

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

Table S2

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no.	chr	start	end	strand	w	conc. cov. 1	conc. cov. 2	CDS start	CDS end	Gene ID	Consequence
Tumor specific deletions											
1	2L	8184286	8184295	+	16	0	0	5412	5421	FBgn0031993	nonsynonymous
2	2L	8184286	8184295	+	16	0	0	5412	5421	FBgn0031993	nonsynonymous
3	2L	8184286	8184295	+	16	0	0	5190	5199	FBgn0031993	nonsynonymous
4	2L	10648293	10648338	+	7	11	11	1795	1840	FBgn0032275	nonsynonymous
5	2L	13777549	13777558	+	7	13	13	341	350	FBgn0051845	nonsynonymous
6	2L	18991547	18991553	+	16	25	26	473	479	FBgn0032734	nonsynonymous
7	2L	20771772	20771781	+	4	1	1	665	674	FBgn0000251	nonsynonymous
8	2L	20771772	20771781	+	4	1	1	665	674	FBgn0000251	nonsynonymous
9	2L	1499064	1499073	-	14	9	9	799	808	FBgn0031343	nonsynonymous
10	2L	1499064	1499073	-	14	9	9	916	925	FBgn0031343	nonsynonymous
11	2L	1499064	1499073	-	14	9	9	916	925	FBgn0031343	nonsynonymous
12	2L	1499064	1499073	-	14	9	9	799	808	FBgn0031343	nonsynonymous
13	2L	1499064	1499073	-	14	9	9	1126	1135	FBgn0031343	nonsynonymous
14	2L	1499064	1499073	-	14	9	9	1009	1018	FBgn0031343	nonsynonymous
15	2L	8447493	8447496	-	4	55	54	1694	1697	FBgn0027780	nonsynonymous
16	2L	10831826	10831841	-	16	4	6	87	102	FBgn0011676	nonsynonymous
17	2L	10831826	10831841	-	16	4	6	87	102	FBgn0011676	nonsynonymous
18	2L	10831826	10831841	-	16	4	6	87	102	FBgn0011676	nonsynonymous
19	2L	10831826	10831841	-	16	4	6	87	102	FBgn0011676	nonsynonymous
20	2L	10831826	10831841	-	16	4	6	87	102	FBgn0011676	nonsynonymous
21	2L	10831826	10831841	-	16	4	6	87	102	FBgn0011676	nonsynonymous
22	2L	10831826	10831841	-	16	4	6	87	102	FBgn0011676	nonsynonymous
23	2L	10831826	10831841	-	16	4	6	87	102	FBgn0011676	nonsynonymous
24	2L	10831826	10831841	-	16	4	6	87	102	FBgn0011676	nonsynonymous
25	2L	10831826	10831841	-	16	4	6	87	102	FBgn0011676	nonsynonymous
26	2L	11821212	11821218	-	4	9	8	67	73	FBgn0259225	nonsynonymous
27	2R	7096785	7096788	+	20	2	2	1124	1127	FBgn0003396	nonsynonymous
28	2R	7096785	7096788	+	20	2	2	989	992	FBgn0003396	nonsynonymous
29	2R	7096785	7096788	+	20	2	2	989	992	FBgn0003396	nonsynonymous
30	2R	7096785	7096788	+	20	2	2	989	992	FBgn0003396	nonsynonymous
31	2R	8357014	8357026	+	24	12	12	695	707	FBgn0033741	nonsynonymous
32	2R	9848730	9848744	+	19	0	0	32	46	FBgn0013770	frameshift
33	2R	17537882	17537888	+	4	12	12	152	158	FBgn0034644	nonsynonymous
34	2R	17537885	17537891	+	6	12	12	155	161	FBgn0034644	nonsynonymous
35	2R	18708967	18709021	+	4	0	5	1319	1373	FBgn0050271	nonsynonymous
36	2R	18708967	18709021	+	4	0	5	1277	1331	FBgn0050271	nonsynonymous
37	2R	19956841	19956844	+	8	43	42	119	122	FBgn0034971	nonsynonymous
38	2R	19956841	19956844	+	8	43	42	119	122	FBgn0034971	nonsynonymous
39	2R	5604925	5604937	-	16	3	2	1754	1766	FBgn0259678	nonsynonymous
40	2R	7865240	7865249	-	4	61	66	1151	1160	FBgn0050036	nonsynonymous
41	2R	11863083	11863473	-	6	5	0	9213	9603	FBgn0013988	nonsynonymous
42	2R	11863083	11863473	-	6	5	0	9213	9603	FBgn0013988	nonsynonymous
43	2R	11863083	11863473	-	6	5	0	9213	9603	FBgn0013988	nonsynonymous
44	2R	11863083	11863473	-	6	5	0	9213	9603	FBgn0013988	nonsynonymous
45	2R	11863083	11863473	-	6	5	0	9213	9603	FBgn0013988	nonsynonymous
46	2R	11863083	11863473	-	6	5	0	9213	9603	FBgn0013988	nonsynonymous

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no.	chr	start	end	strand	w	conc. cov. 1	conc. cov. 2	CDS start	CDS end	Gene ID	Consequence
47	2R	11863083	11863473	-	6	5	0	9213	9603	FBgn0013988	nonsynonymous
48	3L	547978	547981	+	11	21	21	200	203	FBgn0035142	nonsynonymous
49	3L	547978	547981	+	11	21	21	200	203	FBgn0035142	nonsynonymous
50	3L	12966418	12966429	+	4	38	39	793	804	FBgn0036328	frameshift
51	3L	15547518	15547536	+	22	0	0	154	163	FBgn0087035	nonsynonymous
52	3L	15547518	15547536	+	22	0	0	154	172	FBgn0087035	nonsynonymous
53	3L	1632311	1632317	-	4	4	4	502	508	FBgn0013342	nonsynonymous
54	3L	1632311	1632317	-	4	4	4	529	535	FBgn0013342	nonsynonymous
55	3L	1632311	1632317	-	4	4	4	529	535	FBgn0013342	nonsense
56	3L	1632311	1632317	-	4	4	4	502	508	FBgn0013342	nonsynonymous
57	3L	3113605	3113608	-	21	25	24	450	453	FBgn0035399	nonsynonymous
58	3L	3113605	3113608	-	21	25	24	450	453	FBgn0035399	nonsynonymous
59	3L	8428759	8428768	-	5	59	61	2041	2050	FBgn0035895	nonsynonymous
60	3L	8428759	8428768	-	5	59	61	2095	2104	FBgn0035895	nonsynonymous
61	3L	14744702	14744705	-	12	1	0	1303	1306	FBgn0013263	nonsynonymous
62	3L	14744702	14744705	-	12	1	0	1303	1306	FBgn0013263	nonsynonymous
63	3L	14744702	14744705	-	12	1	0	1303	1306	FBgn0013263	nonsynonymous
64	3L	16359690	16359714	-	7	5	6	695	719	FBgn0036619	nonsynonymous
65	3L	16918216	16918234	-	5	11	10	851	869	FBgn0036677	nonsynonymous
66	3L	19251137	19251155	-	5	75	75	1450	1468	FBgn0026630	nonsynonymous
67	3L	19251137	19251155	-	5	75	75	1450	1468	FBgn0026630	nonsynonymous
68	3L	19251137	19251155	-	5	75	75	1450	1468	FBgn0026630	nonsynonymous
69	3L	19457482	19457494	-	4	0	1	227	239	FBgn0036870	nonsynonymous
70	3R	8244861	8244864	+	6	18	18	4531	4534	FBgn0082831	nonsynonymous
71	3R	9528527	9528553	+	4	47	47	1669	1695	FBgn0002937	frameshift
72	3R	11865828	11865834	+	4	3	3	1261	1267	FBgn0003117	nonsynonymous
73	3R	11865828	11865834	+	4	3	3	1417	1423	FBgn0003117	nonsynonymous
74	3R	17714948	17714951	+	4	20	20	1069	1072	FBgn0038917	nonsynonymous
75	3R	20064585	20064588	+	4	2	2	3608	3611	FBgn0043884	nonsynonymous
76	3R	20064585	20064588	+	4	2	2	3608	3611	FBgn0043884	nonsynonymous
77	3R	23533603	23533609	+	6	15	14	614	620	FBgn0039544	nonsynonymous
78	3R	23533603	23533609	+	6	15	14	614	620	FBgn0039544	nonsynonymous
79	3R	4660287	4660299	-	12	5	4	2743	2755	FBgn0003177	nonsynonymous
80	3R	4660287	4660299	-	12	5	4	2743	2755	FBgn0003177	nonsynonymous
81	3R	4660287	4660299	-	12	5	4	2743	2755	FBgn0003177	nonsynonymous
82	3R	4660287	4660299	-	12	5	4	3022	3034	FBgn0003177	nonsynonymous
83	3R	4660287	4660299	-	12	5	4	2977	2989	FBgn0003177	nonsynonymous
84	3R	4660287	4660299	-	12	5	4	4069	4081	FBgn0003177	nonsynonymous
85	3R	4660287	4660299	-	12	5	4	2977	2989	FBgn0003177	nonsynonymous
86	3R	8467809	8467818	-	10	19	20	9	18	FBgn0038070	nonsynonymous
87	3R	9807529	9807538	-	5	2	2	1110	1119	FBgn0086364	nonsynonymous
88	3R	10170736	10170739	-	8	13	13	154	157	FBgn0024321	nonsynonymous
89	3R	10170736	10170739	-	8	13	13	154	157	FBgn0024321	nonsynonymous
90	3R	13731107	13731110	-	6	4	4	961	964	FBgn0053547	nonsynonymous
91	3R	17677519	17677525	-	4	27	28	594	600	FBgn0015229	nonsynonymous
92	3R	18251484	18251490	-	15	18	19	2154	2160	FBgn0038967	nonsynonymous
93	3R	24439393	24439394	-	10	31	31	2355	2356	FBgn0039590	frameshift
94	X	5803361	5803367	+	12	0	0	728	734	FBgn0029822	nonsynonymous
95	X	5803361	5803367	+	12	0	0	728	734	FBgn0029822	nonsynonymous
96	X	9038661	9038670	+	6	24	25	1761	1770	FBgn0030091	nonsynonymous
97	X	9773019	9773043	+	14	1	3	420	444	FBgn0030157	nonsynonymous
98	X	10117254	10117257	+	7	0	0	1396	1399	FBgn0085437	nonsynonymous
99	X	10117254	10117257	+	7	0	0	97	100	FBgn0085437	nonsynonymous
100	X	7583167	7583170	-	10	3	4	859	862	FBgn0029504	nonsynonymous
101	X	7583167	7583170	-	10	3	4	859	862	FBgn0029504	nonsynonymous
102	X	8423504	8423507	-	12	4	2	52	55	FBgn0024943	nonsynonymous
103	X	9222309	9222315	-	14	2	2	1782	1788	FBgn0085478	nonsynonymous
104	X	9222309	9222315	-	14	2	2	1713	1719	FBgn0085478	nonsynonymous
105	X	10469937	10469940	-	14	0	0	280	283	FBgn0085443	nonsynonymous
106	X	11911522	11911525	-	13	26	25	382	385	FBgn0043001	nonsynonymous
Control specific deletions											
1	2L	1607052	1607058	+	4	12	13	3386	3392	FBgn0261509	nonsynonymous
2	2L	4885434	4885452	+	17	71	74	1737	1755	FBgn0031643	nonsynonymous
3	2L	5066964	5066973	+	4	33	34	563	572	FBgn0028572	nonsynonymous
4	2L	5066964	5066973	+	4	33	34	563	572	FBgn0028572	nonsynonymous
5	2L	5066964	5066973	+	4	33	34	563	572	FBgn0028572	nonsynonymous
6	2L	5066964	5066973	+	4	33	34	98	107	FBgn0028572	nonsynonymous
7	2L	5066964	5066973	+	4	33	34	98	107	FBgn0028572	nonsynonymous
8	2L	5066964	5066973	+	4	33	34	98	107	FBgn0028572	nonsynonymous
9	2L	5066964	5066973	+	4	33	34	98	107	FBgn0028572	nonsynonymous
10	2L	5066964	5066973	+	4	33	34	194	203	FBgn0028572	nonsynonymous
11	2L	5209088	5209094	+	7	120	124	1375	1381	FBgn0031688	nonsynonymous
12	2L	12129280	12129286	+	12	19	17	3716	3722	FBgn0032414	nonsynonymous
13	2L	16243395	16243422	+	6	101	96	4630	4657	FBgn0028859	nonsynonymous
14	2L	16559248	16559254	+	10	2	3	1120	1126	FBgn0259735	nonsynonymous
15	2L	16559248	16559254	+	10	2	3	1120	1126	FBgn0259735	nonsynonymous
16	2L	16813791	16813797	+	13	3	3	527	533	FBgn0086673	nonsynonymous
17	2L	17177434	17177435	+	7	69	69	746	747	FBgn0045487	frameshift
18	2L	18391190	18391193	+	5	38	40	1308	1311	FBgn0000636	nonsynonymous
19	2L	19544646	19544670	+	18	45	41	1199	1223	FBgn0003231	nonsynonymous
20	2L	19544646	19544670	+	18	45	41	1199	1223	FBgn0003231	nonsynonymous

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no.	chr	start	end	strand	w	conc. cov. 1	conc. cov. 2	CDS start	CDS end	Gene ID	Consequence
21	2L	3579416	3579419	-	5	9	9	761	764	FBgn0004892	nonsynonymous
22	2L	4733376	4733379	-	4	59	59	997	1000	FBgn0031626	nonsynonymous
23	2L	5321064	5321073	-	31	16	13	3676	3685	FBgn0031698	nonsynonymous
24	2L	5321064	5321073	-	31	16	13	3685	3694	FBgn0031698	nonsense
25	2L	6463609	6463648	-	4	2	8	196	235	FBgn0031816	nonsynonymous
26	2L	6530256	6530259	-	8	36	38	190	193	FBgn0000320	nonsynonymous
27	2L	6530256	6530259	-	8	36	38	172	175	FBgn0000320	nonsynonymous
28	2L	7132794	7132806	-	13	34	35	590	602	FBgn0085407	nonsynonymous
29	2L	7132794	7132806	-	13	34	35	590	602	FBgn0085407	nonsynonymous
30	2L	8447498	8447501	-	5	60	61	1689	1692	FBgn0027780	nonsynonymous
31	2L	8961234	8961240	-	4	78	69	1115	1121	FBgn0032080	nonsynonymous
32	2L	10000272	10000284	-	4	99	99	1184	1196	FBgn0051755	nonsynonymous
33	2LHet	168071	168083	-	8	101	99	592	604	FBgn0058042	nonsynonymous
34	2LHet	168071	168083	-	8	101	99	352	364	FBgn0058042	nonsynonymous
35	2R	4586016	4586018	+	13	57	57	1366	1368	FBgn0033321	frameshift
36	2R	4686607	4686640	+	5	6	1	38	71	FBgn0024189	nonsynonymous
37	2R	4686607	4686640	+	5	6	1	38	71	FBgn0024189	nonsynonymous
38	2R	8891058	8891061	+	10	18	19	3284	3287	FBgn0008654	nonsynonymous
39	2R	8891058	8891061	+	10	18	19	3284	3287	FBgn0008654	nonsynonymous
40	2R	9734854	9734863	+	12	20	22	497	506	FBgn0050484	nonsense
41	2R	9927935	9927941	+	5	11	12	2417	2423	FBgn0002643	nonsynonymous
42	2R	9927935	9927941	+	5	11	12	2417	2423	FBgn0002643	nonsynonymous
43	2R	10397874	10397877	+	10	30	32	4569	4572	FBgn0000142	nonsynonymous
44	2R	10397874	10397877	+	10	30	32	4569	4572	FBgn0000142	nonsynonymous
45	2R	12051906	12051909	+	5	1	2	175	178	FBgn0034083	nonsynonymous
46	2R	14017091	14017097	+	4	28	28	628	634	FBgn0040465	nonsynonymous
47	2R	19539490	19539493	+	13	1	1	1556	1559	FBgn0004795	nonsynonymous
48	2R	19539490	19539493	+	13	1	1	1571	1574	FBgn0004795	nonsynonymous
49	2R	20408468	20408497	+	4	47	44	1523	1552	FBgn0259187	frameshift
50	2R	7157457	7157466	-	10	13	11	325	334	FBgn0033603	nonsynonymous
51	2R	7157457	7157466	-	10	13	11	325	334	FBgn0033603	nonsynonymous
52	2R	8309740	8309746	-	6	79	80	188	194	FBgn0033733	nonsynonymous
53	2R	8309740	8309746	-	6	79	80	188	194	FBgn0033733	nonsynonymous
54	2R	8819857	8819860	-	7	12	12	1234	1237	FBgn0033783	nonsynonymous
55	2R	9950277	9950292	-	13	17	16	5155	5170	FBgn0040752	nonsynonymous
56	2R	10498192	10498201	-	21	63	63	6559	6568	FBgn0026427	nonsynonymous
57	2R	10498192	10498201	-	21	63	63	1687	1696	FBgn0026427	nonsynonymous
58	2R	11653223	11653226	-	4	4	4	5485	5488	FBgn0083919	nonsynonymous
59	2R	13053562	13053604	-	4	0	3	286	328	FBgn0034204	nonsynonymous
60	2R	17979419	17979449	-	5	28	33	2862	2892	FBgn0034693	nonsynonymous
61	2R	17979419	17979449	-	5	28	33	1056	1086	FBgn0034693	nonsynonymous
62	2R	18012854	18012866	-	8	46	48	1667	1679	FBgn0034697	nonsynonymous
63	2R	18012854	18012866	-	8	46	48	1787	1799	FBgn0034697	nonsynonymous
64	2R	18110325	18110326	-	9	78	78	656	657	FBgn0034715	frameshift
65	2R	19170797	19170800	-	9	11	11	634	637	FBgn0034840	nonsynonymous
66	2R	19625357	19625360	-	51	4	4	1000	1003	FBgn0000562	nonsynonymous
67	2R	19900210	19900211	-	4	43	43	55	56	FBgn0053519	frameshift
68	2R	20136710	20136713	-	4	30	28	2016	2019	FBgn0034994	nonsynonymous
69	2R	20313352	20313355	-	12	0	0	142	145	FBgn0259210	nonsynonymous
70	2R	20313352	20313355	-	12	0	0	142	145	FBgn0259210	nonsynonymous
71	2R	20313352	20313355	-	12	0	0	142	145	FBgn0259210	nonsynonymous
72	2R	20834457	20834460	-	5	73	75	1356	1359	FBgn0027599	nonsynonymous
73	2RHet	471528	471531	-	5	101	100	188	191	FBgn0043842	nonsynonymous
74	3L	1229685	1229688	+	7	27	27	83	86	FBgn0260963	nonsense
75	3L	1314504	1314513	+	5	22	25	276	285	FBgn0035207	nonsynonymous
76	3L	1314504	1314513	+	5	22	25	276	285	FBgn0035207	nonsynonymous
77	3L	5476159	5476168	+	8	38	38	3062	3071	FBgn0035607	nonsynonymous
78	3L	7238085	7238124	+	10	54	57	598	637	FBgn0016036	nonsynonymous
79	3L	9079370	9079400	+	15	66	74	3156	3186	FBgn0023479	nonsynonymous
80	3L	9079370	9079400	+	15	66	74	846	876	FBgn0023479	nonsynonymous
81	3L	9079390	9079420	+	12	71	78	3176	3206	FBgn0023479	nonsynonymous
82	3L	9079390	9079420	+	12	71	78	866	896	FBgn0023479	nonsynonymous
83	3L	9439363	9439375	+	5	27	27	596	608	FBgn0053926	nonsynonymous
84	3L	9586020	9586026	+	5	23	24	1238	1244	FBgn0261555	nonsynonymous
85	3L	9586020	9586026	+	5	23	24	1856	1862	FBgn0261555	nonsynonymous
86	3L	11210058	11210067	+	4	29	26	130	139	FBgn0261553	nonsynonymous
87	3L	11210058	11210067	+	4	29	26	130	139	FBgn0261553	nonsynonymous
88	3L	11210058	11210067	+	4	29	26	130	139	FBgn0261553	nonsynonymous
89	3L	11210058	11210067	+	4	29	26	130	139	FBgn0261553	nonsynonymous
90	3L	11210058	11210067	+	4	29	26	130	139	FBgn0261553	nonsynonymous
91	3L	12879687	12879720	+	5	1	1	1536	1569	FBgn0036321	nonsynonymous
92	3L	1348857	1348886	+	4	5	5	131	140	FBgn0036373	nonsynonymous
93	3L	13844314	13844315	+	13	38	38	3601	3602	FBgn0029167	frameshift
94	3L	14001788	14001797	+	4	52	50	839	848	FBgn0036398	nonsynonymous
95	3L	14227073	14227163	+	11	43	29	425	515	FBgn0036416	nonsynonymous
96	3L	14658844	14658845	+	23	2	2	794	795	FBgn0041604	frameshift
97	3L	16709753	16709756	+	4	72	76	1200	1203	FBgn0000414	nonsynonymous
98	3L	16709753	16709756	+	4	72	76	1200	1203	FBgn0000414	nonsynonymous
99	3L	22687535	22687553	+	4	9	9	334	352	FBgn0037179	nonsynonymous
100	3L	23709609	23709610	+	4	60	60	598	599	FBgn0039977	frameshift
101	3L	1435919	1435921	-	7	41	41	1544	1546	FBgn0043865	frameshift

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no.	chr	start	end	strand	w	conc. cov. 1	conc. cov. 2	CDS start	CDS end	Gene ID	Consequence
102	3L	1435919	1435921	-	7	41	41	1544	1546	FBgn0043865	frameshift
103	3L	6725421	6725427	-	8	52	53	5542	5548	FBgn0052394	nonsynonymous
104	3L	6744039	6744045	-	4	31	31	433	439	FBgn0035713	nonsynonymous
105	3L	6744039	6744045	-	4	31	31	433	439	FBgn0035713	nonsynonymous
106	3L	7230592	7230599	-	8	26	28	535	542	FBgn0035751	frameshift
107	3L	7824217	7824223	-	4	5	5	456	462	FBgn0016694	nonsynonymous
108	3L	7824217	7824223	-	4	5	5	456	462	FBgn0016694	nonsynonymous
109	3L	8985631	8985640	-	15	38	38	2871	2880	FBgn0016070	nonsynonymous
110	3L	8985631	8985640	-	15	38	38	2871	2880	FBgn0016070	nonsynonymous
111	3L	8985631	8985640	-	15	38	38	2871	2880	FBgn0016070	nonsynonymous
112	3L	8985631	8985640	-	15	38	38	2871	2880	FBgn0016070	nonsynonymous
113	3L	8985631	8985640	-	15	38	38	2871	2880	FBgn0016070	nonsynonymous
114	3L	9409723	9409726	-	4	2	2	448	451	FBgn0035988	nonsynonymous
115	3L	10216992	10217004	-	5	30	33	505	517	FBgn0052056	nonsynonymous
116	3L	12768985	12769003	-	13	111	117	1352	1370	FBgn0052106	nonsynonymous
117	3L	13511529	13511532	-	13	14	14	227	230	FBgn0036377	nonsynonymous
118	3L	13907404	13907407	-	10	23	23	222	225	FBgn0026376	nonsynonymous
119	3L	14018835	14018838	-	10	0	0	2671	2674	FBgn0052133	nonsynonymous
120	3L	16918205	16918223	-	4	14	12	862	880	FBgn0036677	nonsynonymous
121	3L	18663249	18663255	-	6	5	4	1765	1771	FBgn0042134	nonsynonymous
122	3R	3021473	3021482	+	23	28	29	1850	1859	FBgn0086372	nonsynonymous
123	3R	3021473	3021482	+	23	28	29	1850	1859	FBgn0086372	nonsynonymous
124	3R	9907419	9907425	+	9	33	33	1641	1647	FBgn0038197	nonsynonymous
125	3R	9907419	9907425	+	9	33	33	1641	1647	FBgn0038197	nonsynonymous
126	3R	9907419	9907425	+	9	33	33	2196	2202	FBgn0038197	nonsynonymous
127	3R	10342878	10342890	+	9	73	63	104	116	FBgn0085302	nonsynonymous
128	3R	16114233	16114236	+	8	9	11	290	293	FBgn0038780	nonsynonymous
129	3R	21168109	21168139	+	29	91	99	1733	1763	FBgn0027376	nonsynonymous
130	3R	23196662	23196665	+	10	35	35	4628	4631	FBgn0260487	nonsynonymous
131	3R	24526620	24526635	+	6	35	35	1243	1258	FBgn0027655	nonsynonymous
132	3R	24527322	24527331	+	23	8	8	1511	1520	FBgn0027655	nonsynonymous
133	3R	24735787	24735790	+	26	3	3	3886	3889	FBgn0259220	nonsynonymous
134	3R	24735787	24735790	+	26	3	3	247	250	FBgn0259220	nonsynonymous
135	3R	2217261	2217276	-	5	1	0	454	469	FBgn0037443	nonsynonymous
136	3R	2217261	2217276	-	5	1	0	454	469	FBgn0037443	nonsynonymous
137	3R	2217261	2217276	-	5	1	0	454	469	FBgn0037443	nonsynonymous
138	3R	2217261	2217276	-	5	1	0	40	55	FBgn0037443	nonsynonymous
139	3R	2217261	2217276	-	5	1	0	577	592	FBgn0037443	nonsynonymous
140	3R	4609852	4609858	-	11	83	86	832	838	FBgn0261015	nonsynonymous
141	3R	4609852	4609858	-	11	83	86	832	838	FBgn0261015	nonsynonymous
142	3R	4609852	4609858	-	11	83	86	1873	1879	FBgn0261015	nonsynonymous
143	3R	6598791	6598794	-	18	104	103	165	168	FBgn0020439	nonsynonymous
144	3R	6600757	6600763	-	6	23	23	100	106	FBgn0020439	nonsynonymous
145	3R	8227435	8227441	-	10	55	55	27	33	FBgn0038035	nonsynonymous
146	3R	10039846	10039861	-	4	14	14	139	154	FBgn0011582	nonsynonymous
147	3R	10039846	10039861	-	4	14	14	139	154	FBgn0011582	nonsynonymous
148	3R	10147775	10147778	-	6	58	58	2838	2841	FBgn0038223	nonsynonymous
149	3R	10580166	10580169	-	7	58	57	320	323	FBgn0038258	nonsynonymous
150	3R	11248525	11248531	-	6	49	51	1998	2004	FBgn0038339	nonsynonymous
151	3R	11248525	11248531	-	6	49	51	2250	2256	FBgn0038339	nonsynonymous
152	3R	13058895	13058912	-	4	63	52	1111	1128	FBgn0038494	frameshift
153	3R	13609108	13609120	-	4	19	19	529	541	FBgn0038544	nonsynonymous
154	3R	13609330	13609333	-	5	34	33	316	319	FBgn0038544	nonsynonymous
155	3R	13609345	13609348	-	8	32	34	301	304	FBgn0038544	nonsynonymous
156	3R	15196876	15196879	-	4	3	3	4514	4517	FBgn0086613	nonsynonymous
157	3R	25414838	25414841	-	21	78	79	644	647	FBgn0039671	nonsynonymous
158	X	5732240	5732252	+	30	1	5	1629	1641	FBgn0029814	nonsynonymous
159	X	6552220	6552232	+	4	1	0	1135	1147	FBgn0028360	nonsynonymous
160	X	8406521	8406536	+	5	0	0	650	665	FBgn0053181	nonsynonymous
161	X	8406521	8406536	+	5	0	0	650	665	FBgn0053181	nonsynonymous
162	X	8406521	8406536	+	5	0	0	140	155	FBgn0053181	nonsynonymous
163	X	8406521	8406536	+	5	0	0	650	665	FBgn0053181	nonsynonymous
164	X	8406521	8406536	+	5	0	0	599	614	FBgn0053181	nonsynonymous
165	X	9927751	9927754	+	4	3	6	3001	3004	FBgn0030171	nonsynonymous
166	X	13484375	13484378	+	42	0	0	1468	1471	FBgn0086674	nonsynonymous
167	X	18744396	18744408	+	12	0	3	1817	1829	FBgn0085451	nonsynonymous
168	X	20965495	20965498	+	15	1	1	484	487	FBgn0064123	nonsynonymous
169	X	1651253	1651260	-	4	20	25	64	71	FBgn0040898	frameshift
170	X	5555088	5555094	-	17	2	0	992	998	FBgn0259150	nonsynonymous
171	X	5555088	5555094	-	17	2	0	992	998	FBgn0259150	nonsynonymous
172	X	19438581	19438590	-	4	1	1	550	559	FBgn0052532	nonsynonymous
173	X	20024919	20024926	-	4	21	22	233	240	FBgn0260872	frameshift

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