-	-	-	-
± 1	53	497	906	-	-	-	-	-	-
± 2	53	497	910	-	-	-	-	-	-
± 5	53	498	913	-	-	-	-	-	-
intrachromosomal upstream inversion									
n	50	490	907	-	-	-	-	-	-
± 0	47	460	838	-	-	-	-	-	-
± 1	50	489	900	-	-	-	-	-	-
± 2	50	490	902	-	-	-	-	-	-
± 5	50	490	907	-	-	-	-	-	-
interchromosomal no inversion									
n	45	505	891	-	-	-	-	-	-
± 0	40	462	803	-	-	-	-	-	-
± 1	44	504	888	-	-	-	-	-	-
± 2	44	505	889	-	-	-	-	-	-
± 5	45	505	891	-	-	-	-	-	-
interchromosomal inversion									
n	34	489	893	-	-	-	-	-	-
± 0	29	453	820	-	-	-	-	-	-
± 1	34	487	887	-	-	-	-	-	-
± 2	34	487	888	-	-	-	-	-	-
± 5	34	488	892	-	-	-	-	-	-
Translocations									
intrachromosomal downstream									

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	DSVD			Delly-PE			BD	Pindel	CLEVER
	$c = 1x$	$c = 5x$	$c = 20x$	$c = 1x$	$c = 5x$	$c = 20x$	$c = 20x$	$c = 20x$	$c = 20x$
no inversion									
n	13	374	901	-	-	-	-	-	-
± 0	13	339	811	-	-	-	-	-	-
± 1	13	374	900	-	-	-	-	-	-
± 2	13	374	901	-	-	-	-	-	-
± 5	13	374	901	-	-	-	-	-	-
intrachromosomal downstream inversion									
n	11	380	855	-	-	-	-	-	-
± 0	10	345	794	-	-	-	-	-	-
± 1	11	379	873	-	-	-	-	-	-
± 2	11	380	878	-	-	-	-	-	-
± 5	11	380	884	-	-	-	-	-	-
intrachromosomal upstream no inversion									
n	11	381	914	-	-	-	-	-	-
± 0	10	357	836	-	-	-	-	-	-
± 1	11	381	914	-	-	-	-	-	-
± 2	11	381	914	-	-	-	-	-	-
± 5	11	381	914	-	-	-	-	-	-
intrachromosomal upstream inversion									
n	13	385	909	-	-	-	-	-	-
± 0	11	362	824	-	-	-	-	-	-
± 1	13	385	904	-	-	-	-	-	-
± 2	13	385	909	-	-	-	-	-	-
± 5	13	385	909	-	-	-	-	-	-
interchromosomal no inversion†									
n	20(46)	387(121)	901(10)	28	750	979	528	-	-
± 0	20	361	804	28	750	979	-	-	-
± 1	20	387	901	28	750	979	-	-	-
± 2	20	387	901	28	750	979	-	-	-
± 5	20	387	901	28	750	979	-	-	-
interchromosomal inversion†									
n	10(41)	392(134)	895(10)	22	774	974	144	-	-
± 0	10	360	779	22	774	974	-	-	-
± 1	10	391	885	22	774	974	-	-	-
± 2	10	391	888	22	774	974	-	-	-
± 5	10	392	895	22	774	974	-	-	-